Appendix to Microsoft System Center Management Pack SQL Server Guide:

SQL Server 2017+ Management Packs Objects and Workflows

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The Operations Manager team encourages you to provide any feedback on the management pack by sending it to sqlmpsfeedback@microsoft.com.

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Microsoft SQL Server 2017+ Management Packs Objects and Workflows

This document is based on version 7.0.7.0 of the Management Pack for Microsoft SQL Server.

The Management Packs for Microsoft SQL Server 2017+ discover the object types described in the following sections. Not all of the objects are automatically discovered. Use overrides to discover those objects that are not discovered automatically.

SQL Server on Linux Management Pack Objects and Workflows

MSSQL on Linux: Agent

The SQL Server Agent component that runs as part of a Microsoft SQL Server Database Engine on Linux.

MSSQL on Linux: Agent - Discoveries

MSSQL on Linux: Discover SQL Server Agent for a Database Engine

This rule discovers the SQL Server Agent for an instance of SQL Server DB Engine on Linux. There could be only one SQL Server Agent instance for each DB Engine instance.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Agent - Unit monitors

Long Running Jobs

This monitor checks for long running SQL Agent jobs.
Note that SQL Server Agent Service is not supported by any edition of SQL Server Express; there is no appropriate discovered object. This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold (minutes)	The monitor will change its state to Critical if the value exceeds this threshold. Being between this threshold and the warning threshold (inclusive) will result in the monitor being in a warning state.	120
Included continuously executed jobs	Some SQL Agent Jobs may run infinitely (until Agent stops). They usually have schedule type 'Start automatically when SQL Server Agent starts'. For example, SQL Server Replication often uses such jobs. These jobs lead to false alerts and by default monitor doesn't takes them in account. But there may be exclusions when such jobs run for a short time. In order to monitor such jobs one should define a list of these jobs' names delimited by comma.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	600
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	
Warning Threshold (minutes)	Warning threshold. Exceeding this threshold will result in the monitor changing to at least a warning state.	60

SQL Server Agent Service

This monitor checks the status of the SQL Agent service for this instance of SQL Server.
Note that SQL Server Agent Linux Service is not supported by any edition of SQL Server Express.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Alert only if service startup type is automatic	This may only be set to 'true' or 'false'. If set to 'false', then alerts will be triggered no matter what the startup type is set to. Default is 'true'.	true
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	600
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Agent - Dependency (rollup) monitors

Agent Jobs Security

Rolls up all Agent Jobs security monitors to the SQL Server Agent.

Agent Jobs Configuration

Rolls up all Agent Jobs configuration monitors to the SQL Server Agent.

Agent Jobs Availability

Rolls up all Agent Jobs availability monitors to the SQL Server Agent.

Agent Jobs Performance

Rolls up all Agent Jobs performance monitors to the SQL Server Agent.

MSSQL on Linux: Agent - Rules (alerting)

MSSQL on Linux: Alert engine stopped due to unrecoverable local eventlog errors

SQL Server Agent was unable to open the local event log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Agent is unable to connect to SQL Server

The SQL Server Agent Service could not connect to the instance of SQL Server. This error may occur when the SQL Server Agent service account does not have a valid login on SQL Server

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Agent initiating self-termination

SQL Server Agent has shut down the SQL Server Agent service.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: A SQL job failed to complete successfully

A SQL Server Agent Job Failed. The SQL Server Agent is responsible for running SQL Server tasks scheduled to occur at specific times or intervals as well as detecting specific conditions for which administrators have defined an action, such as alerting someone through pages or e-mail, or a task that will address the conditions. The SQL Server Agent is also used for running replication tasks defined by administrators. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Step of a job caused an exception in the subsystem

A specific job step caused SQL Server Agent to write an error to the Linux Application log. The log will show the specific job and job step.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Agent could not be started

A process or a person attempted to start the SQL Server Agent service, but the service did not start.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Job step cannot be run because the subsystem failed to load

A SQL Server job failed to run because the SQL Server Agent subsystem failed to load.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Unable to re-open the local eventlog

SQL Server Agent was unable to open the local event log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Agent Job

All Microsoft SQL Server agent jobs on Linux.

MSSQL on Linux: Agent Job - Discoveries

MSSQL on Linux: Discover SQL Server Agent Jobs

This rule discovers all SQL Server Agent Jobs on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Agent Job - Unit monitors

Job Duration

Monitors Agent Job Duration.
Note that SQL Server Agent Linux Service is not supported by any edition of SQL Server Express; there is no appropriate discovered object.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold (minutes)	The monitor will change its state to Critical if the value exceeds	120

	this threshold. Being between this threshold and the warning threshold (inclusive) will result in the monitor being in a warning state.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	600
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15
Warning Threshold (minutes)	Warning threshold. Exceeding this threshold will result in the monitor changing to at least a warning state.	60

Last Run Status

SQL Agent Job on Linux Last Run State Monitor. Monitors the last run state of an SQL Agent Job.
Note that SQL Server Agent Linux Service is not supported by any edition of SQL Server Express; there is no appropriate discovered object.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	600
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: All SQL Server Filegroups Group

All SQL Server Filegroups Group on Linux contains all SQL Server filegroups such as database Filegroups, Memory-Optimized Data Filegroups, FILESTREAM Filegroups on Linux.

MSSQL on Linux: All SQL Server Filegroups Group - Discoveries

MSSQL on Linux: All SQL Server Filegroups Group Discovery

Discovery of All SQL Server Filegroups Group on Linux.

MSSQL on Linux: All SQL Server Objects Group

The SQL Server All SQL Server objects Group on Linux contains SQL Server objects, which can raise alerts.

MSSQL on Linux: All SQL Server Objects Group - Discoveries

MSSQL on Linux: All SQL Server Objects Group Discovery

Discovery of MSSQL All SQL Server Objects Group on Linux.

MSSQL on Linux: Always On Seed

This object indicates that the particular Microsoft SQL Server on Linux installation has Always On components enabled.

MSSQL on Linux: Always On Seed - Discoveries

MSSQL on Linux: Always On Seed Discovery

This discovery is used to define which instances have Always On enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Availability Group Critical Policy

Custom User Policy, which has Availability Group as Facet and one of the error categories as Policy Category.

MSSQL on Linux: Availability Group Critical Policy - Discoveries

MSSQL on Linux: Availability Group Custom User Policy Discovery

Discovery of Custom User Policies for Always On Availability Groups. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Availability Group Critical Policy - Unit monitors

Availability Group Health Policy

Two-state monitor with 'Error' critical state used particularly for reflecting state of Custom User Policies, which have Availability Group as Facet and one of the predefined error categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Availability Group Health

A hidden object, which is used to roll up the health from agents to availability group level.

MSSQL on Linux: Availability Group Health - Discoveries

MSSQL on Linux: General Always On Discovery

This discovery is used to define which instances have Always On enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Availability Group Health - Unit monitors

Availability Group Online monitor

Availability Group Online

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Group Automatic Failover monitor

Availability Group Automatic Failover

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Synchronous Replicas Data Synchronization monitor

Synchronous Replicas Data Synchronization

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Replicas Connection monitor

Availability Replicas Connection

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Replicas Data Synchronization monitor

Availability Replicas Data Synchronization

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Replicas Role monitor

Availability Replicas Role

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Availability Group Health - Aggregate monitors

Availability Group Extended Health State

Availability Group Extended Health Aggregate State monitor.

MSSQL on Linux: Availability Group Health - Dependency (rollup) monitors

Availability Group Critical Policies (rollup)

This monitor is the rollup monitor for all Custom User Policies, which have Availability Group as Facet and one of the predefined error categories as Policy Category.

Availability Group Warning Policies (rollup)

This monitor is the rollup monitor for all Custom User Policies, which have Availability Group as Facet and one of the predefined warning categories as Policy Category.

MSSQL on Linux: Availability Group Warning Policy

Custom User Policy, which has Availability Group as Facet and one of the warning categories as Policy Category.

MSSQL on Linux: Availability Group Warning Policy - Discoveries

MSSQL on Linux: Availability Group Custom User Policy Discovery

Discovery of Custom User Policies for Always On Availability Groups. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Availability Group Warning Policy - Unit monitors

Availability Group Health Policy

Two-state monitor with 'Warning' critical state used particularly for reflecting state of Custom User Policies, which have Availability Group as Facet and one of the predefined warning categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Availability Replica

This object represents Availability Replica SMO object and contains all properties required for identification and monitoring.

MSSQL on Linux: Availability Replica - Discoveries

MSSQL on Linux: General Always On Discovery

This discovery is used to define which instances have Always On enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Availability Replica - Unit monitors

Securables Configuration Status

This monitor checks the status of Always On securables access configuration on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Availability Replica Join State

This monitor checks the join state of availability replica. The monitor is unhealthy when the availability replica is added to the availability group but not joined properly. The monitor is healthy otherwise.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Replica Data Synchronization

This monitor rolls up the data synchronization state of all database replica in the availability replica. The monitor is unhealthy when any database replica is not in the expected data synchronization state. The monitor is healthy otherwise.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Replica Role

This monitor checks the state of role of availability replica. The monitor is unhealthy when the availability replica's role is not primary or secondary. The monitor is healthy otherwise.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Replica Connection

This monitor checks the connection state between availability replicas. The monitor is unhealthy when the availability replica's connection state is DISCONNECTED. The monitor is healthy otherwise.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Availability Replica - Dependency (rollup) monitors

Database Replicas Configuration

Rolls up all Database Replicas configuration monitors to the Availability Replica.

Availability Replica Critical Policies Availability

Rolls up all Availability Replica Critical Policies availability monitors to the Availability Replica.

Availability Replica Warning Policies Configuration

Rolls up all Availability Replica Warning Policies configuration monitors to the Availability Replica.

Availability Replica Critical Policies Security

Rolls up all Availability Replica Critical Policies security monitors to the Availability Replica.

Availability Replica Warning Policies Performance

Rolls up all Availability Replica Warning Policies performance monitors to the Availability Replica.

Availability Replica Critical Policies Configuration

Rolls up all Availability Replica Critical Policies configuration monitors to the Availability Replica.

Database Replicas Performance

Rolls up all Database Replicas performance monitors to the Availability Replica.

Database Replicas Security

Rolls up all Database Replicas security monitors to the Availability Replica.

Availability Replica Warning Policies Availability

Rolls up all Availability Replica Warning Policies availability monitors to the Availability Replica.

Availability Replica Critical Policies Performance

Rolls up all Availability Replica Critical Policies performance monitors to the Availability Replica.

Database Replicas Availability

Rolls up all Database Replicas availability monitors to the Availability Replica.

Availability Replica Warning Policies Security

Rolls up all Availability Replica Warning Policies security monitors to the Availability Replica.

MSSQL on Linux: Availability Replica - Rules (alerting)

MSSQL on Linux: Availability Group Failed

This error occurs when an attempt to join the availability replica to the availability group has failed.
Note: this rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows Always On: Availability Replica Role Changed

This error occurs when Availability replica changes its role.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Availability Replica - Rules (non-alerting)

MSSQL on Linux: Flow Control / sec

Number of flow controls enabled for this replica per second.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Resent Messages / sec

The rate per second to get acknowledgements for messages sent to the replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Receives from Replica / sec

Total number of messages received from this replica for the AG.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Sends to Replica / sec

Number of messages enqueued to be send over the network to this replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Sends to Transport / sec

Number of messages sent over the network to this replica. This account for all the messages sent from this replica including control messages.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Flow Control Time (ms/sec)

The number of milliseconds flow control was enabled to this replica within the last second.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Bytes Received from Replica / sec

Total number of bytes received from this replica over the network for the AG.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Bytes Sent to Replica / sec

The number of database message bytes enqueued to be send over the network to this replica. The bytes include messages for all databases in the AG.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Bytes Sent to Transport / sec

The total number of bytes send over the network to the replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Availability Replica Critical Policy

Custom User Policy, which has Availability Replica as Facet and one of the error categories as Policy Category.

MSSQL on Linux: Availability Replica Critical Policy - Discoveries

MSSQL on Linux: Availability Replica Custom User Policy Discovery

Discovery of Custom User Policies for Always On Availability Replicas. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Availability Replica Critical Policy - Unit monitors

Availability Replica Health Policy

Two-state monitor with 'Error' critical state used particularly for reflecting state of Custom User Policies, which have Availability Replica as Facet and one of the predefined error categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Availability Replica Warning Policy

Custom User Policy, which has Availability Replica as Facet and one of the warning categories as Policy Category.

MSSQL on Linux: Availability Replica Warning Policy - Discoveries

MSSQL on Linux: Availability Replica Custom User Policy Discovery

Discovery of Custom User Policies for Always On Availability Replicas. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Availability Replica Warning Policy - Unit monitors

Availability Replica Health Policy

Two-state monitor with 'Warning' critical state used particularly for reflecting state of Custom User Policies, which have Availability Replica as Facet and one of the predefined warning categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Custom User Policy

Microsoft SQL Server Custom User Policy object on Linux.

MSSQL on Linux: Custom User Policy - Discoveries

MSSQL on Linux: Discover Database Custom User Policy

This rule discovers Custom User Policies for SQL Server Database on Linux. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database

Microsoft SQL Server Database on Linux.

MSSQL on Linux: Database - Discoveries

MSSQL on Linux: Discover SQL Server Databases for a Database Engine

This rule discovers all databases running for a given instance of SQL Server DB Engine on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Exclude List	A comma-separated list of databases that must be excluded from discovery. Use a wildcard character * to exclude all databases. Otherwise, use conditions like *_test to exclude database names that end with _test, Test* to exclude database names that start with Test, or *test* condition to exclude database names that have test in any place.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database - Unit monitors

Auto Shrink Configuration

Monitors the Auto Shrink setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	OFF
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Auto Update Statistics Async Configuration

Monitors the Auto Update Atatistics Asynchronously setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	OFF
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

DB Disk Write Latency

Monitors the disk Write latency from all logical disks which host database files.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold	The monitor will change its state to Critical if the value exceeds this threshold.	25
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Number of samples	Indicates how many times a measured value should breach a	6

	threshold before the state is changed.	
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Recovery Model Configuration

Monitors the Recovery model setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	FULL
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

DB Disk Read Latency

Monitors the disk Read latency from all logical disks which host database files.

Name	Description	Default value

Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold	The monitor will change its state to Critical if the value exceeds this threshold.	40
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

DB Chaining Configuration

Monitors the Cross-database Ownership Chaining Enabled setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	OFF
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Auto Create Statistics Configuration

Monitors the Auto Create Statistic setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	ON
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Trustworthy Configuration

Monitors the Trustworthy setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value

Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	OFF
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Auto Update Statistics Configuration

Monitors the Auto Update Statistics setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	ON
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Page Verify Configuration

Monitors the Page Verify setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	CHECKSUM
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Database Status

This monitor checks the status of the database as reported by Microsoft SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Source Log Shipping

This monitor detects when a log shipping source has not had its logs backed up within the threshold defined as a part of the log shipping configuration.
Note that no Log Shipping is supported by any edition of SQL Server Express.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

Database Backup Status

This monitor checks the status of the database backup as reported by Microsoft SQL Server. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Backup Period (days)	The target backup frequency in days. Should be set according to your Recovery Point Objective (RPO).	7
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	86400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Destination Log Shipping

This monitor detects when a log-shipping destination has not had a log restored to it within the threshold defined as a part of the log-shipping configuration.
Note that no Log Shipping is supported by any edition of SQL Server Express.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Auto Close Configuration

Monitors the Auto Close setting for the database on Linux. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	OFF
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database - Aggregate monitors

DB Space

Monitors the aggregate space health for the database.

Recovery Configuration

Monitors the aggregate recovery configuration health for the database.

Automatic Configuration

This monitor aggregates the health of automatic configuration monitors.

External Access Configuration

Monitors the aggregate external access configuration health for the database.

MSSQL on Linux: Database - Dependency (rollup) monitors

DB Log Files Security

Rolls up all DB Log Files security monitors to the Database.

DB Log Files Performance

Rolls up all DB Log Files performance monitors to the Database.

DB Memory-Optimized Data Filegroups Performance

Rolls up all DB Memory-Optimized Data Filegroups performance monitors to the Database.

Database Warning Policies Performance

Rolls up all Database Warning Policies performance monitors to the Database.

DB Filegroups Security

Rolls up all DB Filegroups security monitors to the Database.

DB Log Files Configuration

Rolls up all DB Log Files configuration monitors to the Database.

Database Critical Policies Security

Rolls up all Database Critical Policies security monitors to the Database.

Database Warning Policies Configuration

Rolls up all Database Warning Policies configuration monitors to the Database.

DB Filegroups Configuration

Rolls up all DB Filegroups configuration monitors to the Database.

Resources Pool Memory Consumption (rollup)

The monitor reports a critical state and raises an alert when the amount of memory used by the resource pool is greater than the Threshold setting, expressed as a percentage of memory available for Memory-Optimized Data tables for the given resource pool. This monitor is a dependency (rollup) monitor.

DB Memory-Optimized Data Filegroups Security

Rolls up all DB Memory-Optimized Data Filegroups security monitors to the Database.

Database Critical Policies Performance

Rolls up all Database Critical Policies performance monitors to the Database.

DB Filegroups Performance

Rolls up all DB Filegroups performance monitors to the Database.

DB Filegroups Availability

Rolls up all DB Filegroups availability monitors to the Database.

Database Warning Policies Availability

Rolls up all Database Warning Policies availability monitors to the Database.

DB Memory-Optimized Data Filegroups Availability

Rolls up all DB Memory-Optimized Data Filegroups availability monitors to the Database.

Database Critical Policies Availability

Rolls up all Database Critical Policies availability monitors to the Database.

Database Warning Policies Security

Rolls up all Database Warning Policies security monitors to the Database.

DB Log Files Availability

Rolls up all DB Log Files availability monitors to the Database.

Database Critical Policies Configuration

Rolls up all Database Critical Policies configuration monitors to the Database.

DB Memory-Optimized Data Filegroups Configuration

Rolls up all DB Memory-Optimized Data Filegroups configuration monitors to the Database.

MSSQL on Linux: Database - Rules (non-alerting)

MSSQL on Linux: DB Transactions per Second Count

SQL on Linux DBs Transactions per second performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Active Connections Count

SQL on Linux DBs Active Connections performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Active Requests Count

SQL on Linux DBs Active Requests performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Disk Write Latency (ms)

Collects maximum disk Write latency from all logical disks which host database files.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: DB Active Transactions Count

MSSQL on Linux DBs Active Transactions performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Active Sessions Count

SQL on Linux DBs Active Sessions performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: DB Disk Read Latency (ms)

Collects maximum disk Read latency from all logical disks which host database files.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database - Tasks

Check Disk (DBCC)

Checks the consistency of disk space allocation structures for a specified database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Set Database Offline

Set Database Offline

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Check Catalog (DBCC)

Checks for catalog consistency within the specified database. The database must be online.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Set Database to Emergency State

Set Database to Emergency State

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Check Database (DBCC)

Checks the allocation, structural, and logical integrity of all the objects in the specified database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Set Database Online

Set Database Online

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database - Console Tasks

SQL Profiler

SQL Management Studio

MSSQL on Linux: Database Critical Policy

Microsoft SQL Server on Linux Custom User Policy, which has a Database as the Facet and one of the error categories as Policy Category.

MSSQL on Linux: Database Critical Policy - Unit monitors

Database Health Policy

Two-state monitor with 'Error' critical state used particularly for reflecting state of Custom User Policies, which have Database as Facet and one of the predefined error categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database Replica

This is a representation of Database Replica State SMO object.

MSSQL on Linux: Database Replica - Discoveries

MSSQL on Linux: Database Replicas Discovery

Discovery of database replica Always On objects.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database Replica - Unit monitors

Availability Database Join State

This monitor checks the join state of database replica. The monitor is unhealthy when the database replica is not joined. The monitor is in healthy state otherwise.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Database Suspension State

This monitor checks the state of data movement of the database replica. The monitor is unhealthy when the data movement is suspended. The monitor is healthy otherwise.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Database Data Synchronization

This monitor checks the data synchronization state of database replica. The monitor is unhealthy when the data synchronization state is NOT SYNCHRONIZING or the state is not SYNCHRONIZED for synchronous commit database replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database Replica - Dependency (rollup) monitors

Database Replica Critical Policies Availability

Rolls up all Database Replica Critical Policies availability monitors to the Database Replica.

Database Replica Warning Policies Configuration

Rolls up all Database Replica Warning Policies configuration monitors to the Database Replica.

Database Replica Critical Policies Security

Rolls up all Database Replica Critical Policies security monitors to the Database Replica.

Database Replica Warning Policies Performance

Rolls up all Database Replica Warning Policies performance monitors to the Database Replica.

Database Replica Warning Policies Security

Rolls up all Database Replica Warning Policies security monitors to the Database Replica.

Database Replica Critical Policies Performance

Rolls up all Database Replica Critical Policies performance monitors to the Database Replica.

Database Replica Warning Policies Availability

Rolls up all Database Replica Warning Policies availability monitors to the Database Replica.

Database Replica Critical Policies Configuration

Rolls up all Database Replica Critical Policies configuration monitors to the Database Replica.

MSSQL on Linux: Database Replica - Rules (alerting)

MSSQL on Linux: Database Replica Role Changed

This error occurs when Database replica changes its role.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database Replica - Rules (non-alerting)

MSSQL on Linux: Redo Bytes Remaining

The amount of log bytes remaining to be redone to finish the reverting phase.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Redo blocked / sec

Number of times the REDO thread was blocked in this database since this database was brought ONLINE.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Recovery Queue

Amount of log records in the log files of the secondary replica that has not yet been redone.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Log Send Queue

The size of the log send queue on this replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Total Log requiring undo

Total kilobytes of log that must be undone.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Log Apply Ready Queue

Number of log blocks pending and ready to be applied to the database replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Log Bytes Received / sec

The number of log bytes received by this replica. This is valid only on the secondary replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Log Remaining for undo

The amount of log that need to be undone in KB.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: File Bytes Received / sec

Amount of FILESTREAM data received by the secondary replica for the secondary database in the last second.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Redone Bytes / sec

The rate at which log records are redone on the secondary replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Mirrored Write Transactions / sec

The number of transactions processed through synchronization commits. Dividing transaction delay by mirrored transactions to get delay per transaction.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Transaction Delay

The total time for all transactions waited on the secondary acknowledgement.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Log Apply Pending Queue

Number of log blocks pending to be applied to the database replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database Replica Critical Policy

Custom User Policy, which has Database Replica State as Facet and one of the error categories as Policy Category.

MSSQL on Linux: Database Replica Critical Policy - Discoveries

MSSQL on Linux: Database Replica Custom User Policy Discovery

Discovery of Custom User Policies for Always On Database Replicas. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database Replica Critical Policy - Unit monitors

Database Replica Health Policy

Two-state monitor with 'Error' critical state used particularly for reflecting state of Custom User Policies, which have Database Replica State as Facet and one of the predefined error categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database Replica Warning Policy

Custom User Policy, which has Database Replica State as Facet and one of the warning categories as Policy Category.

MSSQL on Linux: Database Replica Warning Policy - Discoveries

MSSQL on Linux: Database Replica Custom User Policy Discovery

Discovery of Custom User Policies for Always On Database Replicas. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database Replica Warning Policy - Unit monitors

Database Replica Health Policy

Two-state monitor with 'Warning' critical state used particularly for reflecting state of Custom User Policies, which have Database Replica State as Facet and one of the predefined warning categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database Warning Policy

Microsoft SQL Server on Linux Custom User Policy, which has a Database as the Facet and one of the warning categories as Policy Category.

MSSQL on Linux: Database Warning Policy - Unit monitors

Database Health Policy

Two-state monitor with 'Warning' critical state used particularly for reflecting state of Custom User Policies, which have Database as Facet and one of the predefined warning categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: DB Engine

An installation of a Microsoft SQL Server Database Engine on Linux. The database engine hosts databases and other SQL Server components.

MSSQL on Linux: DB Engine - Discoveries

MSSQL on Linux: Discover SQL Server Database Engines

This rule discovers SQL Server DB Engine on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Engine - Unit monitors

Securables Configuration Status

This monitor checks the status of Sql Server securables access configuration on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Blocking Sessions

Monitors blocked sessions for a SQL instance on Linux. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of blocked sessions	The maximum allowed number of blocked sessions.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15
Wait Time (minutes)	The minimum process execution duration before considering it for Blocked SPIDs analysis.	1

SQL Full-text Filter Daemon Launcher Service

This monitor checks the status of the SQL Full-text Filter Daemon Launcher service. Note that SQL Full-text Search feature is not available in any edition of SQL Server Express, except SQL Server Express with Advanced Services. This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Alert only if service startup type is automatic	This may only be set to 'true' or 'false'. If set to 'false', then alerts will be triggered no matter what the startup type is set to. Default is 'true'.	true
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	600
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Average Wait Time

Average Wait Time monitor for DBs

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	The collected value will be compared against this parameter.	250
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Managed Backup User Action Health Policy

The Managed Backup User Action Health Policy evaluates warnings such as corrupted backups, and such.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Product Version Compliance

This monitor checks the product version number of the current SQL Server instance to determine the currently installed Cumulative Update.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Minimal Product Version for SQL Server	The minimal Product Version as per company policy. By default, it equals to 0 (integer).	14.0.3015.40
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Stolen Server Memory

Stolen Server Memory for DB Engine

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	Alert will be generated if the Stolen Server Memory/SQL Server max memory ratio is greater than this threshold.	70

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Thread Count

Thread Count for DB Engine

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Minimum Free Threads Threshold	The workflow determines the maximum number of threads and the number of active threads for each DB Engine process. An alert will be generated if the number of free threads is less or equal than this parameter.	10
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Managed Backup System Health Policy

The Managed Backup System Health Policy evaluates critical errors like lack of or invalid SQL Credentials, connectivity errors and reports the health of the system.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Buffer Cache Hit Ratio

Buffer Cache Hit Ratio for DB Engine

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	The collected value will be compared against this parameter.	0
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

DB Engine Health Status

This monitor checks the health state of the SQL Server DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Page Life Expectancy

Page Life Expectancy (s) for DB Engine

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	The collected value will be compared against this parameter.	300
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

SQL Re-Compilation

SQL Re-Compilation for DB Engine. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	If the ratio between SQL Re-Compilation and SQL Compilation is greater than this threshold alert will be generated.	25
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Engine - Dependency (rollup) monitors

Databases Security

Rolls up all Databases security monitors to the DB Engine.

Databases Configuration

Rolls up all Databases configuration monitors to the DB Engine.

Databases Performance

Rolls up all Databases performance monitors to the DB Engine.

Databases Availability

Rolls up all Databases availability monitors to the DB Engine.

MSSQL on Linux: DB Engine - Rules (alerting)

MSSQL on Linux: Checksum failure while page in cache

It is detected that a database page has been unexpectedly modified while in cache (by verifying the page checksum).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: An error occurred while processing SQL Server Service Broker mirroring routes

The rule triggers an alert when an error occurres while processing SQL Server Service Broker mirroring routes

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Login failed: Password expired

A user attempted to log into SQL Server with an expired password. The Linux security log will identify the user name under event ID 18487.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: RESTORE could not start database

Internal structures could not be created during the database RESTORE. This is usually the side effect of another error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Address is not aligned

The structure at address ADDRESS is not 4-byte aligned.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server shutdown due to Ctrl-C or Ctrl-Break signal

The SQL Server instance was started from a command prompt using sqlservr.exe, and now a Ctrl-C or Ctrl-Break command was issued from that prompt to stop the sqlservr.exe application. No checkpoints were performed during the shutdown. This message is written to the SQL Server error log and the application event log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not create a statement object using OLE DB provider

The rule triggers an alert when SQL Server fails to create a statement object with the OLE DB provider connected to a linked server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: The text, ntext, or image node has wrong type

The text node is on the wrong text page type. If the parent (owner) of the node can be found, there will be an accompanying 8929 message providing details about the owner.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not find Filegroup ID in sys.Filegroups for database

The metadata for a table contains a column ID that is greater than the largest column ID ever used in the table. This is a fatal error if the table is a system table, because the checks cannot continue when metadata is corrupt.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: CHECKTABLE processing of object encountered page twice. Possible internal error or allocation fault

Page P_ID was encountered twice during the course of the scan.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XTP Compiler Failure

The rule listens to event 41313 and raises a warning alert if the event is added to the log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Logical page in database is already hashed

This error occurs when SQL Server attempts to hash the logical page %S_PGID of database ID%d and the page is already in the SQL Server hash table.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Slot, row extends into free space

The end of the slot S_ID is past the persisted free space offset, ADDRESS. TEST is 'max <= m_freeData', where the persisted free space offset if 'm_freeData' and the end of slot S_ID is 'max'.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Internal Query Processor Error: The query processor encountered an unexpected error during execution

This is an internal query processor error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server could not allocate enough memory to start Service Broker task manager

SQL Server Service Broker cannot start Service Broker task manager.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XTP Insufficient Disk Space

The rule listens to event 41822 and raises a critical alert if the event is added to the log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XTP Background Thread Error Log

The rule listens to event 41355 and raises a warning alert if the event is added to the log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Table error: IAM page is linked in the IAM chain for object

All IAM pages for an index must have the same index ID on them. In this case, one of the IAM pages linked into the IAM chain for index I_ID2 has index ID I_ID1 on it. There are three possible states of this error; they all mean the same thing, but differ in where the discovery is made.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Failed to allocate memory for Common Language Runtime (CLR)

The rule triggers an alert when SQL Server is unable to allocate memory for CLR.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not resolve the referenced column name in table

This error occurs when you try to modify data in a table with a foreign key that references a column that no longer exists in the referenced table. Merely renaming a column will not cause this error. Under normal circumstances, a column referenced by a foreign key cannot be dropped, so this error may indicate that unsupported direct system table updates have occurred.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table: No columns without statistics found

There are no eligible columns in the current database on which to create statistics using sp_createstats . Computed columns and columns of the ntext, text, or image data types cannot be specified as statistics columns. Columns already having statistics are not touched (for example, the first column of an index or a column with explicitly created statistics).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XML : XML error

This message passes through XML errors generated outside of SQL Server. The text after "XML error:" will vary. The cause will depend on the exact XML error passed through.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Page allocated to object was not seen. Page may be invalid or have incorrect object ID information in its header

A page is allocated as specified, but was not seen with that object/index ID in its header. The page has a different index ID in its header, so there will be a matching 2534 (page allocated by another object) error for the page. The 2534 error corresponds to the object/index ID that is in the page's header.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The query processor could not start the necessary thread resources for parallel query execution

Thread resources are scarce in the server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server cannot start the Service Broker event handler

SQL Server Service Broker cannot start the Service Broker event handler.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XTP Background Thread Error

The rule listens to event 41354 and raises a warning alert if the event is added to the log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XTP Unable Load Compiled Dll

The rule listens to event 41309 and raises a warning alert if the event is added to the log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Wrong PageId in the page header

DBCC asked for page P_ID1. When the page was read from disk, the page ID in its header was found to be P_ID2.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Assertion (17066)

SQL Server has raised an error. Under normal circumstances, SQL Server has posted a dump file in the log directory to help identify the actions that preceded the error. The error may have been caused by

data corruption, an error in the client application, an error in SQL Server, network instability, or hardware failure.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Index node page refers to child page and previous child, but they were not encountered

An index page (P_ID1) in a B-tree has child references to two neighboring lower-level pages (P_ID2 and P_ID3), but neither was seen.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Operating System error encountered

This message indicates that an error of some sort was returned from the operating system to a process within SQL Server. The process listed at the beginning of the message indicates which function within SQL Server received the error from the operating system. The exact operating system error number and text at the end of the message will vary depending on what problem the operating system encountered. This error is usually seen in conjunction with other errors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not connect to server because it is not defined as a remote login at the server

Setting up security for executing remote procedure calls (RPC) against a remote server involves setting up login mappings in the remote server and possibly in the local server running an instance of Microsoft SQL Server. The mapping is specific to a given server\instance name, usually the NetBIOS name for a default instance and the NetBIOS name plus the instance name for a named instance. If the login mapping does not exist or if the name of the server specified in the connection string does not match the exact name in the sysremotelogins table, and the guest account does not have a mapping in sysremotelogins , you will receive this error. You will also see this error if the remote user is found to have a null or empty login name.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: The text, ntext, or image node at page is not referenced

The text node was not referenced in any complex column in any heap or clustered index. It is effectively orphaned.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: I/O request taking longer than 15 seconds to complete

I/O request has taken longer than 15 seconds to complete. This may indicate an SQL Server I/O bottlenecks. SQL Server performance highly relies on the disk performance. Note: this rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: One or more indexes are damaged and must be repaired or dropped

This error provides more details about the problem described in error 8952. See that error for an explanation.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: IAM chain linkage error

There is a break in the IAM chain for the index specified. A page P_ID2 is pointed to by the next page pointer of page P_ID1, but page P_ID2's previous page pointer points to a different page, P_ID3. Both error states mean the same, and only differ in where the corruption was discovered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not create AppDomain manager

The rule triggers an alert when SQL Server fails to create an application domain manager

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Descriptor for object in database not found in the hash table during attempt to unhash it

A temporary table could not be found. The specific object ID will be available in the Linux application log as event ID 617.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The log for database is not available

An I/O error related to data integrity has occurred for the specified database. Either the log or data portion of the database could be damaged. SQL Server has made the log for that database unavailable to prevent further data integrity problems. The I/O error that led to the 9001 message should be reported in the SQL Server error log and/or the Linux event logs.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: An error occurred in the SQL Server Service Broker message dispatcher

An error occurred in the SQL Server Service Broker message dispatcher. The Linux application log or SQL Server error log may identify the specific error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Maximum limit for connections has been reached

By default, SQL Server dynamically manages the memory needed for user connections. However, the maximum number of connections can be set to a fixed value by setting the user connections configuration option to a value other than 0. Setting the user connections option to a non-zero value is not recommended. If this option is set to a non-zero value and the specified number of connections is exceeded, any additional login attempts will fail with the above message. If the value is set to 1, the SQL Server instance may not start.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Process Worker appears to be non-yielding on Scheduler

This error indicates that there is a possible problem with a thread not yielding on a scheduler. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Parent node for page was not encountered

Page P_ID was seen in a B-tree, and is linked into the B-tree level it is at. However, no index page was seen that had a reference to the page as a child page. This can happen at any level of the B-tree.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The provider reported an unexpected catastrophic failure

The provider reported an unexpected catastrophic failure.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cannot start service broker manager due to operating system error

The rule triggers an alert when SQL Server cannot start service broker manager due to operating system error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: The next pointer of refers to page. Neither its parent were encountered. Possible bad chain linkage

A page (P_ID1) references its next page in the page chain (P_ID2), but page P_ID2 was not seen and was not referenced by any parent page in the B-tree.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Page is missing a reference from previous page. Possible chain linkage problem

A page (P_ID2) in a B-tree was not seen, even though its neighbor (P_ID1) in the page chain points to it in its previous page link. This can happen in any level of the B-tree. Both error states mean the same thing; they differ only in where the error is discovered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Out Of Memory

SQL Server has failed to allocate the sufficient amount of memory to run the query.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Starting without recovery

SQL Server is starting without recovery.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Assertion (17067)

SQL Server has raised an error. Under normal circumstances, SQL Server has posted a dump file in the log directory to help identify the actions that preceded the error. The error may have been caused by data corruption, an error in the client application, an error in SQL Server, network instability, or hardware failure.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Full Text Search: An unknown full-text failure occurred

This error can occur in various circumstances. It is often related to permissions or missing files.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: A SQL Server Service Broker procedure output results

A stored procedure, which was internally activated by SQL Server Service Broker, output results. Internal procedures should not output results. The event in the Linux application log contains the procedure name, the queue name, and the output results. The event is logged as MSSQLSERVER event ID 9724. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	0
Severity	Defines Alert Severity.	0
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database log file is full. Back up the transaction log for the database to free up some log space

The specified transaction log file has run out of free space.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Error while undoing logged operation in database

The recovery process could not undo (roll back) one or more transactions in the specified database. This error will be accompanied by a more specific error in the SQL Server error log and/or the event log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cannot determine the service account for SQL Server instance

This error occurs when a Transact-SQL statement contains mismatched single or double quotes. The SET QUOTED_IDENTIFIER setting will determine which combinations of single and double quotations marks are valid. For more information about SET QUOTED_IDENTIFIER, see "SET QUOTED_IDENTIFIER" in Books Online.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Backup device failed - Operating system error

This message indicates that the operating system was unable to open or close a backup device (disk, tape, or pipe) specified as part of a BACKUP or RESTORE command. For more information on backup devices, refer to the Books Online topics, "Backup Devices" and "BACKUP."

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Login failed: Password cannot be used at this time

A user attempted to change the password, but the proposed password could not be used at this time. The Linux security log will identify the user name under MSSQLSERVER event ID 18463.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: An error occurred in a SQL Server Service Broker/Database Mirroring transport connection endpoint

SQL Server uses Service Broker and Database Mirroring endpoints for communication outside of the SQL Server instance.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Login failed. The workstation licensing limit for SQL Server access has already been reached

SQL Server will not provide connections to workstations after the licensing limit has been reached.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: The low key value on page is not the key value in the parent

A B-tree tree level page contains a record for each child page, along with a key value for that child page. If the child page is a leaf-level page (that is, level 0), all records on the page must have key values greater than or equal to the key value in the parent page. If the child page is a tree-level page (that is, level > 0), all records must have key values greater than the key value in the parent, except the first record, which must have a key value that exactly matches that in the parent.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: No slots are free to keep buffers for table

This is raised when SQL Server has an internal error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Invalid reference to LOB page

This error occurs when SQL Server uses an invalid reference to a LOB page in an operation. This error may occur due to several different reasons.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: IO Completion Listener Worker appears to be non-yielding on Node

I/O completion ports are the mechanism by which Microsoft SQL Server uses a pool of threads that was created when the service was started to process asynchronous I/O requests. The message will specify what node the completion port is not yielding on. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: CREATE FILE encountered operating system error

CREATE FILE encountered operating system error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Full Text Search: Full-text catalog is in an unusable state. Drop and re-create this full-text catalog

The full-text catalog is offline. The full-text directory has been deleted, is corrupt, or the path points to a location that is not valid.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: An error occurred while reading the log for database

This error indicates a failure while processing the transaction log during rollback, recovery, or replication.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Potential deadlocks exist on all schedulers on Node

This message is raised when the server fails to respond to new queries within a certain time limit.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: The high key value on page is not less than the low key value in the parent, slot of the next page

A B-tree tree-level page contains a record for each child page, along with a key value for that child page. If the child page is a leaf-level page, all records on the page must have key values greater than or equal to the key value in the parent page. If the child page is a tree-level page, all records must have key values greater than the key value in the parent, except the first record, which must have a key value that exactly matches that in the parent.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Service Broker cryptographic operation failed

The rule triggers an alert when SQL Server Service Broker cryptographic operation fails.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Attempt to fetch logical page that belongs to different object

This error occurs when SQL Server detects that the allocation unit as stored on a database page does match the allocation unit associated with a specific operation, such as running a SELECT statement against a table.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Assertion (17065)

SQL Server has raised an error. Under normal circumstances, SQL Server has posted a dump file in the log directory to help identify the actions that preceded the error. The error may have been caused by data corruption, an error in the client application, an error in SQL Server, network instability, or hardware failure.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XML : XML parsing error

This message passes through XML parsing errors. The text after "XML parsing error:" will vary. The cause will depend on the exact XML parsing error passed through.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not open referenced table

You are trying to add, drop, or modify a constraint on a table that has a schema stability lock (LCK_M_SCH_S or Sch-S) held on it. The schema stability lock is not compatible with DDL. The lock may be held by a query involving this table that is taking a long time to compile.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cannot start SQL Server Service Broker on a database

The rule triggers an alert when SQL Server cannot start Service Broker on a database.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XML: Failed to instantiate class. Make sure Msxml2.dll exists in the SQL Server installation

The Msxml2.dll file is missing from the computer where SQL Server is installed, or it could not be loaded from the system directory while processing an XML feature such as sp_xml_preparedocument. If the file exists, it may not be registered properly, or one of its dependencies may not exist.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: CREATE DATABASE failed. Could not allocate enough disk space for a new database on the named disks

This error occurs when there is not enough space on the device to create the model database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cannot start service broker security manager

Service Broker security manger could not start.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The Service Broker or Database Mirroring Transport has started

SQL Server Service Broker or Database Mirroring transport has started. The Linux application log specifies whether the error was recorded by Service Broker or Database Mirroring the application name. This message is logged in the Linux application log as MSSQLSERVER event ID 9690. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	0
Severity	Defines Alert Severity.	0
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Table error: B-tree chain linkage mismatch.

There is a break in the logical page chain at some level in the B-tree specified (this can happen at any level, including the leaf level). A page P_ID2 is pointed to by the next page pointer of page P_ID1, but page P_ID2's previous page pointer points to a different page, P_ID3.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Table missing or invalid key in index for the row:

Every data row in a table (heap or clustered index) must have exactly one matching index row in every non-clustered index over that table. This error means that a non-clustered index is missing an index row.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not mark database as suspect. Getnext NC scan on sysdatabases.dbid failed

The SQL Server recovery process tried to turn on the suspect flag for the specified database, but it could not find the appropriate row in sysdatabases or could not update the database information in memory. The reason the database needs to be marked suspect should be indicated by other messages in the SQL Server error log or the Event Viewer.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Full Text Search: Full-text catalog lacks sufficient disk space to complete this operation

There is not enough disk space to hold the full-text catalog.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: cross-object chain linkage

The first phase of a DBCC CHECKDB is to do primitive checks on the data pages of critical system tables. If any errors are found, they cannot be repaired and so the DBCC CHECKDB terminates immediately.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Transaction was deadlocked on resources with another process and has been chosen as the deadlock victim. Rerun the transaction

This error occurs when Microsoft SQL Server encounters a deadlock. A deadlock occurs when two (or more) processes attempt to access a resource that the other process holds a lock on. Because each process has a request for another resource, neither process can be completed. When a deadlock is detected, SQL Server rolls back the command that has the least processing time and returns error message 1205 to the client application. This error is not fatal and may not cause the batch to be terminated.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: An error occurred in the SQL Server Service Broker or Database Mirroring transport manager

An error occurred in the SQL Server Service Broker or Database Mirroring transport manager. The Linux application log or SQL Server error log may identify the specific error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not allocate space for object in database because the Filegroup is full

The specified Filegroup has run out of free space.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not find FOREIGN KEY constraints for table, although the table is flagged as having them

This error can occur when the creation of a constraint failed but for some reason the creation was not completely rolled back. It can also be caused by data consistency issue with the system tables in the database where the table listed in the message resides.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not read and latch page

The page read failed for some reason (see any accompanying errors), or a latch could not be taken (there may be latch timeout messages on the error log).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Recovery of database detected possible identity value inconsistency in table

The database recovery process could not determine the current identity value for the specified table.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Physical file access error

A file activation error occurred. The physical file name may be incorrect while creating the database. Note: this rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Unexpected end of file while reading beginning of backup set

The RESTORE operation failed because it could not read some portion of the backup file specified in the FROM clause. This error generally indicates that the file specified is a pre-SQL Server 7.0 backup or that the file is damaged.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Login failed: Account locked out

A user attempted to log into the network with an account that has been locked out. The Linux security log will identify the user name under MSSQLSERVER event ID 18486.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XML : XML document could not be created because server memory is low. Use sp_xml_removedocument to release XML documents

When you execute sp_xml_preparedocument , a parsed XML document is stored in the internal cache of SQL Server 2000. The MSXML parser uses up to one-eighth the total memory available for SQL Server. There is not enough memory in the portion of cache allocated to MSXML to open the document specified in the sp_xml_preparedocument statement. This may be because the specified document is very large or because documents already in that memory space do not leave enough space for the new document.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Conflict table does not exist

This error occurs when you try to add or drop a column to a merge article, but the conflict table specified in sysmergearticles for the modified article does not actually exist in the database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not open error log file

When installing Microsoft SQL Server on an NTFS partition, make sure that the NTFS file permissions allow read/write access. Otherwise, this error message may appear in the Linux application log (for each installation attempt).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Common Language Runtime (CLR) not installed properly

This installation of the Common Language Runtime (CLR) is corrupted. The CLR is installed with the Microsoft .NET Framework.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: B-tree level mismatch, page does not match level from parent

There are two pages linked as parent (P_ID2) and child (P_ID1) in a B-tree. The level (LEVEL1) in the child page (P_ID1) does not comply with the level rules for B-trees, given the level (LEVEL2) in the parent page (P_ID2).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Test failed. Slot overlaps with the prior row

Slot S_ID's offset in the slot offset array is not greater than or equal to the end of the previous slot, so they overlap. TEST is 'sorted [i].offset >= max', where the lhs of the expression is the ADDRESS, and 'max' is the end of the previous slot.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Full Text Search: Could not find full-text index for database

The specified full-text index is unavailable.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The Service Broker/Database Mirroring transport cannot listen on port because it is in use

When you create a Service Broker or Database Mirroring endpoint, SQL Server should be able to accept TCP/IP connections on the port that is specified in the endpoint configuration. The transport security requires authorization for connections to the port. If the server has a firewall enabled, the firewall configuration must allow both incoming and outgoing connections for the port that is used by the endpoint.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Optimized concurrent query limit has been exceeded

You are using an edition of SQL Server that is licensed for a limited number of concurrent queries. This includes the Personal and Desktop editions. Those editions have a concurrent workload governor that limits them to a specific number of concurrent user queries plus a smaller number of concurrent system tasks.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Login failed

When a connection attempt is rejected because of an authentication failure that involves a bad password or user name, a message similar to the following is returned to the client: "Login failed for user 'user_name'. (Microsoft SQL Server, Error: 18456)".

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Column is not a valid complex column

A column is marked as being a complex column in the record's variable length column section, but it is not a valid text pointer or in-row text root.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The user is not allowed to truncate the system table

The TRUNCATE TABLE statement cannot be issued for a system table, even if the allow updates configuration option is enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Extent object is beyond the range of this database

P_ID is a PageID of the form (filenum:pageinfile). The pageinfile of this extent is greater than the physical size of the file filenum of the database. The extent is marked allocated in an IAM page for the object/index ID indicated.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Failure occurred during database recovery

This error occurs when SQL Server fails to recover a database successfully when it is brought online.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: A security (SSPI) error occurred when connecting to another Service Broker or Database Mirroring host

When Service Broker transport security uses SSPI, the service account for the remote database must have CONNECT permission in master database. Remote SQL Server instance should allow Linux Authentication for the account being used by remote host. There are no requirements for the login to have other permissions or to own objects in any database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The SQL Server Service Broker or Database Mirroring transport is disabled or not configured

The rule triggers an alert when the SQL Server Service Broker or Database Mirroring transport is disabled or not configured. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The I/O operation was successful after retry

A read operation on a database page or transaction log block was successful but only after retrying the operation. While you may not need to take immediate action, you should research the cause of the error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not open tempdb. Cannot continue

The tempdb database could not be opened. The possible reasons for this could include:

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: OS Error occurred while performing I/O on page

An operating system error occurred when reading or writing a database page. The error message contains the specific operating system error encountered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not write a CHECKPOINT record in database because the log is out of space

The transaction log for the specified database has reached its capacity. The limit could be due to a configuration setting or to the amount of physical space available for one or more of the files configured for this database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Internal Query Processor Error: The query processor could not obtain access to a required interface

This is an internal query processor error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: An SQL Server Service Broker dialog detected an error

The rule triggers an alert when a SQL Server Service Broker dialog detects an error

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Operating system error on a device

The backup device cannot be opened.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not find CHECK constraint, although the table is flagged as having one

This error can occur when the creation of a constraint failed but for some reason the creation was not completely rolled back. It can also be caused by data consistency issue with the system tables in the database where the table listed in the message resides.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Service Broker cannot use RC4 encryption algorithm when running in FIPS compliance mode

SQL Server Service Broker has a conversation where at least one endpoint has been configured to use RC4 encryption and the server is set for Federal Information Processing Standard (FIPS) compliance mode. RC4 encryption is not supported when running in FIPS compliance mode.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The agent is suspect. No response within last minutes

This behavior occurs because the replication agent is too busy to respond when SQL Server Enterprise Manager polls the replication agent; therefore, SQL Server Enterprise Manager does not know the status of the replication agent and it cannot report whether the replication agent is functioning or not.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: The text, ntext, or image node at page is referenced by page not seen in the scan

The text node was not referenced in any complex column in any heap or clustered index. It is effectively orphaned.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Cross object linkage

The page P_ID1 points, in a parent-child manner, to a page (P_ID2) in a different object.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cannot start service broker manager

The rule triggers an alert when SQL Server cannot start service broker manager.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Failed to add column to table

sp_repladdcolumn failed to add the specified column to the table in the publication database. If another error is reported along with this one, the other error should indicate the reason the column could not be added. If no other error is reported, the problem could be that the owner-qualified table does not exist, or the data type is not one that can be added to a replicated table. The data type of the new column must be either an identity, computed, or timestamp column; allow nulls; or have a default. For more information about sp_repladdcolumn, see "Schema Changes on Publication Databases" in Books Online.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Failed to initialize the Common Language Runtime (CLR) with HRESULT (6512)

The rule triggers an alert when an assembly or an application fails to start and logs an HRESULT error. The Linux application log may contain an information about specific HRESULT.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Failed to finish full-text operation. The Filegroup is empty, read-only, or not online

The full-text operation did not finish because the Filegroup is empty, read-only, or not online.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cannot start service broker activation manager

The rule triggers an alert when service broker fails to start the activation manager.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Log Backup Failed to Complete

This error indicates that SQL Server could not complete the BACKUP of the specified database due to a previous error. The BACKUP command that failed is given at the end of the error message. This message also appears in the Linux application log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Failed to restore master database. Shutting down SQL Server

The backup of the master database that you are restoring is not usable. The file itself may have been corrupted, or the original master database from which the backup was taken may have data integrity problems.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Failed to drop column from table

sp_repldropcolumn failed to drop the specified column on the publication database. The error could result from a failed system table update or from a failure of the underlying ALTER TABLE statement.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Page is missing references from parent (unknown) and previous nodes. Possible bad root entry in sysindexes

Page P_ID1 was seen, but is not linked into the B-tree it thinks it belongs to.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: The previous link on page does not match the previous page that the parent, slot expects for this page

A B-tree is structured so that pages at a single level point to each other, in a doubly-linked list. Also, the pages' parent in the B-tree has a record for each of its children, with their keys and page IDs.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database cannot be opened due to inaccessible files or insufficient memory or disk space

Error 945 is returned when the database is marked IsShutdown . This occurs when a database cannot be recovered due to missing files, or some other resource error that usually can be corrected easily.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Logical consistency error after performing I/O on page

A consistency check failed when reading or writing a database page or transaction log block. The error message contains the specific type of consistency check that failed.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Failed to initialize the Common Language Runtime (CLR) due to memory pressure

Linux could not allocate memory for the Microsoft Common Language Runtime (CLR) to initialize.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: AppDomain failed to unload with error code

The rule triggers an application domain fails to unload because of some error. The Linux application log may contain an information about the original error code and other diagnostic details

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Login failed: Password too short

A user attempted to change the password, but the proposed password was too short. The Linux security log will identify the user name under MSSQLSERVER event ID 18464.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Failed to open database or transaction log file

An operating system error occurred when opening a transaction log file or a secondary database file of a database. The error message contains the specific operating system error encountered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Failed to open primary database file

An operating system error occurred when opening the primary file of a database. The error message contains the specific operating system error encountered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Service Broker transmitter shut down due to an exception or a lack of memory

The rule triggers an alert when SQL Server Service Broker transmitter stopped due to an error or a lack of memory. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not allocate new page for database. There are no more pages available in Filegroup.

Space can be created by dropping objects, adding additional files, or allowing file growth.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Unexpected page type

Page P_ID had a page type that was unexpected by the code trying to interpret it. The page is marked allocated, however, which is why the DBCC code is trying to interpret it.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XTP Unable Call Compiler

The rule listens to event 41312 and raises a warning alert if the event is added to the log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: An error occurred in the Service Broker manager

The rule triggers an alert when an error occurred in the SQL Server Service Broker manager.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The LSN passed to log scan in database is invalid

If you see this message during startup when the SQL Server process tries to recover the database or as a result of an ATTACH statement, the log file for the database is corrupted. If you see the message during a restore process, the backup file is corrupted. If you see this message during a replication process, the replication metadata may be incorrect.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Cross object linkage: Parent page in object next refer to page not in the same object

The next page pointer of page P_ID2 and a child page pointer of page P_ID1 in a B-tree of the specified object points to a page (P_ID3) in a different object. Furthermore, pages P_ID1 and P_ID2 may themselves be in different objects.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: SQL Server Service Broker or Database Mirror cryptographic call failed

SQL Server Service Broker or Database Mirror attempted to call an operating system cryptographic function. The cryptographic function returned an error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: A fatal error occurred in .NET Framework runtime

The rule triggers an alert when the .NET Framework shuts down due to an error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Object, index, page Test failed. Slot - Offset is invalid

The slot specified has an invalid offset (ADDRESS) in the page, according to the slot array.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: A default full-text catalog does not exist in the database or user does not have permission to perform this action

The full-text catalog does not exist, or the user does not have the appropriate permission to create a full-text index in the catalog.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Allocation page has invalid page header values.

The page specified has an invalid page header.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Failed to initialize the Common Language Runtime (CLR) with HRESULT (6511)

The rule triggers an alert when an assembly or application fails to start and logs an HRESULT error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XML: Failed to load Msxml2.dll

The Msxml2.dll file is missing from the computer where SQL Server is installed, or it could not be loaded from the system directory while processing an XML feature such as sp_xml_preparedocument. If the file exists, it may not be registered properly, or one of its dependencies may not exist.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Permission denied on object

This error occurs when a Microsoft SQL Server user attempts an action, such as executing a stored procedure, or reading or modifying a table, for which the user does not have the appropriate privileges.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: A SNI call failed during a Service Broker/Database Mirroring transport operation

The rule triggers an alert when a SNI call fails during a Service Broker/Database Mirroring transport operation. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cannot create file

SQL Server cannot create file because the file already exists.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cannot open backup device.

One or more of the files specified in a BACKUP or RESTORE command could not be opened. The potential reasons for this include:

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Cross object linkage. Page PGID->next is not in the same index

Page P_ID is linked to page P_ID2 but the two pages are allocated to different indexes and/or objects.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Login failed: Password too simple

A user attempted to create a password, but the proposed password did not meet the Linux password complexity requirements policy. These are defined in the Password must meet complexity requirements policy setting. The Linux security log will identify the user name under MSSQLSERVER event ID 18466.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Login failed: Password must be changed

A user attempted to log into SQL Server with a password that was set to the MUST_CHANGE option. The user will be identified in the Linux security log under MSSQLSERVER event ID 18488.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Login failed: Password too long

A user attempted to create a password, but the proposed password was too long. The Linux security log will identify the user name under MSSQLSERVER event ID 18465.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Indexed view does not contain all rows that the view definition produces.

Refer to Books Online for more information on this error. This does not necessarily represent an integrity issue with the data in this database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server terminating because of system shutdown

SQL Server is shutting down because the server is shutting down. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database Backup Failed To Complete

BACKUP failed to complete the command.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Service Broker was not able to allocate memory for cryptographic operations

The rule triggers an alert when SQL Server Service Broker is not able to allocate memory for cryptographic operations.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Extra or invalid key

Every data row in a table (heap or clustered index) must have exactly one matching index row in every non-clustered index over that table. This error means that a non-clustered index has an index row that does not match any data row.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: A SQL Server Service Broker conversation has been closed due to an error

The rule triggers an alert when a SQL Server Service Broker conversation has been closed due to an error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The Service Broker/Database Mirroring Transport could not listen for connections due to an error

The rule triggers an alert when Service Broker cannot listen on the specified port.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Full Text Search: Search on full-text catalog failed with unknown result

The full-text query failed for an unspecified reason.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cannot open user default database. Login failed

When a client connects to a SQL Server instance without specifying a database context, the default database defined for its login is used. If that database is unavailable for any reason, the above message appears.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: B-tree page has two parent nodes

The B-tree structure is corrupt because page P_ID1 is referenced as a child page by slots in two pages higher in the B-tree, P_ID2 and P_ID3. A page can only be referenced by a single parent.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The server is too busy to perform the backup or restore operation

Failed to start a sub-process (a parallel query or parallel I/O) because no threads are available or too many sub-processes executing.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: CHECKTABLE terminated. A failure was detected while collecting facts.

Possibly tempdb out of space or a system table is inconsistent. Check previous errors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: XML : FOR XML EXPLICIT stack overflow occurred. Circular parent tag relationships are not allowed

The XML is not well-formed because the element tag nesting level has exceeded the number of columns in the table, one or more tags is self-referencing, or both. For more information about FOR XML EXPLICIT, see "Using EXPLICIT Mode" in Books Online.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Login failed: Error during validation

A user attempted to log in to SQL Server. An unexpected error occurred during validation. The Linux security log will identify the user name and error ID under MSSQLSERVER event ID 18468.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Internal Query Processor Error: The query processor encountered an internal limit overflow

This is an internal query processor error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Page was not seen in the scan although its parent and previous refer to it. Check any previous errors

A page (P_ID1) in a B-tree was not seen, even though an index page (P_ID2) points to it as a child page and its previous page (P_ID3) in the page chain points to it as the next page in the chain. This can happen at any level of the B-tree. Both error states mean the same thing; they differ only in where the error was discovered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Service Broker or Database Mirroring is running in FIPS compliance mode

The rule triggers an alert when SQL Server Service Broker or Database Mirroring is running in FIPS compliance mode. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	0
Severity	Defines Alert Severity.	0

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: An error occurred in the timer event cache

An error occurred in the SQL Server Service Broker transport layer timer event cache. The Linux application log or SQL Server error log may identify the specific error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XML : Size of data chunk requested from the stream exceeds allowed limit

SQL Server received an XML document that exceeds the allowed limit.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Internal Query Processor Error: The query processor ran out of stack space during query optimization

The Query Processor is using a large but limited memory stack when optimizing queries. In some extreme situations the stack size may become a limit for a given very large query--for example, a query containing an inlist with 100,000 constants.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not recover database due to unresolved transaction outcomes

The recovery process found pending transactions for the specified database. These transactions were either distributed transactions that used Microsoft Distributed Transaction Coordinator (MS DTC), or the transactions were single instance cross-database transactions. There is not enough information available for the recovery process to either commit or roll back one or more of those transactions.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Invalid reference to File ID

This error occurs when SQL Server uses an invalid file ID while performing some operation. This error can occur for several different scenarios.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The MSSQLServer service terminated unexpectedly

The error is reported by the SQL Server Agent service when it auto restarts SQL Server. SQL Server Agent will only auto restart SQL Server if SQL Server stopped for some reason other than an explicit stop command from a user or application, and if the “Auto restart SQL Server if it stops unexpectedly” option is selected in SQL Server Agent Advanced properties. During the restart of SQL Server, SQL Server Agent will write this message to the application event log on the computer hosting SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not do cleanup for the killed process

This error message occurs when another error caused a user connection to terminate abnormally.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database consistency errors found

This message indicates a database consistency check has encountered errors and none or not all of the errors were repaired.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Service Broker could not query the FIPS compliance mode flag from the registry

The rule triggers an alert when SQL Server Service Broker could not query the FIPS compliance mode flag from the registry.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Cannot recover the master database. Exiting.

The master database is not in a recoverable state.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database consistency errors found and repaired

This message indicates a database consistency check has encountered errors and all of the errors were repaired.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2

Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: page is out of the range of this database

The page specified is marked as allocated, but is beyond the in-use portion of the file in which it resides (except in certain states, as described below).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Database consistency check performed with no errors

This message indicates a database consistency check has been run but no errors were encountered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	0
Severity	Defines Alert Severity.	0
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Service Broker or Database Mirroring Transport stopped

The rule triggers an alert when at least one of the endpoints in a SQL Server Service Broker conversation has stopped listening for connections. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	0
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table error: Page in its header is allocated by another object

A page has the object/index ID specified but is not allocated by any of that index's IAM pages. The page has an incorrect object/index ID in its header, so there will be a matching 2533 (page not seen although allocated) error for the page. The 2533 error corresponds to the index the page is really allocated to.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Internal Query Processor Error: The query processor encountered an unexpected error during the processing of a remote query phase

This is an internal query processor error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Unable to open the physical file

SQL Server has failed to open the physical file..

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: SQL Server Service Broker Manager has shutdown

The rule triggers an alert when the SQL Server Service Broker Manager has shutdown. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	0
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Server Service Broker attempted to use an unsupported encryption algorithm

The rule triggers an alert when SQL Server Service Broker tries to use an unsupported encryption algorithm.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: The query has been canceled because the estimated cost of this query exceeds the configured threshold. Contact the system administrator

The configuration setting for the query governor cost limit option is lower than the cost the SQL Server optimizer estimated for the specified query. By default, the query governor cost limit option is set to 0, which allows all queries to run. However, on this instance of SQL Server an upper limit was specified by setting the option to a number greater than 0. Query plans with an anticipated cost larger than this value are not started.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not create an instance of OLE DB provider

The rule triggers an alert when SQL Server could not create an instance of an OLE DB provider to connect to a linked server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Could not obtain exclusive lock on database

You may receive this error stating a lock could not be obtained for the model database if the model database is in use when you issue any CREATE DATABASE statement. Since a new database is copied from the model database, the model database has to be in a state with no activity.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: An error occurred in the Service Broker queue rollback handler

SQL Server Service Broker raises MSSQLSERVER event ID 8405 when an error prevents Service Broker from disabling a queue during a rollback.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: An error occurred in the SQL Server Service Broker message transmitter

SQL Server Service Broker message transmitter detected an error.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Unique table computation failed

Unique tables are used by the database client drivers, like Microsoft Access driver for SQL Server, to build updateable queries. For a given SELECT statement, the unique table identifies the table whose row values appear at most once in the result set. When reselecting a row from a result set, the values from the key columns of the unique table are enough to identify the row. This error is raised when the server is unable to compute the unique table.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Table: Creating statistics for the following columns

sp_createstats has generated statistics for each eligible column in the current database. Computed columns and columns of the ntext, text, or image data types cannot be specified as statistics columns. Columns already having statistics are not touched (for example, the first column of an index or a column with explicitly created statistics). Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Full Text Search: Full-Text Search is not enabled for the current database. Use sp_fulltext_database to enable Full-Text Search

You have attempted to perform a full-text indexing in a database that is not enabled for full-text indexing. The database may have never been enabled for full-text, or it may have been restored or attached, which will automatically disable full-text indexing.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Failed to create AppDomain

The rule triggers an alert when an application tried to create an application domain, but failed. This may be caused when there is not enough memory to start the application domain.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Engine - Rules (alerting)

MSSQL on Linux: SQL Server DB Engine is restarted

Detects SQL Server DB Engine restart. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15
Unavailable Time (seconds)	The workflow will try to catch a service start event during this time frame, after event service stops.	900

MSSQL on Linux: DB Engine - Rules (non-alerting)

MSSQL on Linux: Insufficient Credits Waits/sec

Collects the Linux "Insufficient Credits Waits/sec" performance counter for the XTP IO Rate Governor.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Average Microseconds/Write Comp

Collects the "HTTP Storage: Average Microseconds/Write Comp" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment Receives per Second

Collects the "Broker/DBM Transport: Message Fragment Receives per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Engine Thread Count

SQL DB Engine Thread Count performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Transactions created/sec

Collects the Linux "Transactions created/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cursor write conflicts/sec

Collects the Linux "Cursor write conflicts/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Expired rows touched/sec

Collects the Linux "Expired rows touched/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued Messages Total

Collects the "Broker Statistics: Enqueued Messages Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Logins per Second

Total number of logins started per second. This does not include pooled connections.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Dusty corner scan retries/sec (Phantom-issued)

Collects the Linux "Dusty corner scan retries/sec (Phantom-issued)" performance counter for the XTP engine's phantom processing subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cursor scans started/sec

Collects the Linux "Cursor scans started/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Broker/DBM Transport: Send I/O Bytes per Second

Collects the "Broker/DBM Transport: Send I/O Bytes per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Phantom rows touched/sec

Collects the Linux "Phantom rows touched/sec" performance counter for the XTP engine's phantom processing subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Average Microseconds/Read Comp

Collects the "HTTP Storage: Average Microseconds/Read Comp" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment Receive Size Average

Collects the "Broker/DBM Transport: Message Fragment Receive Size Average" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Pending Message Fragments for Receive I/O

Collects the "Broker/DBM Transport: Pending Message Fragments for Receive I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Current Bytes for Receive I/O

Collects the "Broker/DBM Transport: Current Bytes for Receive I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Log Blocks/sec

Collects the Linux "Log Blocks/sec" performance counter for the XTP IO Rate Governor.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Send I/Os per Second

Collects the "Broker/DBM Transport: Send I/Os per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Average Bytes/Transfer

Collects the "HTTP Storage: Average Bytes/Transfer" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Forwarded Message Discarded Total

Collects the "Broker Statistics: Forwarded Message Discarded Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Receive I/O Bytes per Second

Collects the "Broker/DBM Transport: Receive I/O Bytes per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Transfers per Second

Collects the "HTTP Storage: Transfers per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Phantom scans started/sec

Collects the Linux "Phantom scans started/sec" performance counter for the XTP engine's phantom processing subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment P6 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P6 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Engine Stolen Server Memory (MB)

SQL DB Engine Stolen Server Memory (MB) performance collection rule on Linux

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Number of Lock Waits per Second

Collects the Linux "Number of Lock Waits per Second" performance counter for each instance of SQL DB Engine on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Phantom expiring rows touched/sec

Collects the Linux "Phantom expiring rows touched/sec" performance counter for the XTP engine's phantom processing subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Read Bytes per Second

Collects the "HTTP Storage: Read Bytes per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Merge Requests Outstanding

Collects the Linux "Merge Requests Outstanding" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Dropped Messages Total

Collects the "Broker Statistics: Dropped Messages Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Average Bytes/Read

Collects the "HTTP Storage: Average Bytes/Read" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment P7 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P7 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued TransmissionQ Messages per Second

Collects the "Broker Statistics: Enqueued TransmissionQ Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Tentatively-deleted rows touched/sec

Collects the Linux "Tentatively-deleted rows touched/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Forwarded Message Bytes per Second

Collects the "Broker Statistics: Forwarded Message Bytes per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued Local Messages per Second

Collects the "Broker Statistics: Enqueued Local Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued P8 Messages per Second

Collects the "Broker Statistics: Enqueued P8 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Rows processed/sec (marked for unlink)

Collects the Linux "Rows processed/sec (marked for unlink)" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Merges Installed

Collects the Linux "Merges Installed" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment P3 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P3 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Save point rollbacks/sec

Collects the Linux "Save point rollbacks/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Send I/O Len Average

Collects the "Broker/DBM Transport: Send I/O Len Average" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued P10 Messages per Second

Collects the "Broker Statistics: Enqueued P10 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Receive I/Os per Second

Collects the "Broker/DBM Transport: Receive I/Os per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Total Rate Objects Published

Collects the Linux "Total Rate Objects Published" performance counter for the XTP IO Rate Governor.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Dequeued TransmissionQ Messages per Second

Collects the "Broker Statistics: Dequeued TransmissionQ Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Number of Deadlocks per Second

Collects the Linux "Number of Deadlocks per Second" performance counter for each instance of SQL DB Engine on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Save point refreshes/sec

Collects the Linux "Save point refreshes/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Reads per Second

Collects the "HTTP Storage: Reads per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cursor deletes/sec

Collects the Linux "Cursor deletes/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued Transport Messages per Second

Collects the "Broker Statistics: Enqueued Transport Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Receive I/O Len Average

Collects the "Broker/DBM Transport: Receive I/O Len Average" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment P2 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P2 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Current Bytes for Send I/O

Collects the "Broker/DBM Transport: Current Bytes for Send I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued P5 Messages per Second

Collects the "Broker Statistics: Enqueued P5 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Read-only transactions prepared/sec

Collects the Linux "Read-only transactions prepared/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Writes per Second

Collects the "HTTP Storage: Writes per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Core Merges Completed

Collects the Linux "Core Merges Completed" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Total Files Merged

Collects the Linux "Total Files Merged" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Main GC work items/sec

Collects the Linux "Main GC work items/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Activation: Task Limit Reached per Second

Collects the "Broker Activation: Task Limit Reached per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued Transport Messages Total

Collects the "Broker Statistics: Enqueued Transport Messages Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Broker Transaction Rollbacks

Collects the "Broker Statistics: Broker Transaction Rollbacks" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Activation: Tasks Aborted per Second

Collects the "Broker Activation: Tasks Aborted per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Lock Timeouts per Second

Collects the Linux "Lock Timeouts per Second" performance counter for each instance of SQL DB Engine on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Average Microseconds/Read

Collects the "HTTP Storage: Average Microseconds/Read" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Activation Errors Total

Collects the "Broker Statistics: Activation Errors Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued P1 Messages per Second

Collects the "Broker Statistics: Enqueued P1 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment P5 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P5 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued Local Messages Total

Collects the "Broker Statistics: Enqueued Local Messages Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Log records written/sec

Collects the Linux "Log records written/sec" performance counter for XTP transaction logging in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued P4 Messages per Second

Collects the "Broker Statistics: Enqueued P4 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: SQL Send Total

Collects the "Broker Statistics: SQL Send Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Average Microseconds/Write

Collects the "HTTP Storage: Average Microseconds/Write" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Rows processed/sec (first in bucket)

Collects the Linux "Rows processed/sec (first in bucket)" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued Transport Message Fragments per Second

Collects the "Broker Statistics: Enqueued Transport Message Fragments per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Re-Compilations per Second

Collects the Linux "SQL Recompiles per Second" performance counter for each instance of SQL DB Engine on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Dusty corner scan retries/sec (GC-issued)

Collects the Linux "Dusty corner scan retries/sec (GC-issued)" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Transactions aborted/sec

Collects the Linux "Transactions aborted/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Missed Credit Slots

Collects the Linux "Missed Credit Slots" performance counter for the XTP IO Rate Governor.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued Messages per Second

Collects the "Broker Statistics: Enqueued Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Log bytes written/sec

Collects the Linux "Log bytes written/sec" performance counter for XTP transaction logging in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Parallel GC work item/sec

Collects the Linux "Parallel GC work item/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Checkpoints Completed

Collects the Linux "Checkpoints Completed" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: HTTP Storage I/O Retry per Second

Collects the "HTTP Storage: HTTP Storage I/O Retry per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Activation: Tasks Running

Collects the "Broker Activation: Tasks Running" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Current Message Fragments for Send I/O

Collects the "Broker/DBM Transport: Current Message Fragments for Send I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Activation: Task Limit Reached

Collects the "Broker Activation: Task Limit Reached" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Pending Bytes for Send I/O

Collects the "Broker/DBM Transport: Pending Bytes for Send I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Merges Abandoned

Collects the Linux "Merges Abandoned" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment P8 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P8 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Expired rows removed/sec

Collects the Linux "Expired rows removed/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Transactions aborted by user/sec

Collects the Linux "Transactions aborted by user/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Rows processed/sec

Collects the Linux "Rows processed/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Total Transactions per Second

Collects the Linux "Transaction per Second" performance counter for the _Total instance of the databases performance object for each instance of SQL DB Engine on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Phantom expired rows removed/sec

Collects the Linux "Phantom expired rows removed/sec" performance counter for the XTP engine's phantom processing subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Open Connection Count

Collects the "Broker/DBM Transport: Open Connection Count" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Forwarded Messages Discarded per Second

Collects the "Broker Statistics: Forwarded Messages Discarded per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Write Bytes per Second

Collects the "HTTP Storage: Write Bytes per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Total Bytes per Second

Collects the "HTTP Storage: Total Bytes per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued P3 Messages per Second

Collects the "Broker Statistics: Enqueued P3 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Forwarded Pending Message Count

Collects the "Broker Statistics: Forwarded Pending Message Count" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Sweep rows touched/sec

Collects the Linux "Sweep rows touched/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: SQL Receive Total

Collects the "Broker Statistics: SQL Receive Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment Sends per Second

Collects the "Broker/DBM Transport: Message Fragment Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Corrupted Messages Total

Collects the "Broker Statistics: Corrupted Messages Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued P6 Messages per Second

Collects the "Broker Statistics: Enqueued P6 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Forwarded Messages per Second

Collects the "Broker Statistics: Forwarded Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Average Bytes/Write

Collects the "HTTP Storage: Average Bytes/Write" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Pending Bytes for Receive I/O

Collects the "Broker/DBM Transport: Pending Bytes for Receive I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Sweep expired rows touched/sec

Collects the Linux "Sweep expired rows touched/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Rows touched/sec

Collects the Linux "Rows touched/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Phantom expired rows touched/sec

Collects the Linux "Phantom expired rows touched/sec" performance counter for the XTP engine's phantom processing subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Save points created/sec

Collects the Linux "Save points created/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Sweep expired rows removed/sec

Collects the Linux "Sweep expired rows removed/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Broker Statistics: Forwarded Pending Message Bytes

Collects the "Broker Statistics: Forwarded Pending Message Bytes" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued Transport Message Frag Tot

Collects the "Broker Statistics: Enqueued Transport Message Frag Tot" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued P7 Messages per Second

Collects the "Broker Statistics: Enqueued P7 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Merge Policy Evaluations

Collects the Linux "Merge Policy Evaluations" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment P4 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P4 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Activation: Stored Procedures Invoked per Second

Collects the "Broker Activation: Stored Procedures Invoked per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cursor unique violations/sec

Collects the Linux "Cursor unique violations/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL Compilations per Second

Collects the Linux "SQL Compilations per Second" performance counter for each instance of SQL DB Engine on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cursor inserts/sec

Collects the Linux "Cursor inserts/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Engine Page Life Expectancy (s)

SQL DB Engine on Linux Page Life Expectancy (s) performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Transaction validation failures/sec

Collects the Linux "Transaction validation failures/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Sweep scans started/sec

Collects the Linux "Sweep scans started/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: SQL Sends per Second

Collects the "Broker Statistics: SQL Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Stale Rate Object Waits/sec

Collects the Linux "Stale Rate Object Waits/sec" performance counter for the XTP IO Rate Governor.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Sweep expiring rows touched/sec

Collects the Linux "Sweep expiring rows touched/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment P1 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P1 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Buffer Cache Hit Ratio

Collects the Linux "Buffer Cache Hit Ratio" performance counter for each instance of SQL DB Engine on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Rows processed/sec (first in bucket and removed)

Collects the Linux "Rows processed/sec (first in bucket and removed)" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Engine Average Wait Time (Milliseconds)

SQL DB Engine on Linux Average Wait Time performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: HTTP Storage I/O Failed per Second

Collects the "HTTP Storage: HTTP Storage I/O Failed per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Io Issued/sec

Collects the Linux "Io Issued/sec" performance counter for the XTP IO Rate Governor.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Broker Statistics: SQL Receives per Second

Collects the "Broker Statistics: SQL Receives per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Outstanding HTTP Storage I/O

Collects the "HTTP Storage: Outstanding HTTP Storage I/O" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cursor updates/sec

Collects the Linux "Cursor updates/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Pending Message Fragments for Send I/O

Collects the "Broker/DBM Transport: Pending Message Fragments for Send I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Cascading aborts/sec

Collects the Linux "Cascading aborts/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Checkpoints Closed

Collects the Linux "Checkpoints Closed" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment P10 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P10 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: SQL User Connections

Counts the number of users currently connected to SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Rows processed/sec (no sweep needed)

Collects the Linux "Rows processed/sec (no sweep needed)" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Receive I/O Buffer Copies Count

Collects the "Broker/DBM Transport: Receive I/O Buffer Copies Count" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued P2 Messages per Second

Collects the "Broker Statistics: Enqueued P2 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Receive I/O Buffer Copies bytes per Second

Collects the "Broker/DBM Transport: Receive I/O Buffer Copies bytes per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Forwarded Message Byte Total

Collects the "Broker Statistics: Forwarded Message Byte Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment Send Size Average

Collects the "Broker/DBM Transport: Message Fragment Send Size Average" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Enqueued P9 Messages per Second

Collects the "Broker Statistics: Enqueued P9 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Commit dependencies taken/sec

Collects the Linux "Commit dependencies taken/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Number of Lock Requests per Second

Collects the Linux "Number of Lock Requests per Second" performance counter for each instance of SQL DB Engine on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Dialog Timer Event Count

Collects the "Broker Statistics: Dialog Timer Event Count" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Dusty corner scan retries/sec (user-issued)

Collects the Linux "Dusty corner scan retries/sec (user-issued)" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Rows returned/sec

Collects the Linux "Rows returned/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: HTTP Storage: Average Microseconds/Transfer

Collects the "HTTP Storage: Average Microseconds/Transfer" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Activation: Tasks Started per Second

Collects the "Broker Activation: Tasks Started per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker/DBM Transport: Message Fragment P9 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P9 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Broker Statistics: Forwarded Messages Total

Collects the "Broker Statistics: Forwarded Messages Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Engine - Tasks

Global Configuration Settings

Global Configuration Settings.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Engine - Console Tasks

SQL Management Studio

SQL Profiler

MSSQL on Linux: DB File

Microsoft SQL Server database file on Linux.

MSSQL on Linux: DB File - Discoveries

MSSQL on Linux: Discover SQL Server DB Files

This rule discovers the file information for each SQL Server Database on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB File - Unit monitors

DB File Free Space Left

The monitor reports a warning when the free space (including both already allocated space and free space on the media) drops below the Warning Threshold setting, expressed as percentage of the sum of data size plus disk free space. The monitor reports a critical alert when the free space drops below the Critical Threshold.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True

Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Critical Threshold	The monitor will change its state to Critical if the value drops below this threshold. Being between this threshold and the warning threshold (inclusive) will result in the monitor being in a warning state.	10
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15
Warning Threshold	The monitor will change its state to Warning if the value drops below this threshold.	20

MSSQL on Linux: DB File - Rules (non-alerting)

MSSQL on Linux: DB File Free Space Total (MB)

The amount of space left in a file in megabytes. Also, includes space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this	1048576

	value as a maximum storage capacity for each file.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB File Allocated Free Space (%)

The amount of space left in a file in percentage terms. Does not include space left on media hosting a file with autogrowth enabled

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: DB File Allocated Free Space (MB)

The amount of space left in a file in megabytes. Does not include space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB File Free Space Total (%)

The amount of space left in a file in percentage terms. Also, includes space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage.	1048576

	The workflow will consider this value as a maximum storage capacity for each file.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Filegroup

Microsoft SQL Server database Filegroup on Linux.

MSSQL on Linux: DB Filegroup - Discoveries

MSSQL on Linux: Discover SQL Server DB Filegroups

This rule discovers the Filegroup information for each SQL Server Database on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Filegroup - Dependency (rollup) monitors

DB Files Performance

Rolls up all DB Files performance monitors to the DB Filegroup.

DB Files Availability

Rolls up all DB Files availability monitors to the DB Filegroup.

DB Files Configuration

Rolls up all DB Files configuration monitors to the DB Filegroup.

DB Files Security

Rolls up all DB Files security monitors to the DB Filegroup.

MSSQL on Linux: DB FILESTREAM Filegroup

Microsoft SQL Server FILESTREAM Filegroup on Linux.

MSSQL on Linux: DB FILESTREAM Filegroup - Discoveries

MSSQL on Linux: Discover FILESTREAM Filegroups

This rule discovers DB FILESTREAM Filegroup information for each SQL Server Database on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Log File

Microsoft SQL Server database transaction log file on Linux.

MSSQL on Linux: DB Log File - Discoveries

MSSQL on Linux: Discover SQL Server Transaction Log File

This rule discovers transaction log files for each SQL Server Database on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Log File - Unit monitors

DB Log File Free Space Left

The monitor reports a warning when the free space (including both already allocated space and free space on the media) drops below the Warning Threshold setting, expressed as percentage of the sum of data size plus disk free space. The monitor reports a critical alert when the free space drops below the Critical Threshold.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Critical Threshold	The monitor will change its state to Critical if the value drops below this threshold. Being between this threshold and the warning threshold (inclusive) will result in the monitor being in a warning state.	10

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15
Warning Threshold	The monitor will change its state to Warning if the value drops below this threshold.	20

MSSQL on Linux: DB Log File - Rules (non-alerting)

MSSQL on Linux: DB Log File Allocated Free Space (%)

The amount of space left in all log files for this database in percentage terms. Does not include space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Log File Allocated Free Space (MB)

The amount of space left in all log files for this database in megabytes. Does not include space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Log File Free Space Total (MB)

The amount of space left in all log files for this database in megabytes. Also, includes space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Log File Free Space Total (%)

The amount of space left in all log files for this database in percentage terms. Also, includes space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Memory-Optimized Data Container

Microsoft SQL Server Database Memory-Optimized Data Filegroup container on Linux.

MSSQL on Linux: DB Memory-Optimized Data Container - Discoveries

MSSQL on Linux: Discover Memory-Optimized Data Filegroup Containers

This rule discovers the container information for each SQL Server Database on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Memory-Optimized Data Container - Unit monitors

Memory-Optimized Data Filegroup Container Free Space

The monitor reports a warning when the available disk space for the Memory-Optimized Data Filegroup Container drops below the Warning Threshold setting, expressed as percentage of the sum of the Memory-Optimized Data Filegroup Container size plus disk free space. The monitor reports a critical alert when the free space drops below the Critical Threshold.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True

Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Critical Threshold	The monitor will change the state to Critical if the value drops below this threshold.	10
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15
Warning Threshold	The monitor will change the state to Warning if the value drops below this threshold.	20

MSSQL on Linux: DB Memory-Optimized Data Container - Rules (non-alerting)

MSSQL on Linux: Memory-Optimized Data Filegroup container free space (%)

Collects the amount of free space available in the Memory-Optimized Data Filegroup container, expressed as percentage of the sum of disk free space and the size of data stored in the Memory-Optimized Data Filegroup container.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Memory-Optimized Data Filegroup container free space (MB)

Collects the amount of free space available for the Memory-Optimized Data Filegroup container (in Megabytes).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Memory-Optimized Data Filegroup

Microsoft SQL Server Database Memory-Optimized Data Filegroup on Linux.

MSSQL on Linux: DB Memory-Optimized Data Filegroup - Discoveries

MSSQL on Linux: Discover Memory-Optimized Data Filegroup

This rule discovers the Memory-Optimized Data Filegroup information for each SQL Server Database on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Memory-Optimized Data Filegroup - Unit monitors

Average length of the row chains in the hash buckets

This monitor checks Hash Index Empty Buckets Count and Average Length of the Row Chains in the SQL Database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Average Chain Length Threshold	Threshold for Average Chain Length that indicates the average length of the row chains in the hash buckets.	100
Display index count	The display count of not configured indexes according to the best practice.	5

Empty Bucket Percent Threshold	Threshold for Empty Bucket Percent that indicates the number of empty buckets in the hash index.	10
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

XTP Configuration

This monitor checks the status of the SQL Database XTP Configuration. Note that this monitor works only with Enterprise, Developer, and Evaluation editions of Microsoft SQL Server. With other editions, the monitor will always be in healthy state. In addition, the monitor does not check if an XTP container and the log file are stored on different physical disks due to Linux specifics.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Memory-Optimized Data Stale Checkpoint File Pairs Ratio

The monitor reports a warning state and raises an alert when the ratio of stale checkpoint file pairs in Memory-Optimized Data Filegroup is higher than the specified thresholds.
Please note that the alerts are raised only if the corresponding database is reasonably big (300 or more checkpoint files total).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Checkpoint File Pairs Threshold	An alert would be generated if Checkpoint File Pairs total count greater than or equal to the Checkpoint File Pairs Threshold.	300
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach the thresholds before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	The collected ratio will be compared against this parameter.	60
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Empty Bucket percent in the hash index

This monitor checks Hash Index Empty Buckets Count in the SQL Database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	True
Display index count	The display count of not configured indexes according to the best practice.	5
Empty Bucket Percent Threshold	Threshold for Empty Bucket Percent that indicates the number of empty buckets in the hash index.	10
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: DB Memory-Optimized Data Filegroup - Dependency (rollup) monitors

Containers Security

Rolls up all Containers security monitors to the DB Memory-Optimized Data Filegroup.

Containers Performance

Rolls up all Containers performance monitors to the DB Memory-Optimized Data Filegroup.

Containers Availability

Rolls up all Containers availability monitors to the DB Memory-Optimized Data Filegroup.

Containers Configuration

Rolls up all Containers configuration monitors to the DB Memory-Optimized Data Filegroup.

MSSQL on Linux: DB Memory-Optimized Data Filegroup - Rules (non-alerting)

MSSQL on Linux: XTP Memory Used (KB)

Collects the Linux "XTP Memory Used (KB)" performance counter for SQL Database with Memory-Optimized tables.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Checkpoint File Pairs Waiting For Log Truncation

Collects the number of Checkpoint Files Waiting For Log Truncation in Memory-Optimized Data Filegroup.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Memory Used By Indexes (MB)

Collects the amount of memory allocated for indexes defined for memory-optimized tables in the given SQL Server Database on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Precreated Checkpoint Files

Collects the number of Precreated Checkpoint Files in Memory-Optimized Data Filegroup.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: XTP Controller DLC Latency/Fetch

Collects the Linux "XTP Controller DLC Latency/Fetch" performance counter for SQL Database with Memory-Optimized tables.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Active Checkpoint File Pairs

Collects the number of active checkpoint file pairs in Memory-Optimized Data Filegroup.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Merge Target Checkpoint File Pairs

Collects the number of merge target checkpoint file pairs in Memory-Optimized Data Filegroup.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XTP Controller DLC Peak Latency

Collects the Linux "XTP Controller DLC Peak Latency" performance counter for SQL Database with Memory-Optimized tables.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Checkpoint File Pairs Under Construction

Collects the number of checkpoint file pairs under construction in Memory-Optimized Data Filegroup.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Memory Used By Tables (MB)

Collects the amount of memory allocated for memory-optimized tables in the given SQL Server Database on Linux.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: XTP Controller Log Processed/sec

Collects the Linux "XTP Controller Log Processed/sec" performance counter for SQL Database with Memory-Optimized tables.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Default Resource Pool

Microsoft SQL Server Default Resource Pool on Linux.

MSSQL on Linux: Default Resource Pool - Discoveries

MSSQL on Linux: Discover Database Engine Resource Pools

This rule discovers all resource pools for a given instance of SQL Server DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Ignore the pools without Memory-Optimized Data	Must be 'true' or 'false'. When this property is set to true then discovery will discover only pools with bound databases. A database can be bound	true

	to a pool by using function sys.sp_xtp_bind_db_resource_pool.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Linux: Discover Database Engine Resource Pool managing Memory-Optimized Data resources

This rule discovers a resource pool that manages Memory-Optimized Data resources of the target SQL Server database and a relation between Resource Pool and the database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Linux: Group of Linux Availability Replicas

Group of Linux Availability Replicas.

MSSQL on Linux: Group of Linux Availability Replicas - Discoveries

MSSQL on Linux: Populate Group of Linux Availability Replicas

Populate Group of Linux Availability Replicas.

MSSQL on Linux: Group of Linux Database Replicas

Group of Linux Database Replicas.

MSSQL on Linux: Group of Linux Database Replicas - Discoveries

MSSQL on Linux: Populate Group of Linux Database Replicas

Populate Group of Linux Database Replicas.

MSSQL on Linux: Internal Resource Pool

Microsoft SQL Server Internal Resource Pool on Linux.

MSSQL on Linux: Internal Resource Pool - Discoveries

MSSQL on Linux: Discover Database Engine Resource Pools

This rule discovers all resource pools for a given instance of SQL Server DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Ignore the pools without Memory-Optimized Data	Must be 'true' or 'false'. When this property is set to true then discovery will discover only pools with bound databases. A database can be bound to a pool by using function sys.sp_xtp_bind_db_resource_pool.	true
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Linux: Memory-Optimized Data Resource Pool Group

SQL Server Memory-Optimized Data Resource Pool Group on Linux contains all SQL Server Resource Pools that manage Memory-Optimized Data resources on Linux.

MSSQL on Linux: Memory-Optimized Data Resource Pool Group - Discoveries

MSSQL on Linux: SQL Server Memory-Optimized Data Resource Pool Group Discovery

Discovery of SQL Server Memory-Optimized Data Resource Pool Group.

MSSQL on Linux: Memory-Optimized Data Scope Group

SQL Server Memory-Optimized Data Scope Group on Linux contains all SQL Server Memory-Optimized Data objects such as Memory-Optimized Data Filegroups, Containers and Resource Pools on Linux.

MSSQL on Linux: Memory-Optimized Data Scope Group - Discoveries

MSSQL on Linux: Memory-Optimized Data Scope Group Discovery

Discovery of SQL Server Memory-Optimized Data Scope Group on Linux.

MSSQL on Linux: Monitoring Pool Alert Collection

Microsoft SQL Server on Linux Monitoring Pool Alert Collection. This object is used to collect Linux module errors and warnings from event log of nodes that are the members of the SQL Server Monitoring Pool.

MSSQL on Linux: Monitoring Pool Alert Collection - Discoveries

MSSQL on Linux: Discover SQL Server Monitoring Pool Alert Collections

This rule discovers a Monitoring Pool Alert Collection for a MSSQL on Linux. This object is used to collect module errors and warnings from event log of nodes that are the members of the SQL Server Monitoring Pool.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

MSSQL on Linux: Monitoring Pool Alert Collection - Rules (alerting)

MSSQL on Linux: Monitoring warning

The rule traces monitoring workflows warnings and generates warning alerts.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

MSSQL on Linux: Monitoring error

The rule traces monitoring workflows errors and generates error alerts.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

MSSQL on Linux: Discovery Warning

The rule traces discovery workflows warnings and generates warning alerts.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

MSSQL on Linux: Discovery Error

The rule traces discovery workflows errors and generates error alerts.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

MSSQL on Linux: Resource Pool

Microsoft SQL Server Resource Pool Abstract Class on Linux.

MSSQL on Linux: Resource Pool - Rules (non-alerting)

MSSQL on Linux: Current memory target for cache memory (KB)

Collects the Linux "Cache memory target (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Number of queries waiting for memory grants in the resource pool.

Collects the Linux "Pending memory grants count" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Total amount of granted memory in the resource pool (KB)

Collects the Linux "Active memory grants count" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Number of query memory grants in the resource pool

Collects the Linux "Active Memory grant amount (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Number of query memory grants per second occurring in the resource pool

Collects the Linux "Memory grants/sec" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Number of query memory grant timeouts per second occurring in the resource pool

Collects the Linux "Memory grant timeouts/sec" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Maximum amount of memory the resource pool can have based on the settings and server state (KB)

Collects the Linux "Max memory (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Linux: Used amount of memory in the resource pool (KB)

Collects the Linux "Used memory (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Current memory target for query compile (KB)

Collects the Linux "Compile Memory Target (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Target amount of memory the resource pool is trying to attain based on the settings and server state (KB)

Collects the Linux "Target memory (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: Current memory target for query execution memory grant (KB)

Collects the Linux "Query exec memory target (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: User Resource Pool

Microsoft SQL Server User Resource Pool on Linux Abstract Class.

MSSQL on Linux: User Resource Pool - Unit monitors

Resource Pool Memory Consumption

The monitor reports a critical state and raises an alert when the amount of memory used by the resource pool is greater than the Threshold setting, expressed as a percentage of memory available for Memory-Optimized Data tables for the given resource pool.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	The collected value will be compared against this parameter.	90
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: User Resource Pool - Rules (non-alerting)

MSSQL on Linux: User Resource Pool Memory Consumption (%)

Collects amount of memory used by the resource pool, expressed as a percentage of memory available for Memory-Optimized Data tables for the given Resource Pool.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: User Resource Pool Memory Consumption (MB)

Collects amount of memory used by the resource pool (in Megabytes).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Linux: User-Defined Resource Pool

Microsoft SQL Server User-Defined Resource Pool on Linux.

MSSQL on Linux: User-Defined Resource Pool - Discoveries

MSSQL on Linux: Discover Database Engine Resource Pools

This rule discovers all resource pools for a given instance of SQL Server DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Ignore the pools without Memory-Optimized Data	Must be 'true' or 'false'. When this property is set to true then discovery will discover only pools with bound databases. A database can be bound to a pool by using function sys.sp_xtp_bind_db_resource_pool.	true
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Linux: Discover Database Engine Resource Pool managing Memory-Optimized Data resources

This rule discovers a resource pool that manages Memory-Optimized Data resources of the target SQL Server database and a relation between Resource Pool and the database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

SQL Server Availability Group

This object represents Availability Group SMO object and contains all properties required for identification and monitoring.

SQL Server Availability Group - Discoveries

MSSQL on Linux: General Always On Discovery

This discovery is used to define which instances have Always On enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

SQL Server Availability Group - Dependency (rollup) monitors

Availability Group Online (Linux rollup)

This monitor checks the online or offline state of availability group. The monitor is in unhealthy state and alert is raised when the availability group's cluster resource is offline or the availability group does not have a primary replica. The monitor state is healthy when the cluster resource of availability group is online and the availability group has a primary replica. This monitor is a dependency (rollup) monitor.

Availability Group Automatic Failover (Linux rollup)

This monitor checks if the availability group has at least one secondary replica which is failover ready. The monitor becomes unhealthy and alert is registered when the failover mode of primary replica is automatic but none of secondary replica in the availability group is automatic failover ready. The monitor is healthy when at least one secondary replica is automatic failover ready. This monitor is a dependency (rollup) monitor.

Availability Group Extended Health State (Linux rollup)

This is the rollup monitor for all extended health monitors. Extended health monitors are automatically generated by discovering the existing health policies in SQL server instances on Linux.

Availability Replicas Data Synchronization (Linux rollup)

This monitor rolls up the data synchronization state of all availability replicas and checks whether any availability replica is not in the expected synchronization state. The monitor is unhealthy when any

asynchronous replica is not in SYNCHRONIZING state and any synchronous replica is not in SYNCHRONIZED state. The monitor state is healthy otherwise. This monitor is a dependency (rollup) monitor.

Availability Replicas Connection (Linux rollup)

This monitor rolls up the connection state of all availability replicas and check whether any availability replica is DISCONNECTED. The monitor is unhealthy when any availability replica is DISCONNECTED. The monitor is healthy otherwise. This monitor is a dependency (rollup) monitor.

Availability Replicas Role (Linux rollup)

This monitor rolls up the state of role of all availability replicas and checks whether any availability replica is not in a healthy role. The monitor is unhealthy when any availability replica is neither primary nor secondary. The monitor is healthy state otherwise. This monitor is a dependency (rollup) monitor.

Synchronous Replicas Data Synchronization (Linux rollup)

This monitor rolls up the data synchronization state of all availability replicas and checks whether any availability replica is not in the expected synchronization state. The monitor is unhealthy when any asynchronous replica is not in SYNCHRONIZING state and any synchronous replica is not in SYNCHRONIZED state. The monitor state is healthy otherwise. This monitor is a dependency (rollup) monitor.

SQL Server on Windows Management Pack Objects and Workflows

MSSQL on Windows: Agent

The SQL Server Agent component that runs as part of a Microsoft SQL Server Database Engine on Windows.

MSSQL on Windows: Agent - Discoveries

MSSQL on Windows: Discover SQL Server Agent for a Database Engine

This rule discovers the SQL Server Agent for an instance of SQL Server DB Engine on Windows. There could be only one SQL Server Agent instance for each DB Engine instance.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Agent - Unit monitors

SQL Server Agent Service

This monitor checks the status of the SQL Agent service for this instance of SQL Server.
Note that SQL Server Agent Windows Service is not supported by any edition of SQL Server Express.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Alert only if service startup type is automatic	This may only be set to 'true' or 'false'. If set to 'false', then alerts will be triggered no matter what the startup type is set to. Default is 'true'.	true
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	600
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Long Running Jobs

This monitor checks for long running SQL Agent jobs.
Note that SQL Server Agent Service is not supported by any edition of SQL Server Express; there is no

appropriate discovered object. This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold (minutes)	The monitor will change its state to Critical if the value exceeds this threshold. Being between this threshold and the warning threshold (inclusive) will result in the monitor being in a warning state.	120
Included continuously executed jobs	Some SQL Agent Jobs may run infinitely (until Agent stops). They usually have schedule type 'Start automatically when SQL Server Agent starts'. For example, SQL Server Replication often uses such jobs. These jobs lead to false alerts and by default monitor doesn't takes them in account. But there may be exclusions when such jobs run for a short time. In order to monitor such jobs one should define a list of these jobs' names delimited by comma.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	600
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Warning Threshold (minutes)	Warning threshold. Exceeding this threshold will result in the monitor changing to at least a warning state.	60

MSSQL on Windows: Agent - Dependency (rollup) monitors

Agent Jobs Configuration

Rolls up all Agent Jobs configuration monitors to the SQL Server Agent.

Agent Jobs Security

Rolls up all Agent Jobs security monitors to the SQL Server Agent.

Agent Jobs Availability

Rolls up all Agent Jobs availability monitors to the SQL Server Agent.

Agent Jobs Performance

Rolls up all Agent Jobs performance monitors to the SQL Server Agent.

MSSQL on Windows: Agent - Rules (alerting)

MSSQL on Windows: Job step cannot be run because the subsystem failed to load

A SQL Server job failed to run because the SQL Server Agent subsystem failed to load.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not originate from the computer that is specified in the ComputerName parameter.	false
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

MSSQL on Windows: Step of a job caused an exception in the subsystem

A specific job step caused SQL Server Agent to write an error to the Windows Application log. The log will show the specific job and job step.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not originate from the computer that is specified in the ComputerName parameter.	false
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

MSSQL on Windows: SQL Server Agent is unable to connect to SQL Server

The SQL Server Agent Service could not connect to the instance of SQL Server. This error may occur when the SQL Server Agent service account does not have a valid login on SQL Server

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not originate from the computer that is specified in the ComputerName parameter.	false
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

MSSQL on Windows: SQL Server Agent initiating self-termination

SQL Server Agent has shut down the SQL Server Agent service.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not originate from the computer that is specified in the ComputerName parameter.	false

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

MSSQL on Windows: A SQL job failed to complete successfully

A SQL Server Agent Job Failed. The SQL Server Agent is responsible for running SQL Server tasks scheduled to occur at specific times or intervals as well as detecting specific conditions for which administrators have defined an action, such as alerting someone through pages or e-mail, or a task that will address the conditions. The SQL Server Agent is also used for running replication tasks defined by administrators. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not originate from the computer that is specified in the ComputerName parameter.	false
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

MSSQL on Windows: SQL Server Agent could not be started

A process or a person attempted to start the SQL Server Agent service, but the service did not start.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not originate from the computer that is specified in the ComputerName parameter.	false
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

MSSQL on Windows: Unable to re-open the local eventlog

SQL Server Agent was unable to open the local event log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not originate from the computer that is specified in the ComputerName parameter.	false
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

MSSQL on Windows: Alert engine stopped due to unrecoverable local eventlog errors

SQL Server Agent was unable to open the local event log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not originate from the computer that is specified in the ComputerName parameter.	false
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

MSSQL on Windows: Agent Job

All Microsoft SQL Server agent jobs on Windows.

MSSQL on Windows: Agent Job - Discoveries

MSSQL on Windows: Discover SQL Server Agent Jobs

This rule discovers all SQL Server Agent Jobs on Windows

Name	Description	Default value
Enabled	Enables or disables the workflow.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Agent Job - Unit monitors

Last Run Status

SQL Agent Job on Windows Last Run State Monitor. Monitors the last run state of an SQL Agent Job. Note that SQL Server Agent Windows Service is not supported by any edition of SQL Server Express; there is no appropriate discovered object.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	600
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Job Duration

Monitors Agent Job Duration.
Note that SQL Server Agent Windows Service is not supported by any edition of SQL Server Express; there is no appropriate discovered object.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold (minutes)	The monitor will change its state to Critical if the value exceeds this threshold. Being between this threshold and the warning threshold (inclusive) will result in the monitor being in a warning state.	120
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	600
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15
Warning Threshold (minutes)	Warning threshold. Exceeding this threshold will result in the monitor changing to at least a warning state.	60

MSSQL on Windows: All SQL Server Filegroups Group

All SQL Server Filegroups Group on Windows contains all SQL Server filegroups such as database Filegroups, Memory-Optimized Data Filegroups, FILESTREAM Filegroups on Windows.

MSSQL on Windows: All SQL Server Filegroups Group - Discoveries

MSSQL on Windows: All SQL Server Filegroups Group Discovery

Discovery of All SQL Server Filegroups Group on Windows.

MSSQL on Windows: All SQL Server Objects Group

The SQL Server All SQL Server objects Group on Windows contains SQL Server objects, which can raise alerts.

MSSQL on Windows: All SQL Server Objects Group - Discoveries

MSSQL on Windows: All SQL Server Objects Group Discovery

Discovery of MSSQL All SQL Server Objects Group on Windows.

MSSQL on Windows: Always On Seed

This object indicates that the particular Microsoft SQL Server on Windows installation has Always On components enabled.

MSSQL on Windows: Always On Seed - Discoveries

MSSQL on Windows: Always On Seed Discovery

This discovery is used to define which instances have Always On enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Group Critical Policy

Custom User Policy, which has Availability Group as Facet and one of the error categories as Policy Category.

MSSQL on Windows: Availability Group Critical Policy - Discoveries

MSSQL on Windows: Availability Group Custom User Policy Discovery

Discovery of Custom User Policies for Always On Availability Groups. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value

Enabled	Enables or disables the workflow.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Group Critical Policy - Unit monitors

Availability Group Health Policy

Two-state monitor with 'Error' critical state used particularly for reflecting state of Custom User Policies, which have Availability Group as Facet and one of the predefined error categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Group Health

A hidden object, which is used to roll up the health from agents to availability group level.

MSSQL on Windows: Availability Group Health - Discoveries

MSSQL on Windows: General Always On Discovery

This discovery is used to define which instances have Always On enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Group Health - Unit monitors

Availability Group Online monitor

Availability Group Online

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Replicas Connection monitor

Availability Replicas Connection

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Replicas Data Synchronization monitor

Availability Replicas Data Synchronization

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Group Automatic Failover monitor

Availability Group Automatic Failover

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Synchronous Replicas Data Synchronization monitor

Synchronous Replicas Data Synchronization

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Replicas Role monitor

Availability Replicas Role

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Group Health - Aggregate monitors

Availability Group Extended Health State

Availability Group Extended Health Aggregate State monitor.

MSSQL on Windows: Availability Group Health - Dependency (rollup) monitors

Availability Group Warning Policies (rollup)

This monitor is the rollup monitor for all Custom User Policies, which have Availability Group as Facet and one of the predefined warning categories as Policy Category.

Availability Group Critical Policies (rollup)

This monitor is the rollup monitor for all Custom User Policies, which have Availability Group as Facet and one of the predefined error categories as Policy Category.

MSSQL on Windows: Availability Group Warning Policy

Custom User Policy, which has Availability Group as Facet and one of the warning categories as Policy Category.

MSSQL on Windows: Availability Group Warning Policy - Discoveries

MSSQL on Windows: Availability Group Custom User Policy Discovery

Discovery of Custom User Policies for Always On Availability Groups. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Group Warning Policy - Unit monitors

Availability Group Health Policy

Two-state monitor with 'Warning' critical state used particularly for reflecting state of Custom User Policies, which have Availability Group as Facet and one of the predefined warning categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Replica

This object represents Availability Replica SMO object and contains all properties required for identification and monitoring.

MSSQL on Windows: Availability Replica - Discoveries

MSSQL on Windows: General Always On Discovery

This discovery is used to define which instances have Always On enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Replica - Unit monitors

Securables Configuration Status

This monitor checks the status of Always On securables access configuration on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Availability Replica Role

This monitor checks the state of role of availability replica. The monitor is unhealthy when the availability replica's role is not primary or secondary. The monitor is healthy otherwise.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Replica Join State

This monitor checks the join state of availability replica. The monitor is unhealthy when the availability replica is added to the availability group but not joined properly. The monitor is healthy otherwise.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Replica Connection

This monitor checks the connection state between availability replicas. The monitor is unhealthy when the availability replica's connection state is DISCONNECTED. The monitor is healthy otherwise.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Replica Data Synchronization

This monitor rolls up the data synchronization state of all database replica in the availability replica. The monitor is unhealthy when any database replica is not in the expected data synchronization state. The monitor is healthy otherwise.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Replica - Dependency (rollup) monitors

Database Replicas Security

Rolls up all Database Replicas security monitors to the Availability Replica.

Database Replicas Performance

Rolls up all Database Replicas performance monitors to the Availability Replica.

Availability Replica Warning Policies Configuration

Rolls up all Availability Replica Warning Policies configuration monitors to the Availability Replica.

Availability Replica Critical Policies Configuration

Rolls up all Availability Replica Critical Policies configuration monitors to the Availability Replica.

Availability Replica Critical Policies Security

Rolls up all Availability Replica Critical Policies security monitors to the Availability Replica.

Availability Replica Warning Policies Availability

Rolls up all Availability Replica Warning Policies availability monitors to the Availability Replica.

Availability Replica Critical Policies Availability

Rolls up all Availability Replica Critical Policies availability monitors to the Availability Replica.

Database Replicas Configuration

Rolls up all Database Replicas configuration monitors to the Availability Replica.

Availability Replica Warning Policies Security

Rolls up all Availability Replica Warning Policies security monitors to the Availability Replica.

Availability Replica Warning Policies Performance

Rolls up all Availability Replica Warning Policies performance monitors to the Availability Replica.

Database Replicas Availability

Rolls up all Database Replicas availability monitors to the Availability Replica.

Availability Replica Critical Policies Performance

Rolls up all Availability Replica Critical Policies performance monitors to the Availability Replica.

MSSQL on Windows: Availability Replica - Rules (alerting)

MSSQL on Windows: Availability Group Failed

This error occurs when an attempt to join the availability replica to the availability group has failed. Note: this rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Replica Role Changed

This error occurs when Availability replica changes its role.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Replica - Rules (non-alerting)

MSSQL on Windows: Bytes Received from Replica / sec

Total number of bytes received from this replica over the network for the AG.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Flow Control / sec

Number of flow controls enabled for this replica per second.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Receives from Replica / sec

Total number of messages received from this replica for the AG.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Sends to Transport / sec

Number of messages sent over the network to this replica. This account for all the messages sent from this replica including control messages.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Bytes Sent to Replica / sec

The number of database message bytes enqueued to be send over the network to this replica. The bytes include messages for all databases in the AG.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Sends to Replica / sec

Number of messages enqueued to be send over the network to this replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Flow Control Time (ms/sec)

The number of milliseconds flow control was enabled to this replica within the last second.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Resent Messages / sec

The rate per second to get acknowledgements for messages sent to the replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Bytes Sent to Transport / sec

The total number of bytes send over the network to the replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Replica - Console Tasks

Forced Failover

Open SQLPS console and fail over to target Availability Replica that will make this replica to the new primary of availability group. In this task -AllowDataLoss parameter is used.

SQL Server PowerShell

Open SQLPS console and connect to target Availability Replica.

Manual Failover

Open SQLPS console and fail over to target Availability Replica that will make this replica to the new primary of availability group.

SQL Server Management Studio

Open SQL Server Management Studio and connect to target Availability Replica.

MSSQL on Windows: Availability Replica Critical Policy

Custom User Policy, which has Availability Replica as Facet and one of the error categories as Policy Category.

MSSQL on Windows: Availability Replica Critical Policy - Discoveries

MSSQL on Windows: Availability Replica Custom User Policy Discovery

Discovery of Custom User Policies for Always On Availability Replicas. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Replica Critical Policy - Unit monitors

Availability Replica Health Policy

Two-state monitor with 'Error' critical state used particularly for reflecting state of Custom User Policies, which have Availability Replica as Facet and one of the predefined error categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Replica Warning Policy

Custom User Policy, which has Availability Replica as Facet and one of the warning categories as Policy Category.

MSSQL on Windows: Availability Replica Warning Policy - Discoveries

MSSQL on Windows: Availability Replica Custom User Policy Discovery

Discovery of Custom User Policies for Always On Availability Replicas. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Availability Replica Warning Policy - Unit monitors

Availability Replica Health Policy

Two-state monitor with 'Warning' critical state used particularly for reflecting state of Custom User Policies, which have Availability Replica as Facet and one of the predefined warning categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Custom User Policy

Microsoft SQL Server Custom User Policy object on Windows.

MSSQL on Windows: Custom User Policy - Discoveries

MSSQL on Windows: Discover Database Custom User Policy

This rule discovers Custom User Policies for SQL Server Database on Windows. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database

Microsoft SQL Server Database on Windows.

MSSQL on Windows: Database - Discoveries

MSSQL on Windows: Discover SQL Server Databases for a Database Engine

This rule discovers all databases running for a given instance of SQL Server DB Engine on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Exclude List	A comma-separated list of databases that must be excluded from discovery. Use a wildcard character * to exclude all databases. Otherwise, use conditions like *_test to exclude database names that end with _test, Test* to exclude database names that start with Test, or *test* condition to exclude	

	database names that have test in any place.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database - Unit monitors

DB Disk Read Latency

Monitors the disk Read latency from all logical disks which host database files.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold	The monitor will change its state to Critical if the value exceeds this threshold.	40
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Page Verify Configuration

Monitors the Page Verify setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	CHECKSUM
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

DB Space Percentage Change

Monitors for a significant decrease of database free space over a number of sample periods. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this	1048576

	value as a maximum storage capacity for each file.	
Critical Threshold	The monitor will change its state to Critical if the value exceeds this threshold. Being between this threshold and the warning threshold (inclusive) will result in the monitor being in a warning state.	45
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	5
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Warning Threshold	Warning threshold. Exceeding this threshold will result in the monitor changing to at least a warning state.	25

DB Free Space Left

Monitors the space available in the database and on the media hosting the database in percentage terms. Note: This monitor is disabled by default. Please use overrides to enable it when necessary. This monitor does not count free space for FILESTREAM and Memory-Optimized Data file groups.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576

Critical Threshold	The monitor will change its state to Critical if the value drops below this threshold. Being between this threshold and the warning threshold (inclusive) will result in the monitor being in a warning state.	10
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Warning Threshold	The monitor will change its state to Warning if the value drops below this threshold.	20

Auto Close Configuration

Monitors the Auto Close setting for the database on Windows. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	OFF
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Recovery Model Configuration

Monitors the Recovery model setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	FULL
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Auto Create Statistics Configuration

Monitors the Auto Create Statistic setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value

Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	ON
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Auto Update Statistics Configuration

Monitors the Auto Update Statistics setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	ON
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Source Log Shipping

This monitor detects when a log shipping source has not had its logs backed up within the threshold defined as a part of the log shipping configuration.
Note that no Log Shipping is supported by any edition of SQL Server Express.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Database Status

This monitor checks the status of the database as reported by Microsoft SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Database Backup Status

This monitor checks the status of the database backup as reported by Microsoft SQL Server. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Backup Period (days)	The target backup frequency in days. Should be set according to your Recovery Point Objective (RPO).	7
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	86400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

Trustworthy Configuration

Monitors the Trustworthy setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	OFF
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

DB Chaining Configuration

Monitors the Cross-database Ownership Chaining Enabled setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True

Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	OFF
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Auto Shrink Configuration

Monitors the Auto Shrink setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	OFF
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

DB Disk Write Latency

Monitors the disk Write latency from all logical disks which host database files.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold	The monitor will change its state to Critical if the value exceeds this threshold.	25
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Destination Log Shipping

This monitor detects when a log-shipping destination has not had a log restored to it within the threshold defined as a part of the log-shipping configuration.
Note that no Log Shipping is supported by any edition of SQL Server Express.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Transaction Log Free Space (%)

Transaction Log Free Space (%) monitor for SQL DBs on Windows. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Threshold	The collected value will be compared against this parameter.	10

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Auto Update Statistics Async Configuration

Monitors the Auto Update Atatistics Asynchronously setting for the database. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Expected Value	Expected value of database configuration setting. To view the set of applicable values please refer to "Configuration" section of the knowledge base article of this monitor.	OFF
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database - Aggregate monitors

External Access Configuration

Monitors the aggregate external access configuration health for the database.

Recovery Configuration

Monitors the aggregate recovery configuration health for the database.

Automatic Configuration

This monitor aggregates the health of automatic configuration monitors.

DB Space

Monitors the aggregate space health for the database.

MSSQL on Windows: Database - Dependency (rollup) monitors

DB Memory-Optimized Data Filegroups Configuration

Rolls up all DB Memory-Optimized Data Filegroups configuration monitors to the Database.

Database Warning Policies Security

Rolls up all Database Warning Policies security monitors to the Database.

DB Log Files Configuration

Rolls up all DB Log Files configuration monitors to the Database.

DB Filegroups Performance

Rolls up all DB Filegroups performance monitors to the Database.

Database Warning Policies Availability

Rolls up all Database Warning Policies availability monitors to the Database.

DB Memory-Optimized Data Filegroups Performance

Rolls up all DB Memory-Optimized Data Filegroups performance monitors to the Database.

DB FILESTREAM Filegroups Configuration

Rolls up all DB FILESTREAM Filegroups configuration monitors to the Database.

DB FILESTREAM Filegroups Performance

Rolls up all DB FILESTREAM Filegroups performance monitors to the Database.

DB FILESTREAM Filegroups Availability

Rolls up all DB FILESTREAM Filegroups availability monitors to the Database.

DB Log Files Performance

Rolls up all DB Log Files performance monitors to the Database.

DB Filegroups Configuration

Rolls up all DB Filegroups configuration monitors to the Database.

DB Filegroups Availability

Rolls up all DB Filegroups availability monitors to the Database.

Database Critical Policies Performance

Rolls up all Database Critical Policies performance monitors to the Database.

Database Warning Policies Performance

Rolls up all Database Warning Policies performance monitors to the Database.

Database Critical Policies Availability

Rolls up all Database Critical Policies availability monitors to the Database.

DB Log Files Availability

Rolls up all DB Log Files availability monitors to the Database.

DB Filegroups Security

Rolls up all DB Filegroups security monitors to the Database.

Database Warning Policies Configuration

Rolls up all Database Warning Policies configuration monitors to the Database.

DB Memory-Optimized Data Filegroups Security

Rolls up all DB Memory-Optimized Data Filegroups security monitors to the Database.

Database Critical Policies Configuration

Rolls up all Database Critical Policies configuration monitors to the Database.

DB Log Files Security

Rolls up all DB Log Files security monitors to the Database.

Resources Pool Memory Consumption (rollup)

The monitor reports a critical state and raises an alert when the amount of memory used by the resource pool is greater than the Threshold setting, expressed as a percentage of memory available for Memory-Optimized Data tables for the given resource pool. This monitor is a dependency (rollup) monitor.

Database Critical Policies Security

Rolls up all Database Critical Policies security monitors to the Database.

DB Memory-Optimized Data Filegroups Availability

Rolls up all DB Memory-Optimized Data Filegroups availability monitors to the Database.

DB FILESTREAM Filegroups Security

Rolls up all DB FILESTREAM Filegroups security monitors to the Database.

MSSQL on Windows: Database - Rules (non-alerting)

MSSQL on Windows: DB Allocated Free Space (MB)

SQL on Windows DB Allocated Free Space (MB) performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Disk Read Latency (ms)

Collects maximum disk Read latency from all logical disks which host database files.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Transactions per Second Count

SQL on Windows DBs Transactions per second performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Active Sessions Count

SQL on Windows DBs Active Sessions performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Allocated Space (MB)

Collect database allocated size

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Free Space Total (MB)

The amount of space left in database for all files in all Filegroups for this database in megabytes. Also, includes space left on media hosting a file with autogrowth enabled.

Please note that this rule collects metrics for ROWS data only. Metrics for FILESTREAM and for Memory-Optimized Data data are ignored.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Active Connections Count

SQL on Windows DBs Active Connections performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Active Transactions Count

MSSQL on Windows DBs Active Transactions performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Allocated Space Used (MB)

SQL on Windows DBs Allocated Space Used (MB) performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Free Space Total (%)

The amount of space left in database for all files in all Filegroups for this database in percentage terms. Also, includes space left on media hosting a file with autogrowth enabled.
Please note that this rule collects metrics for ROWS data only. Metrics for FILESTREAM and for Memory-Optimized Data data are ignored.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: DB Transaction Log Free Space Total (%)

Collects unused transaction log space reported by SQL Server as a percentage of total transaction log space

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Free Outer Space (MB)

SQL on Windows DBs Free Outer Space (MB) performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this	1048576

	value as a maximum storage capacity for each file.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Active Requests Count

SQL on Windows DBs Active Requests performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Disk Write Latency (ms)

Collects maximum disk Write latency from all logical disks which host database files.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database - Tasks

Check Disk (DBCC)

Checks the consistency of disk space allocation structures for a specified database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Set Database to Emergency State

Set Database to Emergency State

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Set Database Online

Set Database Online

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Check Database (DBCC)

Checks the allocation, structural, and logical integrity of all the objects in the specified database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Set Database Offline

Set Database Offline

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Check Catalog (DBCC)

Checks for catalog consistency within the specified database. The database must be online.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database - Console Tasks

SQL Profiler

SQL Management Studio

MSSQL on Windows: Database Critical Policy

Microsoft SQL Server on Windows Custom User Policy, which has a Database as the Facet and one of the error categories as Policy Category.

MSSQL on Windows: Database Critical Policy - Unit monitors

Database Health Policy

Two-state monitor with 'Error' critical state used particularly for reflecting state of Custom User Policies, which have Database as Facet and one of the predefined error categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database Replica

This is a representation of Database Replica State SMO object.

MSSQL on Windows: Database Replica - Discoveries

MSSQL on Windows: Database Replicas Discovery

Discovery of database replica Always On objects.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database Replica - Unit monitors

Availability Database Suspension State

This monitor checks the state of data movement of the database replica. The monitor is unhealthy when the data movement is suspended. The monitor is healthy otherwise.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Availability Database Join State

This monitor checks the join state of database replica. The monitor is unhealthy when the database replica is not joined. The monitor is in healthy state otherwise.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

Availability Database Data Synchronization

This monitor checks the data synchronization state of database replica. The monitor is unhealthy when the data synchronization state is NOT SYNCHRONIZING or the state is not SYNCHRONIZED for synchronous commit database replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database Replica - Dependency (rollup) monitors

Database Replica Critical Policies Configuration

Rolls up all Database Replica Critical Policies configuration monitors to the Database Replica.

Database Replica Warning Policies Configuration

Rolls up all Database Replica Warning Policies configuration monitors to the Database Replica.

Database Replica Critical Policies Security

Rolls up all Database Replica Critical Policies security monitors to the Database Replica.

Database Replica Warning Policies Performance

Rolls up all Database Replica Warning Policies performance monitors to the Database Replica.

Database Replica Warning Policies Availability

Rolls up all Database Replica Warning Policies availability monitors to the Database Replica.

Database Replica Critical Policies Performance

Rolls up all Database Replica Critical Policies performance monitors to the Database Replica.

Database Replica Critical Policies Availability

Rolls up all Database Replica Critical Policies availability monitors to the Database Replica.

Database Replica Warning Policies Security

Rolls up all Database Replica Warning Policies security monitors to the Database Replica.

MSSQL on Windows: Database Replica - Rules (alerting)

MSSQL on Windows: Database Replica Role Changed

This error occurs when Database replica changes its role.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database Replica - Rules (non-alerting)

MSSQL on Windows: Mirrored Write Transactions / sec

The number of transactions processed through synchronization commits. Dividing transaction delay by mirrored transactions to get delay per transaction.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Redo blocked / sec

Number of times the REDO thread was blocked in this database since this database was brought ONLINE.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Log Bytes Received / sec

The number of log bytes received by this replica. This is valid only on the secondary replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Log Apply Pending Queue

Number of log blocks pending to be applied to the database replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Redo Bytes Remaining

The amount of log bytes remaining to be redone to finish the reverting phase.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Transaction Delay

The total time for all transactions waited on the secondary acknowledgement.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: File Bytes Received / sec

Amount of FILESTREAM data received by the secondary replica for the secondary database in the last second.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Recovery Queue

Amount of log records in the log files of the secondary replica that has not yet been redone.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Redone Bytes / sec

The rate at which log records are redone on the secondary replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Total Log requiring undo

Total kilobytes of log that must be undone.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Log Remaining for undo

The amount of log that need to be undone in KB.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Log Apply Ready Queue

Number of log blocks pending and ready to be applied to the database replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Log Send Queue

The size of the log send queue on this replica.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database Replica - Console Tasks

SQL Server PowerShell

Open SQLPS console and connect to Availability Replica of target Database Replica.

SQL Server Management Studio

Open SQL Server Management Studio and connect to Availability Replica of target Database Replica.

Suspend Data Movement

Open SQLPS console and suspend data movement for target Database Replica.

Resume Data Movement

Open SQLPS console and resume data movement for target Database Replica.

MSSQL on Windows: Database Replica Critical Policy

Custom User Policy, which has Database Replica State as Facet and one of the error categories as Policy Category.

MSSQL on Windows: Database Replica Critical Policy - Discoveries

MSSQL on Windows: Database Replica Custom User Policy Discovery

Discovery of Custom User Policies for Always On Database Replicas. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database Replica Critical Policy - Unit monitors

Database Replica Health Policy

Two-state monitor with 'Error' critical state used particularly for reflecting state of Custom User Policies, which have Database Replica State as Facet and one of the predefined error categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database Replica Warning Policy

Custom User Policy, which has Database Replica State as Facet and one of the warning categories as Policy Category.

MSSQL on Windows: Database Replica Warning Policy - Discoveries

MSSQL on Windows: Database Replica Custom User Policy Discovery

Discovery of Custom User Policies for Always On Database Replicas. Note: This discovery is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: Database Replica Warning Policy - Unit monitors

Database Replica Health Policy

Two-state monitor with 'Warning' critical state used particularly for reflecting state of Custom User Policies, which have Database Replica State as Facet and one of the predefined warning categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database Warning Policy

Microsoft SQL Server on Windows Custom User Policy, which has a Database as the Facet and one of the warning categories as Policy Category.

MSSQL on Windows: Database Warning Policy - Unit monitors

Database Health Policy

Two-state monitor with 'Warning' critical state used particularly for reflecting state of Custom User Policies, which have Database as Facet and one of the predefined warning categories as Policy Category.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Engine

An installation of a MSSQL Database Engine on Windows. The database engine hosts databases and other SQL Server components.

MSSQL on Windows: DB Engine - Discoveries

MSSQL on Windows: Discover SQL Server Database Engines

This rule discovers SQL Server DB Engines on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Engine - Unit monitors

SQL Full-text Filter Daemon Launcher Service

This monitor checks the status of the SQL Full-text Filter Daemon Launcher service. Note that SQL Full-text Search feature is not available in any edition of SQL Server Express, except SQL Server Express with Advanced Services. This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Alert only if service startup type is automatic	This may only be set to 'true' or 'false'. If set to 'false', then alerts will be triggered no matter what the startup type is set to. Default is 'true'.	true
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	600
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Managed Backup System Health Policy

The Managed Backup System Health Policy evaluates critical errors like lack of or invalid SQL Credentials, connectivity errors and reports the health of the system.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

CPU Utilization (%)

CPU Utilization (%) for MSSQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	The collected value will be compared against this parameter.	90
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Buffer Cache Hit Ratio

Buffer Cache Hit Ratio for DB Engine

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	The collected value will be compared against this parameter.	0
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Product Version Compliance

This monitor checks the product version number of the current SQL Server instance to determine the currently installed Cumulative Update.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Minimal Product Version for SQL Server	The minimal Product Version as per company policy. By default, it equals to 0 (integer).	14.0.3015.40
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

SQL Re-Compilation

SQL Re-Compilation for DB Engine. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	If the ratio between SQL Re-Compilation and SQL Compilation is greater than this threshold alert will be generated.	25
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Page Life Expectancy

Page Life Expectancy (s) for DB Engine

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	The collected value will be compared against this parameter.	300
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Blocking Sessions

Monitors blocked sessions for a SQL instance on Windows. Note: This monitor is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of blocked sessions	The maximum allowed number of blocked sessions.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15
Wait Time (minutes)	The minimum process execution duration before considering it for Blocked SPIDs analysis.	1

Thread Count

Thread Count for DB Engine

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Minimum Free Threads Threshold	The workflow determines the maximum number of threads and the number of active threads for each DB Engine process. An alert will be generated if the number of free threads is less or equal than this parameter.	10
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

DB Engine Health Status

This monitor checks the health state of the SQL Server DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Average Wait Time

Average Wait Time monitor for DBs

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	The collected value will be compared against this parameter.	250
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Managed Backup User Action Health Policy

The Managed Backup User Action Health Policy evaluates warnings such as corrupted backups, and such.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Securables Configuration Status

This monitor checks the status of Sql Server securables access configuration on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Stolen Server Memory

Stolen Server Memory for DB Engine

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	Alert will be generated if the Stolen Server Memory/SQL Server max memory ratio is greater than this threshold.	70
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Engine - Dependency (rollup) monitors

Databases Configuration

Rolls up all Databases configuration monitors to the DB Engine.

Databases Security

Rolls up all Databases security monitors to the DB Engine.

Databases Availability

Rolls up all Databases availability monitors to the DB Engine.

Databases Performance

Rolls up all Databases performance monitors to the DB Engine.

MSSQL on Windows: DB Engine - Rules (alerting)

MSSQL on Windows: Table error: Cross object linkage

The page P_ID1 points, in a parent-child manner, to a page (P_ID2) in a different object.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Starting without recovery

SQL Server is starting without recovery.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: An error occurred in the Service Broker manager

The rule triggers an alert when an error occurred in the SQL Server Service Broker manager.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: Error recovering database. Could not connect to MSDTC to check the completion status of transaction

When you are using MS DTC to manage a distributed transaction across multiple servers and a loss of connectivity occurs, the distributed transaction is left in an unknown or "in doubt" state. Common sources of interruptions are

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: An error occurred in the Service Broker queue rollback handler

SQL Server Service Broker raises MSSQLSERVER event ID 8405 when an error prevents Service Broker from disabling a queue during a rollback.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: The user is not allowed to truncate the system table

The TRUNCATE TABLE statement cannot be issued for a system table, even if the allow updates configuration option is enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cannot start service broker manager due to operating system error

The rule triggers an alert when SQL Server cannot start service broker manager due to operating system error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not resolve the referenced column name in table

This error occurs when you try to modify data in a table with a foreign key that references a column that no longer exists in the referenced table. Merely renaming a column will not cause this error. Under normal circumstances, a column referenced by a foreign key cannot be dropped, so this error may indicate that unsupported direct system table updates have occurred.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: The server is too busy to perform the backup or restore operation

Failed to start a sub-process (a parallel query or parallel I/O) because no threads are available or too many sub-processes executing.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not obtain exclusive lock on database

You may receive this error stating a lock could not be obtained for the model database if the model database is in use when you issue any CREATE DATABASE statement. Since a new database is copied from the model database, the model database has to be in a state with no activity.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not recover database due to unresolved transaction outcomes

The recovery process found pending transactions for the specified database. These transactions were either distributed transactions that used Microsoft Distributed Transaction Coordinator (MS DTC), or the transactions were single instance cross-database transactions. There is not enough information available for the recovery process to either commit or roll back one or more of those transactions.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Allocation page has invalid page header values.

The page specified has an invalid page header.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Invalid reference to LOB page

This error occurs when SQL Server uses an invalid reference to a LOB page in an operation. This error may occur due to several different reasons.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: The previous link on page does not match the previous page that the parent, slot expects for this page

A B-tree is structured so that pages at a single level point to each other, in a doubly linked list. In addition, the pages' parent in the B-tree has a record for each of its children with their keys and page IDs.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: A security (SSPI) error occurred when connecting to another Service Broker or Database Mirroring host

When Service Broker transport security uses SSPI, the service account for the remote database must have CONNECT permission in master database. Remote SQL Server instance should allow Windows Authentication for the account being used by remote host. There are no requirements for the login to have other permissions or to own objects in any database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Failed to add column to table

sp_repladdcolumn failed to add the specified column to the table in the publication database. If another error is reported along with this one, the other error should indicate the reason the column could not be added. If no other error is reported, the problem could be that the owner-qualified table does not exist, or the data type is not one that can be added to a replicated table. The data type of the new column must be either an identity, computed, or timestamp column; allow nulls; or have a default. For more information about sp_repladdcolumn, see "Schema Changes on Publication Databases" in Books Online.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: B-tree chain linkage mismatch.

There is a break in the logical page chain at some level in the B-tree specified (this can happen at any level, including the leaf level). A page P_ID2 is pointed to by the next page pointer of page P_ID1, but page P_ID2's previous page pointer points to a different page, P_ID3.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: B-tree page has two parent nodes

The B-tree structure is corrupt because page P_ID1 is referenced as a child page by slots in two pages higher in the B-tree, P_ID2 and P_ID3. A page can only be referenced by a single parent.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Internal Query Processor Error: The query processor encountered an internal limit overflow

This is an internal query processor error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: The text, ntext, or image node at page is not referenced

The text node was not referenced in any complex column in any heap or clustered index. It is effectively orphaned.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not mark database as suspect. Getnext NC scan on sysdatabases.dbid failed

The SQL Server recovery process tried to turn on the suspect flag for the specified database, but it could not find the appropriate row in sysdatabases or could not update the database information in memory. The reason the database needs to be marked suspect should be indicated by other messages in the SQL Server error log or the Event Viewer.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Login failed. The workstation licensing limit for SQL Server access has already been reached

SQL Server will not provide connections to workstations after the licensing limit has been reached.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XML: Failed to instantiate class. Make sure Msxml2.dll exists in the SQL Server installation

The Msxml2.dll file is missing from the computer where SQL Server is installed, or it could not be loaded from the system directory while processing an XML feature such as sp_xml_preparedocument. If the file exists, it may not be registered properly, or one of its dependencies may not exist.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cannot start service broker manager

The rule triggers an alert when SQL Server cannot start service broker manager.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Full Text Search: Search on full-text catalog failed with unknown result

The full-text query failed for an unspecified reason.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Failed to create AppDomain

The rule triggers an alert when an application tried to create an application domain, but failed. This may be caused when there is not enough memory to start the application domain.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cannot open backup device.

One or more of the files specified in a BACKUP or RESTORE command could not be opened. The potential reasons for this include:

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Logical consistency error after performing I/O on page

A consistency check failed when reading or writing a database page or transaction log block. The error message contains the specific type of consistency check that failed.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XML: FOR XML EXPLICIT stack overflow occurred. Circular parent tag relationships are not allowed

The XML is not well-formed because the element tag nesting level has exceeded the number of columns in the table, one or more tags is self-referencing, or both. For more information about FOR XML EXPLICIT, see "Using EXPLICIT Mode" in Books Online.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Potential deadlocks exist on all schedulers on Node

This message is raised when the server fails to respond to new queries within a certain time limit.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server Service Broker could not query the FIPS compliance mode flag from the registry

The rule triggers an alert when SQL Server Service Broker could not query the FIPS compliance mode flag from the registry.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: Backup device failed - Operating system error

This message indicates that the operating system was unable to open or close a backup device (disk, tape, or pipe) specified as part of a BACKUP or RESTORE command. For more information on backup devices, refer to the Books Online topics, "Backup Devices" and "BACKUP."

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Commit of internal MSDTC transaction failed

The rule triggers an error when COMMIT of internal MSDTC transaction failed

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Failed to drop column from table

sp_repldropcolumn failed to drop the specified column on the publication database. The error could result from a failed system table update or from a failure of the underlying ALTER TABLE statement.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Wrong PageId in the page header

DBCC asked for page P_ID1. When the page was read from disk, the page ID in its header was found to be P_ID2.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Full Text Search: Full-Text Search is not enabled for the current database. Use sp_fulltext_database to enable Full-Text Search

You have attempted to perform a full-text indexing in a database that is not enabled for full-text indexing. The database may have never been enabled for full-text, or it may have been restored or attached, which will automatically disable full-text indexing.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: An error occurred while processing SQL Server Service Broker mirroring routes

The rule triggers an alert when an error occurres while processing SQL Server Service Broker mirroring routes

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Extent object is beyond the range of this database

P_ID is a PageID of the form (filenum:pageinfile). The pageinfile of this extent is greater than the physical size of the file filenum of the database. The extent is marked allocated in an IAM page for the object/index ID indicated.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: The low-key value on page is not the key value in the parent

A B-tree tree level page contains a record for each child page, along with a key value for that child page. If the child page is a leaf-level page (that is, level 0), all records on the page must have key values greater than or equal to the key value in the parent page. If the child page is a tree-level page (that is, level > 0), all records must have key values greater than the key value in the parent, except the first record, which must have a key value that exactly matches that in the parent.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Full Text Search: An unknown full-text failure occurred

This error can occur in various circumstances. It is often related to permissions or missing files.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Conflict table does not exist

This error occurs when you try to add or drop a column to a merge article, but the conflict table specified in sysmergearticles for the modified article does not actually exist in the database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server Assertion (17066)

SQL Server has raised an error. Under normal circumstances, SQL Server has posted a dump file in the log directory to help identify the actions that preceded the error. The error may have been caused by data corruption, an error in the client application, an error in SQL Server, network instability, or hardware failure.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: Log Backup Failed to Complete

This error indicates that SQL Server could not complete the BACKUP of the specified database due to a previous error. The BACKUP command that failed is given at the end of the error message. This message also appears in the Windows application log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: The high key value on page is not less than the low-key value in the parent, slot of the next page

A B-tree tree-level page contains a record for each child page, along with a key value for that child page. If the child page is a leaf-level page, all records on the page must have key values greater than or equal to the key value in the parent page. If the child page is a tree-level page, all records must have key values greater than the key value in the parent, except the first record, which must have a key value that exactly matches that in the parent.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Logical page in database is already hashed

This error occurs when SQL Server attempts to hash the logical page %S_PGID of database ID%d and the page is already in the SQL Server hash table.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: IAM chain linkage error

There is a break in the IAM chain for the index specified. A page P_ID2 is pointed to by the next page pointer of page P_ID1, but page P_ID2's previous page pointer points to a different page, P_ID3. Both error states mean the same, and only differ in where the corruption was discovered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XTP Background Thread Error

The rule listens to event 41354 and raises a warning alert if the event is added to the log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: The query has been canceled because the estimated cost of this query exceeds the configured threshold. Contact the system administrator

The configuration setting for the query governor cost limit option is lower than the cost the SQL Server optimizer estimated for the specified query. By default, the query governor cost limit option is set to 0, which allows all queries to run. However, on this instance of SQL Server an upper limit was specified by setting the option to a number greater than 0. Query plans with an anticipated cost larger than this value are not started.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Optimized concurrent query limit has been exceeded

You are using an edition of SQL Server that is licensed for a limited number of concurrent queries. This includes the Personal and Desktop editions. Those editions have a concurrent workload governor that limits them to a specific number of concurrent user queries plus a smaller number of concurrent system tasks.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Page allocated to object was not seen. Page may be invalid or have incorrect object ID information in its header

A page is allocated as specified, but was not seen with that object/index ID in its header. The page has a different index ID in its header, so there will be a matching 2534 (page allocated by another object) error for the page. The 2534 error corresponds to the object/index ID that is in the page's header.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: IO Completion Listener Worker appears to be non-yielding on Node

I/O completion ports are the mechanism by which Microsoft SQL Server uses a pool of threads that was created when the service was started to process asynchronous I/O requests. The message will specify what node the completion port is not yielding on. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: One or more indexes are damaged and must be repaired or dropped

This error provides more details about the problem described in error 8952. See that error for an explanation.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: An error occurred in a SQL Server Service Broker/Database Mirroring transport connection endpoint

SQL Server uses Service Broker and Database Mirroring endpoints for communication outside of the SQL Server instance.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XML: XML parsing error

This message passes through XML parsing errors. The text after "XML parsing error:" will vary. The cause will depend on the exact XML parsing error passed through.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Failed to restore master database. Shutting down SQL Server

The backup of the master database that you are restoring is not usable. The file itself may have been corrupted, or the original master database from which the backup was taken may have data integrity problems.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database Backup Failed To Complete

BACKUP failed to complete the command.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: The Service Broker or Database Mirroring Transport has started

SQL Server Service Broker or Database Mirroring transport has started. The Windows application log specifies whether the error was recorded by Service Broker or Database Mirroring the application name. This message is logged in the Windows application log as MSSQLSERVER event ID 9690. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	0
Severity	Defines Alert Severity.	0
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: The text, ntext, or image node at page is referenced by page not seen in the scan

The text node was not referenced in any complex column in any heap or clustered index. It is effectively orphaned.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Login failed: Password too simple

A user attempted to create a password, but the proposed password did not meet the Windows password complexity requirements policy. These are defined in the Password must meet complexity requirements policy setting. The Windows security log will identify the user name under MSSQLSERVER event ID 18466.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: Could not open tempdb. Cannot continue

The tempdb database could not be opened. The possible reasons for this could include:

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Operating System error encountered

This message indicates that an error of some sort was returned from the operating system to a process within SQL Server. The process listed at the beginning of the message indicates which function within SQL Server received the error from the operating system. The exact operating system error number and text at the end of the message will vary depending on what problem the operating system encountered. This error is usually seen in conjunction with other errors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server Service Broker transmitter shut down due to an exception or a lack of memory

The rule triggers an alert when SQL Server Service Broker transmitter stopped due to an error or a lack of memory. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Login failed: Error during validation

A user attempted to log in to SQL Server. An unexpected error occurred during validation. The Windows security log will identify the user name and error ID under MSSQLSERVER event ID 18468.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server terminating because of system shutdown

SQL Server is shutting down because the server is shutting down. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: AppDomain failed to unload with error code

The rule triggers an application domain fails to unload because of some error. The Windows application log may contain an information about the original error code and other diagnostic details

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not write a CHECKPOINT record in database because the log is out of space

The transaction log for the specified database has reached its capacity. The limit could be due to a configuration setting or to the amount of physical space available for one or more of the files configured for this database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server Service Broker attempted to use an unsupported encryption algorithm

The rule triggers an alert when SQL Server Service Broker tries to use an unsupported encryption algorithm.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Column is not a valid complex column

A column is marked as being a complex column in the record's variable length column section, but it is not a valid text pointer or in-row text root.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Index node page refers to child page and previous child, but they were not encountered

An index page (P_ID1) in a B-tree has child references to two neighboring lower-level pages (P_ID2 and P_ID3), but neither was seen.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XTP Unable Load Compiled Dll

The rule listens to event 41309 and raises a warning alert if the event is added to the log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: No slots are free to keep buffers for table

This is raised when SQL Server has an internal error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Physical file access error

A file activation error occurred. The physical file name may be incorrect while creating the database. Note: this rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XTP Background Thread Error Log

The rule listens to event 41355 and raises a warning alert if the event is added to the log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: The text, ntext, or image node has wrong type

The text node is on the wrong text page type. If the parent (owner) of the node can be found, there will be an accompanying 8929 message providing details about the owner.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Page is missing a reference from previous page. Possible chain linkage problem

A page (P_ID2) in a B-tree was not seen, even though its neighbor (P_ID1) in the page chain points to it in its previous page link. This can happen in any level of the B-tree. Both error states mean the same thing; they differ only in where the error is discovered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cannot start service broker activation manager

The rule triggers an alert when service broker fails to start the activation manager.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database cannot be opened due to inaccessible files or insufficient memory or disk space

Error 945 is returned when the database is marked IsShutdown . This occurs when a database cannot be recovered due to missing files, or some other resource error that usually can be corrected easily.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XTP Unable Call Compiler

The rule listens to event 41312 and raises a warning alert if the event is added to the log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: Could not allocate space for object in database because the Filegroup is full

The specified Filegroup has run out of free space.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	90

MSSQL on Windows: Could not find CHECK constraint, although the table is flagged as having one

This error can occur when the creation of a constraint failed but for some reason the creation was not completely rolled back. It can also be caused by data consistency issue with the system tables in the database where the table listed in the message resides.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: An error occurred while reading the log for database

This error indicates a failure while processing the transaction log during rollback, recovery, or replication.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Page in its header is allocated by another object

A page has the object/index ID specified but is not allocated by any of that index's IAM pages. The page has an incorrect object/index ID in its header, so there will be a matching 2533 (page not seen although allocated) error for the page. The 2533 error corresponds to the index the page is really allocated to.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Object, index, page Test failed. Slot - Offset is invalid

The slot specified has an invalid offset (ADDRESS) in the page, according to the slot array.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not find FOREIGN KEY constraints for table, although the table is flagged as having them

This error can occur when the creation of a constraint failed but for some reason the creation was not completely rolled back. It can also be caused by data consistency issue with the system tables in the database where the table listed in the message resides.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cannot open user default database. Login failed

When a client connects to a SQL Server instance without specifying a database context, the default database defined for its login is used. If that database is unavailable for any reason, the above message appears.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Internal Query Processor Error: The query processor encountered an unexpected error during execution

This is an internal query processor error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: CREATE DATABASE failed. Could not allocate enough disk space for a new database on the named disks

This error occurs when there is not enough space on the device to create the model database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server Out Of Memory

SQL Server has failed to allocate the sufficient amount of memory to run the query.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not connect to server because it is not defined as a remote login at the server

Setting up security for executing remote procedure calls (RPC) against a remote server involves setting up login mappings in the remote server and possibly in the local server running an instance of Microsoft SQL Server. The mapping is specific to a given server\instance name, usually the NetBIOS name for a default instance and the NetBIOS name plus the instance name for a named instance. If the login mapping does not exist or if the name of the server specified in the connection string does not match the exact name in the sysremotelogins table, and the guest account does not have a mapping in sysremotelogins , you will receive this error. You will also see this error if the remote user is found to have a null or empty login name.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cannot start service broker security manager

Service Broker security manger could not start.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Failure occurred during database recovery

This error occurs when SQL Server fails to recover a database successfully when it is brought online.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2

Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Extra or invalid key

Every data row in a table (heap or clustered index) must have exactly one matching index row in every non-clustered index over that table. This error means that a non-clustered index has an index row that does not match any data row.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Unexpected page type

Page P_ID had a page type that was unexpected by the code trying to interpret it. The page is marked allocated, however, which is why the DBCC code is trying to interpret it.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: OS Error occurred while performing I/O on page

An operating system error occurred when reading or writing a database page. The error message contains the specific operating system error encountered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Internal Query Processor Error: The query processor could not obtain access to a required interface

This is an internal query processor error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Attempt to fetch logical page that belongs to different object

This error occurs when SQL Server detects that the allocation unit as stored on a database page does match the allocation unit associated with a specific operation, such as running a SELECT statement against a table.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Full Text Search: Could not find full-text index for database

The specified full-text index is unavailable.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: SQL Server shutdown due to Ctrl-C or Ctrl-Break signal

The SQL Server instance was started from a command prompt using sqlservr.exe, and now a Ctrl-C or Ctrl-Break command was issued from that prompt to stop the sqlservr.exe application. No checkpoints were performed during the shutdown. This message is written to the SQL Server error log and the application event log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: The Service Broker/Database Mirroring transport cannot listen on port because it is in use

When you create a Service Broker or Database Mirroring endpoint, SQL Server should be able to accept TCP/IP connections on the port that is specified in the endpoint configuration. The transport security requires authorization for connections to the port. If the server has a firewall enabled, the firewall configuration must allow both incoming and outgoing connections for the port that is used by the endpoint.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Failed to allocate memory for Common Language Runtime (CLR)

The rule triggers an alert when SQL Server is unable to allocate memory for CLR.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: Internal Query Processor Error: The query processor encountered an unexpected error during the processing of a remote query phase

This is an internal query processor error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Checksum failure while page in cache

It is detected that a database page has been unexpectedly modified while in cache (by verifying the page checksum).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2

Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: CHECKTABLE terminated. A failure was detected while collecting facts.

Possibly tempdb out of space or a system table is inconsistent. Check previous errors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: RESTORE could not start database

Internal structures could not be created during the database RESTORE. This is usually the side effect of another error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: A SQL Server Service Broker conversation has been closed due to an error

The rule triggers an alert when a SQL Server Service Broker conversation has been closed due to an error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cannot recover the master database. Exiting.

The master database is not in a recoverable state.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Error while undoing logged operation in database

The recovery process could not undo (roll back) one or more transactions in the specified database. This error will be accompanied by a more specific error in the SQL Server error log and/or the event log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server could not allocate enough memory to start Service Broker task manager

SQL Server Service Broker cannot start Service Broker task manager.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Page is missing references from parent (unknown) and previous nodes. Possible bad root entry in sysindexes

Page P_ID1 was seen, but is not linked into the B-tree it thinks it belongs to.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XML: Failed to load Msxml2.dll

The Msxml2.dll file is missing from the computer where SQL Server is installed, or it could not be loaded from the system directory while processing an XML feature such as sp_xml_preparedocument. If the file exists, it may not be registered properly, or one of its dependencies may not exist.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XTP Compiler Failure

The rule listens to event 41313 and raises a warning alert if the event is added to the log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Descriptor for object in database not found in the hash table during attempt to unhash it

A temporary table could not be found. The specific object ID will be available in the Windows application log as event ID 617.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database consistency check performed with no errors

This message indicates a database consistency check has been run but no errors were encountered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	0
Severity	Defines Alert Severity.	0
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Unexpected end of file while reading beginning of backup set

The RESTORE operation failed because it could not read some portion of the backup file specified in the FROM clause. This error generally indicates that the file specified is a pre-SQL Server 7.0 backup or that the file is damaged.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: An error occurred in the SQL Server Service Broker message transmitter

SQL Server Service Broker message transmitter detected an error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: B-tree level mismatch, page does not match level from parent

There are two pages linked as parent (P_ID2) and child (P_ID1) in a B-tree. The level (LEVEL1) in the child page (P_ID1) does not comply with the level rules for B-trees, given the level (LEVEL2) in the parent page (P_ID2).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: SQL Server Service Broker or Database Mirror cryptographic call failed

SQL Server Service Broker or Database Mirror attempted to call an operating system cryptographic function. The cryptographic function returned an error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not use Address Windowing Extensions because 'lock pages in memory' privilege was not granted

The rule triggers an alert when SQL Server cannot use Address Windowing Extensions because 'lock pages in memory' because privilege was not granted.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Permission denied on object

This error occurs when a Microsoft SQL Server user attempts an action, such as executing a stored procedure, or reading or modifying a table, for which the user does not have the appropriate privileges.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: page is out of the range of this database

The page specified is marked as allocated, but is beyond the in-use portion of the file in which it resides (except in certain states, as described below).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: An error occurred in the SQL Server Service Broker or Database Mirroring transport manager

An error occurred in the SQL Server Service Broker or Database Mirroring transport manager. The Windows application log or SQL Server error log may identify the specific error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not create an instance of OLE DB provider

The rule triggers an alert when SQL Server could not create an instance of an OLE DB provider to connect to a linked server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cannot determine the service account for SQL Server instance

This error occurs when a Transact-SQL statement contains mismatched single or double quotes. The SET QUOTED_IDENTIFIER setting will determine which combinations of single and double quotations marks are valid. For more information about SET QUOTED_IDENTIFIER, see "SET QUOTED_IDENTIFIER" in Books Online.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: A default full-text catalog does not exist in the database or user does not have permission to perform this action

The full-text catalog does not exist, or the user does not have the appropriate permission to create a full-text index in the catalog.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Failed to initialize the Common Language Runtime (CLR) due to memory pressure

Windows could not allocate memory for the Microsoft Common Language Runtime (CLR) to initialize.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: A SNI call failed during a Service Broker/Database Mirroring transport operation

The rule triggers an alert when a SNI call fails during a Service Broker/Database Mirroring transport operation. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not do cleanup for the killed process

This error message occurs when another error caused a user connection to terminate abnormally.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Full Text Search: Full-text catalog is in an unusable state. Drop and re-create this full-text catalog

The full-text catalog is offline. The full-text directory has been deleted, is corrupt, or the path points to a location that is not valid.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Parent node for page was not encountered

Page P_ID was seen in a B-tree, and is linked into the B-tree level it is at. However, no index page was seen that had a reference to the page as a child page. This can happen at any level of the B-tree.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server Service Broker or Database Mirroring Transport stopped

The rule triggers an alert when at least one of the endpoints in a SQL Server Service Broker conversation has stopped listening for connections. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	0
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database log file is full. Back up the transaction log for the database to free up some log space

The specified transaction log file has run out of free space.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Login failed: Password must be changed

A user attempted to log into SQL Server with a password that was set to the MUST_CHANGE option. The user will be identified in the Windows security log under MSSQLSERVER event ID 18488.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Operating system error on a device

The backup device cannot be opened.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not allocate new page for database. There are no more pages available in Filegroup.

Space can be created by dropping objects, adding additional files, or allowing file growth.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Login failed

When a connection attempt is rejected because of an authentication failure that involves a bad password or user name, a message similar to the following is returned to the client: "Login failed for user 'user_name'. (Microsoft SQL Server, Error: 18456)".

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: Full Text Search: Full-text catalog lacks sufficient disk space to complete this operation

There is not enough disk space to hold the full-text catalog.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server Service Broker cannot use RC4 encryption algorithm when running in FIPS compliance mode

SQL Server Service Broker has a conversation where at least one endpoint has been configured to use RC4 encryption and the server is set for Federal Information Processing Standard (FIPS) compliance mode. RC4 encryption is not supported when running in FIPS compliance mode.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server cannot start the Service Broker event handler

SQL Server Service Broker cannot start the Service Broker event handler.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Table missing or invalid key in index for the row:

Every data row in a table (heap or clustered index) must have exactly one matching index row in every non-clustered index over that table. This error means that a non-clustered index is missing an index row.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Indexed view does not contain all rows that the view definition produces.

Refer to Books Online for more information on this error. This does not necessarily represent an integrity issue with the data in this database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Transaction was deadlocked on resources with another process and has been chosen as the deadlock victim. Rerun the transaction

This error occurs when Microsoft SQL Server encounters a deadlock. A deadlock occurs when two (or more) processes attempt to access a resource that the other process holds a lock on. Because each process has a request for another resource, neither process can be completed. When a deadlock is detected, SQL Server rolls back the command that has the least processing time and returns error message 1205 to the client application. This error is not fatal and may not cause the batch to be terminated.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Test failed. Slot overlaps with the prior row

Slot S_ID's offset in the slot offset array is not greater than or equal to the end of the previous slot, so they overlap. TEST is 'sorted [i].offset >= max', where the lhs of the expression is the ADDRESS, and 'max' is the end of the previous slot.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not open referenced table

You are trying to add, drop, or modify a constraint on a table that has a schema stability lock (LCK_M_SCH_S or Sch-S) held on it. The schema stability lock is not compatible with DDL. The lock may be held by a query involving this table that is taking a long time to compile.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Distributed transaction was aborted by MSDTC

The rule triggers an alert when Distributed transaction was aborted by MSDTC.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Process Worker appears to be non-yielding on Scheduler

This error indicates that there is a possible problem with a thread not yielding on a scheduler. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value

Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: The SQL Server Service Broker or Database Mirroring transport is disabled or not configured

The rule triggers an alert when the SQL Server Service Broker or Database Mirroring transport is disabled or not configured. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Login failed: Password cannot be used at this time

A user attempted to change the password, but the proposed password could not be used at this time. The Windows security log will identify the user name under MSSQLSERVER event ID 18463.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server Assertion (17067)

SQL Server has raised an error. Under normal circumstances, SQL Server has posted a dump file in the log directory to help identify the actions that preceded the error. The error may have been caused by data corruption, an error in the client application, an error in SQL Server, network instability, or hardware failure.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: An error occurred in the timer event cache

An error occurred in the SQL Server Service Broker transport layer timer event cache. The Windows application log or SQL Server error log may identify the specific error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Internal Query Processor Error: The query processor ran out of stack space during query optimization

The Query Processor is using a large but limited memory stack when optimizing queries. In some extreme situations the stack size may become a limit for a given very large query--for example, a query containing an inlist with 100,000 constants.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server Service Broker Manager has shutdown

The rule triggers an alert when the SQL Server Service Broker Manager has shutdown. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	0
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Cross object linkage. Page PGID->next is not in the same index

Page P_ID is linked to page P_ID2 but the two pages are allocated to different indexes and/or objects.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Login failed: Password expired

A user attempted to log into SQL Server with an expired password. The Windows security log will identify the user name under event ID 18487.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: I/O request taking longer than 15 seconds to complete

I/O request has taken longer than 15 seconds to complete. This may indicate an SQL Server I/O bottlenecks. SQL Server performance highly relies on the disk performance. Note: this rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: The log for database is not available

An I/O error related to data integrity has occurred for the specified database. Either the log or data portion of the database could be damaged. SQL Server has made the log for that database unavailable to prevent further data integrity problems. The I/O error that led to the 9001 message should be reported in the SQL Server error log and/or the Windows event logs.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: The Service Broker/Database Mirroring Transport could not listen for connections due to an error

The rule triggers an alert when Service Broker cannot listen on the specified port.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database consistency errors found

This message indicates a database consistency check has encountered errors and none or not all of the errors were repaired.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cannot start SQL Server Service Broker on a database

The rule triggers an alert when SQL Server cannot start Service Broker on a database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: An error occurred in the SQL Server Service Broker message dispatcher

An error occurred in the SQL Server Service Broker message dispatcher. The Windows application log or SQL Server error log may identify the specific error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Slot, row extends into free space

The end of the slot S_ID is past the persisted free space offset, ADDRESS. TEST is 'max <= m_freeData', where the persisted free space offset if 'm_freeData' and the end of slot S_ID is 'max'.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Login failed: Password fails password filter DLL requirements

A user tried to access SQL Server with a password that did not meet the requirements of the password filter DLL. Windows security log will identify the user name under MSSQLSERVER event ID 18467.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Page was not seen in the scan although its parent and previous refer to it. Check any previous errors

A page (P_ID1) in a B-tree was not seen, even though an index page (P_ID2) points to it as a child page and its previous page (P_ID3) in the page chain points to it as the next page in the chain. This can happen at any level of the B-tree. Both error states mean the same thing; they differ only in where the error was discovered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table: No columns without statistics found

There are no eligible columns in the current database on which to create statistics using sp_createstats . Computed columns and columns of the ntext, text, or image data types cannot be specified as statistics columns. Columns already having statistics are not touched (for example, the first column of an index or a column with explicitly created statistics).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: cross-object chain linkage

The first phase of a DBCC CHECKDB is to do primitive checks on the data pages of critical system tables. If any errors are found, they cannot be repaired and so the DBCC CHECKDB terminates immediately.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Failed to initialize the Common Language Runtime (CLR) with HRESULT (6511)

The rule triggers an alert when an assembly or application fails to start and logs an HRESULT error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: The LSN passed to log scan in database is invalid

If you see this message during startup when the SQL Server process tries to recover the database or as a result of an ATTACH statement, the log file for the database is corrupted. If you see the message during a restore process, the backup file is corrupted. If you see this message during a replication process, the replication metadata may be incorrect.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: .NET Framework runtime was shut down by user code

The rule triggers an alert when a user defined type, user defined-function, or user-defined property in an assembly contains faulty code.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table: Creating statistics for the following columns

sp_createstats has generated statistics for each eligible column in the current database. Computed columns and columns of the ntext, text, or image data types cannot be specified as statistics columns. Columns already having statistics are not touched (for example, the first column of an index or a column with explicitly created statistics). Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not obtain information about Windows NT group/user

A process executed within SQL Server or from the SQL Server Agent, such as the xp_logininfo stored procedure, a scheduled job, or a replication agent, needs to verify the credentials of a Windows-authenticated login. The attempt to retrieve those credentials on the domain failed for an unspecified reason.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cannot create file

SQL Server cannot create file because the file already exists.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not create AppDomain manager

The rule triggers an alert when SQL Server fails to create an application domain manager

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: CHECKTABLE processing of object encountered page twice. Possible internal error or allocation fault

Page P_ID was encountered twice during the course of the scan.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: A fatal error occurred in .NET Framework runtime

The rule triggers an alert when the .NET Framework shuts down due to an error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Service Broker was not able to allocate memory for cryptographic operations

The rule triggers an alert when SQL Server Service Broker is not able to allocate memory for cryptographic operations.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Unique table computation failed

Unique tables are used by the database client drivers, like Microsoft Access driver for SQL Server, to build updateable queries. For a given SELECT statement, the unique table identifies the table whose row

values appear at most once in the result set. When reselecting a row from a result set, the values from the key columns of the unique table are enough to identify the row. This error is raised when the server is unable to compute the unique table.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Recovery of database detected possible identity value inconsistency in table

The database recovery process could not determine the current identity value for the specified table.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Login failed: Password too long

A user attempted to create a password, but the proposed password was too long. The Windows security log will identify the user name under MSSQLSERVER event ID 18465.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Failed to open primary database file

An operating system error occurred when opening the primary file of a database. The error message contains the specific operating system error encountered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Failed to finish full-text operation. The Filegroup is empty, read-only, or not online

The full-text operation did not finish because the Filegroup is empty, read-only, or not online.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XTP Insufficient Disk Space

The rule listens to event 41822 and raises a critical alert if the event is added to the log.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: The next pointer of refers to page. Neither its parent were encountered. Possible bad chain linkage

A page (P_ID1) references its next page in the page chain (P_ID2), but page P_ID2 was not seen and was not referenced by any parent page in the B-tree.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Database consistency errors found and repaired

This message indicates a database consistency check has encountered errors and all of the errors were repaired.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Maximum limit for connections has been reached

By default, SQL Server dynamically manages the memory needed for user connections. However, the maximum number of connections can be set to a fixed value by setting the user connections configuration option to a value other than 0. Setting the user connections option to a non-zero value is not recommended. If this option is set to a non-zero value and the specified number of connections is exceeded, any additional login attempts will fail with the above message. If the value is set to 1, the SQL Server instance may not start.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Unable to open the physical file

SQL Server has failed to open the physical file.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Failed to initialize the Common Language Runtime (CLR) with HRESULT (6512)

The rule triggers an alert when an assembly or an application fails to start and logs an HRESULT error. The Windows application log may contain an information about specific HRESULT.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not create a statement object using OLE DB provider

The rule triggers an alert when SQL Server fails to create a statement object with the OLE DB provider connected to a linked server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Login failed: Account locked out

A user attempted to log into the network with an account that has been locked out. The Windows security log will identify the user name under MSSQLSERVER event ID 18486.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Login failed: Password too short

A user attempted to change the password, but the proposed password was too short. The Windows security log will identify the user name under MSSQLSERVER event ID 18464.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server Service Broker or Database Mirroring is running in FIPS compliance mode

The rule triggers an alert when SQL Server Service Broker or Database Mirroring is running in FIPS compliance mode. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No

Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	0
Severity	Defines Alert Severity.	0
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not open error log file

When installing Microsoft SQL Server on an NTFS partition, make sure that the NTFS file permissions allow read/write access. Otherwise, this error message may appear in the Microsoft Windows NT application log (for each installation attempt).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Address is not aligned

The structure at address ADDRESS is not 4-byte aligned.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XML: XML error

This message passes through XML errors generated outside of SQL Server. The text after "XML error:" will vary. The cause will depend on the exact XML error passed through.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: The I/O operation was successful after retry

A read operation on a database page or transaction log block was successful but only after retrying the operation. While you may not need to take immediate action, you should research the cause of the error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: The provider reported an unexpected catastrophic failure

The provider reported an unexpected catastrophic failure.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not find Filegroup ID in sys.Filegroups for database

The metadata for a table contains a column ID that is greater than the largest column ID ever used in the table. This is a fatal error if the table is a system table, because the checks cannot continue when metadata is corrupt.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: The agent is suspect. No response within last minutes

This behavior occurs because the replication agent is too busy to respond when SQL Server Enterprise Manager polls the replication agent; therefore, SQL Server Enterprise Manager does not know the status of the replication agent and it cannot report whether the replication agent is functioning or not.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not originate from the computer that is specified in the ComputerName parameter.	false
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

MSSQL on Windows: XML: XML document could not be created because server memory is low. Use sp_xml_removedocument to release XML documents

When you execute sp_xml_preparedocument , a parsed XML document is stored in the internal cache of SQL Server 2000. The MSXML parser uses up to one-eighth the total memory available for SQL Server. There is not enough memory in the portion of cache allocated to MSXML to open the document specified in the sp_xml_preparedocument statement. This may be because the specified document is very large or because documents already in that memory space do not leave enough space for the new document.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: IAM page is linked in the IAM chain for object

All IAM pages for an index must have the same index ID on them. In this case, one of the IAM pages linked into the IAM chain for index I_ID2 has index ID I_ID1 on it. There are three possible states of this error; they all mean the same thing, but differ in where the discovery is made.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: SQL Server Service Broker cryptographic operation failed

The rule triggers an alert when SQL Server Service Broker cryptographic operation fails.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Failed to open database or transaction log file

An operating system error occurred when opening a transaction log file or a secondary database file of a database. The error message contains the specific operating system error encountered.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2

Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: MSDTC on server is unavailable

The rule triggers an alert when MSDTC on the server is unavailable.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Enlist of MSDTC transaction failed

The rule triggers an alert when SQL Server fails to enlist a new or existing distributed transaction.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: The query processor could not start the necessary thread resources for parallel query execution

Thread resources are scarce in the server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: CREATE FILE encountered operating system error

CREATE FILE encountered operating system error.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: A SQL Server Service Broker procedure output results

A stored procedure, which was internally activated by SQL Server Service Broker, output results. Internal procedures should not output results. The event in the Windows application log contains the procedure name, the queue name, and the output results. The event is logged as MSSQLSERVER event ID 9724. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	0
Severity	Defines Alert Severity.	0
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: An SQL Server Service Broker dialog detected an error

The rule triggers an alert when a SQL Server Service Broker dialog detects an error

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Common Language Runtime (CLR) not installed properly

This installation of the Common Language Runtime (CLR) is corrupted. The CLR is installed with the Microsoft .NET Framework.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Table error: Cross object linkage: Parent page in object next refer to page not in the same object

The next page pointer of page P_ID2 and a child page pointer of page P_ID1 in a B-tree of the specified object points to a page (P_ID3) in a different object. Furthermore, pages P_ID1 and P_ID2 may themselves be in different objects.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1

Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Could not read and latch page

The page read failed for some reason (see any accompanying errors), or a latch could not be taken (there may be latch timeout messages on the error log).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XML: Size of data chunk requested from the stream exceeds allowed limit

SQL Server received an XML document that exceeds the allowed limit.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Invalid reference to File ID

This error occurs when SQL Server uses an invalid file ID while performing some operation. This error can occur for several different scenarios.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	2
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Server Assertion (17065)

SQL Server has raised an error. Under normal circumstances, SQL Server has posted a dump file in the log directory to help identify the actions that preceded the error. The error may have been caused by data corruption, an error in the client application, an error in SQL Server, network instability, or hardware failure.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: The MSSQLServer service terminated unexpectedly

The error is reported by the SQL Server Agent service when it auto restarts SQL Server. SQL Server Agent will only auto restart SQL Server if SQL Server stopped for some reason other than an explicit stop command from a user or application, and if the “Auto restart SQL Server if it stops unexpectedly” option is selected in SQL Server Agent Advanced properties. During the restart of SQL Server, SQL Server Agent will write this message to the application event log on the computer hosting SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Engine - Rules (alerting)

MSSQL on Windows: SQL Server DB Engine is restarted

Detects SQL Server DB Engine restart. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Unavailable Time (seconds)	The workflow will try to catch a service start event during this time frame, after event service stops.	900

MSSQL on Windows: DB Engine - Rules (non-alerting)

MSSQL on Windows: Broker/DBM Transport: Receive I/O Bytes per Second

Collects the "Broker/DBM Transport: Receive I/O Bytes per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Message Fragment P6 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P6 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Open Connection Count

Collects the "Broker/DBM Transport: Open Connection Count" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Average Microseconds/Read

Collects the "HTTP Storage: Average Microseconds/Read" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: Broker/DBM Transport: Message Fragment P1 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P1 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Forwarded Messages Total

Collects the "Broker Statistics: Forwarded Messages Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Writes per Second

Collects the "HTTP Storage: Writes per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cursor unique violations/sec

Collects the Windows "Cursor unique violations/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Message Fragment Send Size Average

Collects the "Broker/DBM Transport:Message Fragment Send Size Average" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued P9 Messages per Second

Collects the "Broker Statistics: Enqueued P9 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Average Microseconds/Write

Collects the "HTTP Storage: Average Microseconds/Write" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Sweep expired rows removed/sec

Collects the Windows "Sweep expired rows removed/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Transactions aborted by user/sec

Collects the Windows "Transactions aborted by user/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cursor scans started/sec

Collects the Windows "Cursor scans started/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Message Fragment P7 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P7 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Transactions aborted/sec

Collects the Windows "Transactions aborted/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Average Bytes/Read

Collects the "HTTP Storage: Average Bytes/Read" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Receive I/Os per Second

Collects the "Broker/DBM Transport: Receive I/Os per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Missed Credit Slots

Collects the Windows "Missed Credit Slots" performance counter for the XTP IO Rate Governor.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued Transport Message Fragments per Second

Collects the "Broker Statistics: Enqueued Transport Message Fragments per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Average Microseconds/Write Comp

Collects the "HTTP Storage: Average Microseconds/Write Comp" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued Local Messages per Second

Collects the "Broker Statistics: Enqueued Local Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Dropped Messages Total

Collects the "Broker Statistics: Dropped Messages Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Engine CPU Utilization (%)

MSSQL on Windows DB Engine CPU Utilization (%) performance collection rule.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Phantom scans started/sec

Collects the Windows "Phantom scans started/sec" performance counter for the XTP engine's phantom processing subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: SQL Sends per Second

Collects the "Broker Statistics: SQL Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Forwarded Messages per Second

Collects the "Broker Statistics: Forwarded Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Transfers per Second

Collects the "HTTP Storage: Transfers per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Rows processed/sec (no sweep needed)

Collects the Windows "Rows processed/sec (no sweep needed)" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Buffer Cache Hit Ratio

Collects the Windows "Buffer Cache Hit Ratio" performance counter for each instance of SQL DB Engine on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Forwarded Pending Message Count

Collects the "Broker Statistics: Forwarded Pending Message Count" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued Local Messages Total

Collects the "Broker Statistics: Enqueued Local Messages Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Save point refreshes/sec

Collects the Windows "Save point refreshes/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued P1 Messages per Second

Collects the "Broker Statistics: Enqueued P1 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Checkpoints Closed

Collects the Windows "Checkpoints Closed" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Dusty corner scan retries/sec (Phantom-issued)

Collects the Windows "Dusty corner scan retries/sec (Phantom-issued)" performance counter for the XTP engine's phantom processing subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Message Fragment Receive Size Average

Collects the "Broker/DBM Transport:Message Fragment Receive Size Average" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Rows touched/sec

Collects the Windows "Rows touched/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Total Rate Objects Published

Collects the Windows "Total Rate Objects Published" performance counter for the XTP IO Rate Governor.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Sweep expired rows touched/sec

Collects the Windows "Sweep expired rows touched/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Read Bytes per Second

Collects the "HTTP Storage: Read Bytes per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: Broker Activation: Task Limit Reached

Collects the "Broker Activation: Task Limit Reached" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Parallel GC work item/sec

Collects the Windows "Parallel GC work item/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued P5 Messages per Second

Collects the "Broker Statistics: Enqueued P5 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Message Fragment P2 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P2 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Message Fragment P9 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P9 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Expired rows touched/sec

Collects the Windows "Expired rows touched/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Io Issued/sec

Collects the Windows "Io Issued/sec" performance counter for the XTP IO Rate Governor.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Sweep rows touched/sec

Collects the Windows "Sweep rows touched/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued Transport Messages Total

Collects the "Broker Statistics: Enqueued Transport Messages Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Read-only transactions prepared/sec

Collects the Windows "Read-only transactions prepared/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Commit dependencies taken/sec

Collects the Windows "Commit dependencies taken/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued Messages Total

Collects the "Broker Statistics: Enqueued Messages Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Engine Average Wait Time (Milliseconds)

SQL DB Engine on Windows Average Wait Time performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Log bytes written/sec

Collects the Windows "Log bytes written/sec" performance counter for XTP transaction logging in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued P2 Messages per Second

Collects the "Broker Statistics: Enqueued P2 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Send I/Os per Second

Collects the "Broker/DBM Transport: Send I/Os per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: HTTP Storage I/O Retry per Second

Collects the "HTTP Storage: HTTP Storage I/O Retry per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Pending Bytes for Receive I/O

Collects the "Broker/DBM Transport: Pending Bytes for Receive I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Rows processed/sec (marked for unlink)

Collects the Windows "Rows processed/sec (marked for unlink)" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Send I/O Bytes per Second

Collects the "Broker/DBM Transport: Send I/O Bytes per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued P4 Messages per Second

Collects the "Broker Statistics: Enqueued P4 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued P10 Messages per Second

Collects the "Broker Statistics: Enqueued P10 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Total Bytes per Second

Collects the "HTTP Storage: Total Bytes per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued Transport Messages per Second

Collects the "Broker Statistics: Enqueued Transport Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Forwarded Pending Message Bytes

Collects the "Broker Statistics: Forwarded Pending Message Bytes" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Insufficient Credits Waits/sec

Collects the Windows "Insufficient Credits Waits/sec" performance counter for the XTP IO Rate Governor.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Forwarded Message Byte Total

Collects the "Broker Statistics: Forwarded Message Byte Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: HTTP Storage I/O Failed per Second

Collects the "HTTP Storage: HTTP Storage I/O Failed per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Merge Requests Outstanding

Collects the Windows "Merge Requests Outstanding" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Transaction validation failures/sec

Collects the Windows "Transaction validation failures/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Rows returned/sec

Collects the Windows "Rows returned/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Lock Timeouts per Second

Collects the Windows "Lock Timeouts per Second" performance counter for each instance of SQL DB Engine on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cursor deletes/sec

Collects the Windows "Cursor deletes/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: Number of Deadlocks per Second

Collects the Windows "Number of Deadlocks per Second" performance counter for each instance of SQL DB Engine on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Log records written/sec

Collects the Windows "Log records written/sec" performance counter for XTP transaction logging in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Current Message Fragments for Send I/O

Collects the "Broker/DBM Transport: Current Message Fragments for Send I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Message Fragment Receives per Second

Collects the "Broker/DBM Transport: Message Fragment Receives per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Rows processed/sec

Collects the Windows "Rows processed/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued Transport Message Frag Tot

Collects the "Broker Statistics: Enqueued Transport Message Frag Tot" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Main GC work items/sec

Collects the Windows "Main GC work items/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: SQL Receive Total

Collects the "Broker Statistics: SQL Receive Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued P6 Messages per Second

Collects the "Broker Statistics: Enqueued P6 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Save points created/sec

Collects the Windows "Save points created/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Activation: Task Limit Reached per Second

Collects the "Broker Activation: Task Limit Reached per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Reads per Second

Collects the "HTTP Storage: Reads per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Pending Bytes for Send I/O

Collects the "Broker/DBM Transport: Pending Bytes for Send I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cursor updates/sec

Collects the Windows "Cursor updates/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Sweep expiring rows touched/sec

Collects the Windows "Sweep expiring rows touched/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Average Bytes/Write

Collects the "HTTP Storage: Average Bytes/Write" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Compilations per Second

Collects the Windows "SQL Compilations per Second" performance counter for each instance of SQL DB Engine on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Phantom expired rows removed/sec

Collects the Windows "Phantom expired rows removed/sec" performance counter for the XTP engine's phantom processing subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued P8 Messages per Second

Collects the "Broker Statistics: Enqueued P8 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Expired rows removed/sec

Collects the Windows "Expired rows removed/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued P7 Messages per Second

Collects the "Broker Statistics: Enqueued P7 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Phantom expiring rows touched/sec

Collects the Windows "Phantom expiring rows touched/sec" performance counter for the XTP engine's phantom processing subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Number of Lock Waits per Second

Collects the Windows "Number of Lock Waits per Second" performance counter for each instance of SQL DB Engine on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: Stale Rate Object Waits/sec

Collects the Windows "Stale Rate Object Waits/sec" performance counter for the XTP IO Rate Governor.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Message Fragment P5 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P5 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Sweep scans started/sec

Collects the Windows "Sweep scans started/sec" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Receive I/O Buffer Copies bytes per Second

Collects the "Broker/DBM Transport:Receive I/O Buffer Copies bytes per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Forwarded Message Discarded Total

Collects the "Broker Statistics: Forwarded Message Discarded Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Message Fragment Sends per Second

Collects the "Broker/DBM Transport: Message Fragment Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Activation: Stored Procedures Invoked per Second

Collects the "Broker Activation: Stored Procedures Invoked per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: SQL Receives per Second

Collects the "Broker Statistics: SQL Receives per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cursor inserts/sec

Collects the Windows "Cursor inserts/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Total Files Merged

Collects the Windows "Total Files Merged" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Activation: Tasks Aborted per Second

Collects the "Broker Activation: Tasks Aborted per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Save point rollbacks/sec

Collects the Windows "Save point rollbacks/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Dialog Timer Event Count

Collects the "Broker Statistics: Dialog Timer Event Count" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Dusty corner scan retries/sec (user-issued)

Collects the Windows "Dusty corner scan retries/sec (user-issued)" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Send I/O Len Average

Collects the "Broker/DBM Transport: Send I/O Len Average" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued P3 Messages per Second

Collects the "Broker Statistics: Enqueued P3 Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Message Fragment P3 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P3 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cursor write conflicts/sec

Collects the Windows "Cursor write conflicts/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued TransmissionQ Messages per Second

Collects the "Broker Statistics: Enqueued TransmissionQ Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Log Blocks/sec

Collects the Windows "Log Blocks/sec" performance counter for the XTP IO Rate Governor.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Number of Lock Requests per Second

Collects the Windows "Number of Lock Requests per Second" performance counter for each instance of SQL DB Engine on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Forwarded Message Bytes per Second

Collects the "Broker Statistics: Forwarded Message Bytes per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Dusty corner scan retries/sec (GC-issued)

Collects the Windows "Dusty corner scan retries/sec (GC-issued)" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: HTTP Storage: Average Microseconds/Read Comp

Collects the "HTTP Storage: Average Microseconds/Read Comp" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Engine Thread Count

SQL DB Engine Thread Count performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Write Bytes per Second

Collects the "HTTP Storage: Write Bytes per Second" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Merge Policy Evaluations

Collects the Windows "Merge Policy Evaluations" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: Merges Installed

Collects the Windows "Merges Installed" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL User Connections

Counts the number of users currently connected to SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Logins per Second

Total number of logins started per second. This does not include pooled connections.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: SQL Send Total

Collects the "Broker Statistics: SQL Send Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Phantom rows touched/sec

Collects the Windows "Phantom rows touched/sec" performance counter for the XTP engine's phantom processing subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Checkpoints Completed

Collects the Windows "Checkpoints Completed" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Enqueued Messages per Second

Collects the "Broker Statistics: Enqueued Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Total Transactions per Second

Collects the Windows "Transaction per Second" performance counter for the _Total instance of the databases performance object for each instance of SQL DB Engine on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Core Merges Completed

Collects the Windows "Core Merges Completed" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Tentatively-deleted rows touched/sec

Collects the Windows "Tentatively-deleted rows touched/sec" performance counter for internal XTP engine cursors.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Broker Transaction Rollbacks

Collects the "Broker Statistics: Broker Transaction Rollbacks" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Transactions created/sec

Collects the Windows "Transactions created/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Merges Abandoned

Collects the Windows "Merges Abandoned" performance counter for the XTP engine's storage subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Activation Errors Total

Collects the "Broker Statistics: Activation Errors Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Activation: Tasks Started per Second

Collects the "Broker Activation: Tasks Started per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Average Bytes/Transfer

Collects the "HTTP Storage: Average Bytes/Transfer" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Message Fragment P8 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P8 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Message Fragment P10 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P10 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Rows processed/sec (first in bucket and removed)

Collects the Windows "Rows processed/sec (first in bucket and removed)" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Outstanding HTTP Storage I/O

Collects the "HTTP Storage: Outstanding HTTP Storage I/O" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Forwarded Messages Discarded per Second

Collects the "Broker Statistics: Forwarded Messages Discarded per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Receive I/O Buffer Copies Count

Collects the "Broker/DBM Transport:Receive I/O Buffer Copies Count" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Phantom expired rows touched/sec

Collects the Windows "Phantom expired rows touched/sec" performance counter for the XTP engine's phantom processing subsystem.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Engine Stolen Server Memory (MB)

SQL DB Engine Stolen Server Memory (MB) performance collection rule on Windows

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Engine Page Life Expectancy (s)

SQL DB Engine on Windows Page Life Expectancy (s) performance collection rule

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Corrupted Messages Total

Collects the "Broker Statistics: Corrupted Messages Total" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Rows processed/sec (first in bucket)

Collects the Windows "Rows processed/sec (first in bucket)" performance counter for the XTP engine's garbage collector.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Current Bytes for Receive I/O

Collects the "Broker/DBM Transport: Current Bytes for Receive I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Pending Message Fragments for Send I/O

Collects the "Broker/DBM Transport: Pending Message Fragments for Send I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Statistics: Dequeued TransmissionQ Messages per Second

Collects the "Broker Statistics: Dequeued TransmissionQ Messages per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker Activation: Tasks Running

Collects the "Broker Activation: Tasks Running" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Pending Message Fragments for Receive I/O

Collects the "Broker/DBM Transport: Pending Message Fragments for Receive I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Message Fragment P4 Sends per Second

Collects the "Broker/DBM Transport: Message Fragment P4 Sends per Second" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Current Bytes for Send I/O

Collects the "Broker/DBM Transport: Current Bytes for Send I/O" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: HTTP Storage: Average Microseconds/Transfer

Collects the "HTTP Storage: Average Microseconds/Transfer" performance counter for SQL DB Engine that monitor Microsoft Azure Storage account.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: SQL Re-Compilations per Second

Collects the Windows "SQL Recompiles per Second" performance counter for each instance of SQL DB Engine on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Broker/DBM Transport: Receive I/O Len Average

Collects the "Broker/DBM Transport: Receive I/O Len Average" performance counter for each instance of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Cascading aborts/sec

Collects the Windows "Cascading aborts/sec" performance counter for XTP engine transactions in SQL Server.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Engine - Tasks

Global Configuration Settings

Global Configuration Settings.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Engine - Console Tasks

SQL Management Studio

SQL Profiler

MSSQL on Windows: DB File

Microsoft SQL Server database file on Windows.

MSSQL on Windows: DB File - Discoveries

MSSQL on Windows: Discover SQL Server DB Files

This rule discovers the file information for each SQL Server Database on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB File - Unit monitors

DB File Free Space Left

The monitor reports a warning when the free space (including both already allocated space and free space on the media) drops below the Warning Threshold setting, expressed as percentage of the sum of data size plus disk free space. The monitor reports a critical alert when the free space drops below the Critical Threshold.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Critical Threshold	The monitor will change its state to Critical if the value drops below this threshold. Being between this threshold and the warning threshold (inclusive) will result in the monitor being in a warning state.	10
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15
Warning Threshold	The monitor will change its state to Warning if the value drops below this threshold.	20

MSSQL on Windows: DB File - Rules (non-alerting)

MSSQL on Windows: DB File Allocated Free Space (%)

The amount of space left in a file in percentage terms. Does not include space left on media hosting a file with autogrowth enabled

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB File Free Space Total (%)

The amount of space left in a file in percentage terms. Also, includes space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB File Free Space Total (MB)

The amount of space left in a file in megabytes. Also, includes space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB File Allocated Free Space (MB)

The amount of space left in a file in megabytes. Does not include space left on media hosting a file with autogrowth enabled.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Filegroup

Microsoft SQL Server database Filegroup on Windows.

MSSQL on Windows: DB Filegroup - Discoveries

MSSQL on Windows: Discover SQL Server DB Filegroups

This rule discovers the Filegroup information for each SQL Server Database on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Filegroup - Dependency (rollup) monitors

DB Files Security

Rolls up all DB Files security monitors to the DB Filegroup.

DB Files Availability

Rolls up all DB Files availability monitors to the DB Filegroup.

DB Files Configuration

Rolls up all DB Files configuration monitors to the DB Filegroup.

DB Files Performance

Rolls up all DB Files performance monitors to the DB Filegroup.

MSSQL on Windows: DB Filegroup - Rules (non-alerting)

MSSQL on Windows: DB Filegroup Allocated Free Space (%)

The amount of space left in all files for this Filegroup in percentage terms. Does not include space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Filegroup Free Space Total (MB)

The amount of space left in all files for this Filegroup in megabytes. Also, includes space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Filegroup Allocated Free Space (MB)

The amount of space left in all files for this Filegroup in megabytes. Does not include space left on media hosting a file with autogrowth enabled.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Filegroup Free Space Total (%)

Collects free database Filegroup space in percentage terms.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB FILESTREAM Filegroup

Microsoft SQL Server FILESTREAM Filegroup on Windows.

MSSQL on Windows: DB FILESTREAM Filegroup - Discoveries

MSSQL on Windows: Discover FILESTREAM Filegroups

This rule discovers DB FILESTREAM Filegroup information for each SQL Server Database on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB FILESTREAM Filegroup - Unit monitors

DB FILESTREAM Filegroup Free Space

The monitor reports a warning when the free space drops below the Warning Threshold setting, expressed as percentage of the sum of data size. The monitor reports a critical alert when the free space drops below the Critical Threshold.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	True
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Critical Threshold	The monitor will change its state to Critical if the value drops below this threshold. Being between this threshold and the warning threshold (inclusive) will result in the monitor being in a warning state.	10
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15
Warning Threshold	The monitor will change its state to Warning if the value drops below this threshold.	20

MSSQL on Windows: DB FILESTREAM Filegroup - Rules (non-alerting)

MSSQL on Windows: DB FILESTREAM Filegroup Free Space Total (%)

Collects free FILESTREAM Filegroup data container space in percentage terms.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB FILESTREAM Filegroup Free Space Total (MB)

Collects free FILESTREAM Filegroup data container space in megabytes.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Log File

Microsoft SQL Server database transaction log file on Windows.

MSSQL on Windows: DB Log File - Discoveries

MSSQL on Windows: Discover SQL Server Transaction Log File

This rule discovers transaction log files for each SQL Server Database on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Log File - Unit monitors

DB Log File Free Space Left

The monitor reports a warning when the free space (including both already allocated space and free space on the media) drops below the Warning Threshold setting, expressed as percentage of the sum of data size plus disk free space. The monitor reports a critical alert when the free space drops below the Critical Threshold.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True

Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Critical Threshold	The monitor will change its state to Critical if the value drops below this threshold. Being between this threshold and the warning threshold (inclusive) will result in the monitor being in a warning state.	10
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15
Warning Threshold	The monitor will change its state to Warning if the value drops below this threshold.	20

MSSQL on Windows: DB Log File - Rules (non-alerting)

MSSQL on Windows: DB Log File Allocated Free Space (%)

The amount of space left in all log files for this database in percentage terms. Does not include space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this	1048576

	value as a maximum storage capacity for each file.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Log File Free Space Total (MB)

The amount of space left in all log files for this database in megabytes. Also, includes space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: DB Log File Free Space Total (%)

The amount of space left in all log files for this database in percentage terms. Also, includes space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Log File Allocated Free Space (MB)

The amount of space left in all log files for this database in megabytes. Does not include space left on media hosting a file with autogrowth enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage.	1048576

	The workflow will consider this value as a maximum storage capacity for each file.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Memory-Optimized Data Container

Microsoft SQL Server Database Memory-Optimized Data Filegroup container on Windows.

MSSQL on Windows: DB Memory-Optimized Data Container - Discoveries

MSSQL on Windows: Discover Memory-Optimized Data Filegroup Containers

This rule discovers the container information for each SQL Server Database on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Memory-Optimized Data Container - Unit monitors

Memory-Optimized Data Filegroup Container Free Space

The monitor reports a warning when the available disk space for the Memory-Optimized Data Filegroup Container drops below the Warning Threshold setting, expressed as percentage of the sum of the Memory-Optimized Data Filegroup Container size plus disk free space. The monitor reports a critical alert when the free space drops below the Critical Threshold.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Critical Threshold	The monitor will change the state to Critical if the value drops below this threshold.	10
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15
Warning Threshold	The monitor will change the state to Warning if the value drops below this threshold.	20

MSSQL on Windows: DB Memory-Optimized Data Container - Rules (non-alerting)

MSSQL on Windows: Memory-Optimized Data Filegroup container free space (MB)

Collects the amount of free space available for the Memory-Optimized Data Filegroup container (in Megabytes).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Memory-Optimized Data Filegroup container free space (%)

Collects the amount of free space available in the Memory-Optimized Data Filegroup container, expressed as percentage of the sum of disk free space and the size of data stored in the Memory-Optimized Data Filegroup container.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Memory-Optimized Data Filegroup

Microsoft SQL Server Database Memory-Optimized Data Filegroup on Windows.

MSSQL on Windows: DB Memory-Optimized Data Filegroup - Discoveries

MSSQL on Windows: Discover Memory-Optimized Data Filegroup

This rule discovers the Memory-Optimized Data Filegroup information for each SQL Server Database on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Memory-Optimized Data Filegroup - Unit monitors

Empty Bucket percent in the hash index

This monitor checks Hash Index Empty Buckets Count in the SQL Database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Display index count	The display count of not configured indexes according to the best practice.	5
Empty Bucket Percent Threshold	Threshold for Empty Bucket Percent that indicates the number of empty buckets in the hash index.	10
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Memory-Optimized Data Stale Checkpoint File Pairs Ratio

The monitor reports a warning state and raises an alert when the ratio of stale checkpoint file pairs in Memory-Optimized Data Filegroup is higher than the specified thresholds.
Please note that the alerts are raised only if the corresponding database is reasonably big (300 or more checkpoint files total).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Checkpoint File Pairs Threshold	An alert would be generated if Checkpoint File Pairs total count greater than or equal to the Checkpoint File Pairs Threshold.	300

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Number of samples	Indicates how many times a measured value should breach the thresholds before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	The collected ratio will be compared against this parameter.	60
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

XTP Configuration

This monitor checks the status of the SQL Database XTP Configuration. Note that this monitor works only with Enterprise, Developer, and Evaluation editions of Microsoft SQL Server. With other editions, the monitor will always be in healthy state.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

Average length of the row chains in the hash buckets

This monitor checks Hash Index Empty Buckets Count and Average Length of the Row Chains in the SQL Database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Average Chain Length Threshold	Threshold for Average Chain Length that indicates the average length of the row chains in the hash buckets.	100
Display index count	The display count of not configured indexes according to the best practice.	5
Empty Bucket Percent Threshold	Threshold for Empty Bucket Percent that indicates the number of empty buckets in the hash index.	10
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	43200
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Memory-Optimized Data Filegroup - Dependency (rollup) monitors

Containers Configuration

Rolls up all Containers configuration monitors to the DB Memory-Optimized Data Filegroup.

Containers Performance

Rolls up all Containers performance monitors to the DB Memory-Optimized Data Filegroup.

Containers Security

Rolls up all Containers security monitors to the DB Memory-Optimized Data Filegroup.

Containers Availability

Rolls up all Containers availability monitors to the DB Memory-Optimized Data Filegroup.

MSSQL on Windows: DB Memory-Optimized Data Filegroup - Rules (non-alerting)

MSSQL on Windows: Memory Used By Indexes (MB)

Collects the amount of memory allocated for indexes defined for memory-optimized tables in the given SQL Server Database on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: DB Memory-Optimized Data Filegroup Free Space Total (MB)

Collects the amount of free space available across all containers in the Memory-Optimized Data Filegroup (in Megabytes).

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XTP Controller DLC Latency/Fetch

Collects the Windows "XTP Controller DLC Latency/Fetch" performance counter for SQL Database with Memory-Optimized tables.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Checkpoint File Pairs Under Construction

Collects the number of checkpoint file pairs under construction in Memory-Optimized Data Filegroup.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Merge Target Checkpoint File Pairs

Collects the number of merge target checkpoint file pairs in Memory-Optimized Data Filegroup.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot	15

	access the database during the specified period.	

MSSQL on Windows: DB Memory-Optimized Data Filegroup Free Space Total (%)

Collects the amount of free space available across all containers in the Memory-Optimized Data Filegroup, expressed as percentage of the sum of disk free space and the size of data stored in the Memory-Optimized Data Filegroup.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Azure Maximum File Size (MB)	The maximum size of data file stored in Azure BLOB Storage. The workflow will consider this value as a maximum storage capacity for each file.	1048576
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Memory Used By Tables (MB)

Collects the amount of memory allocated for memory-optimized tables in the given SQL Server Database on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XTP Controller DLC Peak Latency

Collects the Windows "XTP Controller DLC Peak Latency" performance counter for SQL Database with Memory-Optimized tables.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XTP Memory Used (KB)

Collects the Windows "XTP Memory Used (KB)" performance counter for SQL Database with Memory-Optimized tables.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: XTP Controller Log Processed/sec

Collects the Windows "XTP Controller Log Processed/sec" performance counter for SQL Database with Memory-Optimized tables.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Precreated Checkpoint Files

Collects the number of Precreated Checkpoint Files in Memory-Optimized Data Filegroup.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Checkpoint File Pairs Waiting For Log Truncation

Collects the number of Checkpoint Files Waiting For Log Truncation in Memory-Optimized Data Filegroup.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Active Checkpoint File Pairs

Collects the number of active checkpoint file pairs in Memory-Optimized Data Filegroup.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Default Resource Pool

Microsoft SQL Server Default Resource Pool on Windows.

MSSQL on Windows: Default Resource Pool - Discoveries

MSSQL on Windows: Discover Database Engine Resource Pool managing Memory-Optimized Data resources

This rule discovers a resource pool that manages Memory-Optimized Data resources of the target SQL Server database and a relation between Resource Pool and the database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Windows: Discover Database Engine Resource Pools

This rule discovers all resource pools for a given instance of SQL Server DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Ignore the pools without Memory-Optimized Data	Must be 'true' or 'false'. When this property is set to true then discovery will discover only pools with bound databases. A database can be bound to a pool by using function sys.sp_xtp_bind_db_resource_pool.	true
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Windows: Group of Windows Availability Replicas

Group of Windows Availability Replicas.

MSSQL on Windows: Group of Windows Availability Replicas - Discoveries

MSSQL on Windows: Populate Group of Windows Availability Replicas

Populate Group of Windows Availability Replicas.

MSSQL on Windows: Group of Windows Database Replicas

Group of Windows Database Replicas.

MSSQL on Windows: Group of Windows Database Replicas - Discoveries

MSSQL on Windows: Populate Group of Windows Database Replicas

Populate Group of Windows Database Replicas.

MSSQL on Windows: Internal Resource Pool

Microsoft SQL Server Internal Resource Pool on Windows.

MSSQL on Windows: Internal Resource Pool - Discoveries

MSSQL on Windows: Discover Database Engine Resource Pools

This rule discovers all resource pools for a given instance of SQL Server DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Ignore the pools without Memory-Optimized Data	Must be 'true' or 'false'. When this property is set to true then discovery will discover only pools with bound databases. A database can be bound to a pool by using function sys.sp_xtp_bind_db_resource_pool.	true
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Windows: Local Clustered DB Engine Seed

It is a seed for MSSQL on Windows installation. This object indicates that the particular server computer contains MSSQL on Windows installation.

MSSQL on Windows: Local Clustered DB Engine Seed - Discoveries

MSSQL on Windows: Discover Local SQL Server Database Engines

This rule discovers Local SQL Server DB Engines on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Exclude List	A comma-separated list of DB Engines that must be excluded from discovery. Use a wildcard character * to exclude all DB Engines. Otherwise, use conditions like *_test to exclude DB Engine names that end with _test, Test* to exclude DB Engine names that start with Test, or *test* condition to exclude DB Engine names that have test in any place.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400

Mixed Monitoring	Specifies the names of the instances that should be monitored in mixed mode. Use comma to divide instance names. Use "*" to monitor all local DB Engines in mixed mode	
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Windows: Local DB

Microsoft SQL Server Local Database on Windows.

MSSQL on Windows: Local DB - Unit monitors

MSSQL on Windows: SQL Server Windows Service

This monitor checks the status of the Local SQL Server Database Engine service.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	False
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	60
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

MSSQL on Windows: Local DB Engine

An installation of a Local MSSQL Database Engine on Windows. The database engine hosts databases and other SQL Server components.

MSSQL on Windows: Local DB Engine - Discoveries

MSSQL on Windows: Discover Local SQL Server Database Engines

This rule discovers Local SQL Server DB Engines on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Exclude List	A comma-separated list of DB Engines that must be excluded from discovery. Use a wildcard character * to exclude all DB Engines. Otherwise, use conditions like *_test to exclude DB Engine names that end with _test, Test* to exclude DB Engine names that start with Test, or *test* condition to exclude DB Engine names that have test in any place.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Mixed Monitoring	Specifies the names of the instances that should be monitored in mixed mode. Use comma to divide instance names. Use "*" to monitor all local DB Engines in mixed mode	
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Windows: Local DB Engine - Unit monitors

WMI Health State

This monitor checks the WMI health state for all namespaces and classes used in the current management pack.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

Service Principal Name Configuration Status

This monitor checks the status of the Microsoft SQL Server instance Service Principal Name configuration.
Note that the monitor is always in "Healthy" state for non-domain joined machines.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Scope of search	Use LDAP search when the scope of a search is the domain or an organizational unit. When the scope of a search is the forest, the query can be resolved within any partition by using a Global Catalog (GC) search. List of values: LDAP GC	LDAP
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

SQL Server Windows Service

This monitor checks the status of the Local SQL Server Database Engine service.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True

Alert only if service startup type is automatic	This may only be set to 'true' or 'false'. The workflow will not consider the current startup type setting of the service if this parameter is set to 'false'. Default is 'true'.	true
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	60
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Unavailable Time (seconds)	The minimum duration of service unavailability before considering it unhealthy.	900

MSSQL on Windows: Local DB Engine - Tasks

Stop SQL Server Service

Stop SQL Server Service.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Start SQL Full-text Filter Daemon Launcher Service

Start SQL Full-text Filter Daemon Launcher Service. Note that SQL Full-text Search feature is not available in any edition of SQL Server Express, except SQL Server Express with Advanced Services.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Start SQL Agent Service from DB Engine

Start SQL Agent Service from DB Engine
Note that SQL Server Agent Windows Service is not supported by any edition of SQL Server Express.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Start SQL Server Service

Start SQL Server Service.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Stop SQL Agent Service from DB Engine

Stop SQL Agent Service from DB Engine
Note that SQL Server Agent Windows Service is not supported by any edition of SQL Server Express.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Stop SQL Full-text Filter Daemon Launcher Service

Stop SQL Full-text Filter Daemon Launcher Service. Note that SQL Full-text Search feature is not available in any edition of SQL Server Express, except SQL Server Express with Advanced Services.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Windows: Local DB Engine - Console Tasks

SQL Configuration Manager

MSSQL on Windows: Local Discovery Seed

It is a seed for MSSQL on Windows installation. This object indicates that the particular server computer contains MSSQL on Windows installation.

MSSQL on Windows: Local Discovery Seed - Discoveries

MSSQL on Windows: Discover Installation Source (seed)

This rule discovers a seed for MSSQL on Windows installation. This object indicates that the particular server computer contains MSSQL on Windows installation.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Frequency in seconds		14400

MSSQL on Windows: Memory-Optimized Data Resource Pool Group

SQL Server Memory-Optimized Data Resource Pool Group on Windows contains all SQL Server Resource Pools that manage Memory-Optimized Data resources on Windows.

MSSQL on Windows: Memory-Optimized Data Resource Pool Group - Discoveries

MSSQL on Windows: SQL Server Memory-Optimized Data Resource Pool Group Discovery

Discovery of SQL Server Memory-Optimized Data Resource Pool Group.

MSSQL on Windows: Memory-Optimized Data Scope Group

SQL Server Memory-Optimized Data Scope Group on Windows contains all SQL Server Memory-Optimized Data objects such as Memory-Optimized Data Filegroups, Containers and Resource Pools on Windows.

MSSQL on Windows: Memory-Optimized Data Scope Group - Discoveries

MSSQL on Windows: Memory-Optimized Data Scope Group Discovery

Discovery of SQL Server Memory-Optimized Data Scope Group on Windows.

MSSQL on Windows: Monitoring Pool Alert Collection

Microsoft SQL Server Monitoring Pool Alert Collection on Windows. This object is used to collect Windows module errors and warnings from event log of nodes that are the members of the SQL Server Monitoring Pool.

MSSQL on Windows: Monitoring Pool Alert Collection - Discoveries

MSSQL on Windows: Discover Monitoring Pool Alert Collections

This rule discovers a Monitoring Pool Alert Collection for a MSSQL on Windows. This object is used to collect module errors and warnings from event log of nodes that are the members of the SQL Server Monitoring Pool.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	

MSSQL on Windows: Discover Local Alert Collections

This rule discovers a Local Alert Collection for a MSSQL on Windows. This object is used to collect module errors and warnings from event log of SCOM agents that monitor Local SQL Server DB Engine instances.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Windows: Monitoring Pool Alert Collection - Rules (alerting)

MSSQL on Windows: Monitoring error

The rule traces monitoring workflows errors and generates error alerts.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

MSSQL on Windows: Discovery warning

The rule traces discovery workflows warnings and generates warning alerts.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

MSSQL on Windows: Discovery error

The rule traces discovery workflows errors and generates error alerts.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

MSSQL on Windows: Monitoring warning

The rule traces monitoring workflows warnings and generates warning alerts.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	1

MSSQL on Windows: Resource Pool

Microsoft SQL Server Resource Pool Abstract Class on Windows.

MSSQL on Windows: Resource Pool - Rules (non-alerting)

MSSQL on Windows: Maximum amount of memory the resource pool can have based on the settings and server state (KB)

Collects the Windows "Max memory (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value

Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Total amount of granted memory in the resource pool (KB)

Collects the Windows "Active memory grants count" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Current memory target for query execution memory grant (KB)

Collects the Windows "Query exec memory target (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes

Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Number of query memory grants in the resource pool

Collects the Windows "Active Memory grant amount (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Current memory target for cache memory (KB)

Collects the Windows "Cache memory target (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Number of queries waiting for memory grants in the resource pool.

Collects the Windows "Pending memory grants count" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Target amount of memory the resource pool is trying to attain based on the settings and server state (KB)

Collects the Windows "Target memory (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Used amount of memory in the resource pool (KB)

Collects the Windows "Used memory (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Number of query memory grant timeouts per second occurring in the resource pool

Collects the Windows "Memory grant timeouts/sec" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Number of query memory grants per second occurring in the resource pool

Collects the Windows "Memory grants/sec" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: Current memory target for query compile (KB)

Collects the Windows "Compile Memory Target (KB)" performance counter for each resource pool of SQL DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: User Resource Pool

Microsoft SQL Server User Resource Pool on Windows Abstract Class.

MSSQL on Windows: User Resource Pool - Unit monitors

Resource Pool Memory Consumption

The monitor reports a critical state and raises an alert when the amount of memory used by the resource pool is greater than the Threshold setting, expressed as a percentage of memory available for Memory-Optimized Data tables for the given resource pool.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Number of samples	Indicates how many times a measured value should breach a threshold before the state is changed.	6
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Threshold	The collected value will be compared against this parameter.	90
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: User Resource Pool - Rules (non-alerting)

MSSQL on Windows: User Resource Pool Memory Consumption (MB)

Collects amount of memory used by the resource pool (in Megabytes).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: User Resource Pool Memory Consumption (%)

Collects amount of memory used by the resource pool, expressed as a percentage of memory available for Memory-Optimized Data tables for the given Resource Pool.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

MSSQL on Windows: User-Defined Resource Pool

Microsoft SQL Server User-Defined Resource Pool on Windows.

MSSQL on Windows: User-Defined Resource Pool - Discoveries

MSSQL on Windows: Discover Database Engine Resource Pool managing Memory-Optimized Data resources

This rule discovers a resource pool that manages Memory-Optimized Data resources of the target SQL Server database and a relation between Resource Pool and the database.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Windows: Discover Database Engine Resource Pools

This rule discovers all resource pools for a given instance of SQL Server DB Engine.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Ignore the pools without Memory-Optimized Data	Must be 'true' or 'false'. When this property is set to true then discovery will discover only pools with bound databases. A database can be bound	true

	to a pool by using function sys.sp_xtp_bind_db_resource_pool.	
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

SQL Server Availability Group

This object represents Availability Group SMO object and contains all properties required for identification and monitoring.

SQL Server Availability Group - Discoveries

MSSQL on Windows: General Always On Discovery

This discovery is used to define which instances have Always On enabled.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300
Timeout for database connection (seconds)	The workflow will fail and register an event, if it cannot access the database during the specified period.	15

SQL Server Availability Group - Dependency (rollup) monitors

Availability Replicas Connection (Windows rollup)

This monitor rolls up the connection state of all availability replicas and check whether any availability replica is DISCONNECTED. The monitor is unhealthy when any availability replica is DISCONNECTED. The monitor is healthy otherwise. This monitor is a dependency (rollup) monitor.

Availability Group Extended Health State (Windows rollup)

This is the rollup monitor for all extended health monitors. Extended health monitors are automatically generated by discovering the existing health policies in SQL server instances on Windows.

Availability Replicas Data Synchronization (Windows rollup)

This monitor rolls up the data synchronization state of all availability replicas and checks whether any availability replica is not in the expected synchronization state. The monitor is unhealthy when any asynchronous replica is not in SYNCHRONIZING state and any synchronous replica is not in SYNCHRONIZED state. The monitor state is healthy otherwise. This monitor is a dependency (rollup) monitor.

Availability Group Automatic Failover (Windows rollup)

This monitor checks if the availability group has at least one secondary replica which is failover ready. The monitor becomes unhealthy and alert is registered when the failover mode of primary replica is automatic but none of secondary replica in the availability group is automatic failover ready. The monitor is healthy when at least one secondary replica is automatic failover ready. This monitor is a dependency (rollup) monitor.

Availability Replicas Role (Windows rollup)

This monitor rolls up the state of role of all availability replicas and checks whether any availability replica is not in a healthy role. The monitor is unhealthy when any availability replica is neither primary nor secondary. The monitor is healthy state otherwise. This monitor is a dependency (rollup) monitor.

Synchronous Replicas Data Synchronization (Windows rollup)

This monitor rolls up the data synchronization state of all availability replicas and checks whether any availability replica is not in the expected synchronization state. The monitor is unhealthy when any asynchronous replica is not in SYNCHRONIZING state and any synchronous replica is not in SYNCHRONIZED state. The monitor state is healthy otherwise. This monitor is a dependency (rollup) monitor.

Availability Group Online (Windows rollup)

This monitor checks the online or offline state of availability group. The monitor is in unhealthy state and alert is raised when the availability group's cluster resource is offline or the availability group does not have a primary replica. The monitor state is healthy when the cluster resource of availability group is online and the availability group has a primary replica. This monitor is a dependency (rollup) monitor.

SQL Server on Windows Integration Services Management Pack Objects and Workflows

MSSQL on Windows Integration Services: Local Instance

An installation of a Local MSSQL Integration Services on Windows.

MSSQL on Windows Integration Services: Local Instance - Discoveries

MSSQL on Windows Integration Services: Discover Local SQL Server Integration Services

This rule discovers Local SQL Server Integration Services on Windows.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	14400
Mixed Monitoring	Specifies the names of the instances that should be monitored in mixed mode. Use comma to divide instance names. Cluster instances are always monitored in mixed mode. Use "*" to monitor all local Integration Services in mixed mode.	
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Windows Integration Services: Local Instance - Unit monitors

Integration Service Health Status

This monitor checks the health state of the "SQL Server Integration Services" Windows service.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True

Interval (seconds)	The recurring interval of time in seconds in which to run the workflow.	300
Synchronization Time	The synchronization time specified by using a 24-hour format. May be omitted.	
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	200

MSSQL on Windows Integration Services: Local Instance - Rules (alerting)

MSSQL Integration Services on Windows: IS Service failed to load user defined Configuration file

The configuration file for the Integration Services service could not be loaded, when the services was started. By default, this file is named MSDtsSrvr.ini.xml. However, Integration Services can be configured by a registry setting to use any file name and file location.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not originate from the computer that is specified in the ComputerName parameter.	false
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

MSSQL Integration Services on Windows: The package restarted from checkpoint file. Package was configured to restart from checkpoint and it did

A package configured to use checkpoints failed and then restarted from the point of failure using the checkpoint file.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not	false

	originate from the computer that is specified in the ComputerName parameter.	
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

MSSQL Integration Services on Windows: Integration Service Package Failed

A package failed during execution.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not originate from the computer that is specified in the ComputerName parameter.	false
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

MSSQL Integration Services on Windows: IS Service has attempted to stop a running package

The Integration Services service was used to send a request to the Integration Services runtime to stop a running package. Note: This rule is disabled by default. Please use overrides to enable it when necessary.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not originate from the computer that is specified in the ComputerName parameter.	false
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

MSSQL Integration Services on Windows: Package execution failed because the checkpoint file cannot be loaded

A package that is configured to use checkpoints and to always use the checkpoint file failed to restart.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	Yes
Allow Proxying	Specifies whether the module should collect events that do not originate from the computer that is specified in the ComputerName parameter.	false
Priority	Defines Alert Priority.	1
Severity	Defines Alert Severity.	2

MSSQL on Windows Integration Services: Local Instance - Rules (non-alerting)

MSSQL Integration Services on Windows: Integration Services Buffers Spooled

The number of buffers currently written to the disk. If the data flow engine runs low on physical memory, buffers not currently used are written to disk and then reloaded when needed. This counter is polled every fifteen minutes.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Frequency (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

MSSQL Integration Services on Windows: Integration Services Rows Written

This counter displays the number of rows offered to a destination. The number does not reflect rows written to the destination data store. This counter is polled every fifteen minutes.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No

Frequency (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

MSSQL Integration Services on Windows: Integration Services Rows Read

This counter indicates the number of rows that a source produces. The number does not include rows read from reference tables by the Lookup transformation. This counter is polled every fifteen minutes.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	No
Frequency (seconds)	The recurring interval of time in seconds in which to run the workflow.	900

MSSQL on Windows Integration Services: Local Instance - Tasks

Stop Integration Service

Stop Integration Service.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

Start Integration Service

Start Integration Service.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Timeout (seconds)	Specifies the time the workflow is allowed to run before being closed and marked as failed.	300

MSSQL on Windows Integration Services: Local Seed

It is a seed for MSSQL Integration Services on Windows installation. This object indicates that the particular server computer contains MSSQL Integration Services on Windows installation.

MSSQL on Windows Integration Services: Local Seed - Discoveries

MSSQL on Windows Integration Services: Discover Installation Source (seed)

This rule discovers a seed for MSSQL Integration Services on Windows installation. This object indicates that the particular server computer contains MSSQL Integration Services on Windows installation.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Frequency in seconds		14400

MSSQL on Windows Integration Services: SQL Server Integration Services Group

This group containing all instances of Microsoft SQL Server Integration Services on Windows.

MSSQL on Windows Integration Services: SQL Server Integration Services Group - Discoveries

MSSQL on Windows Integration Services: Integration Services Group Discovery

This object discovery populates the Integration Services Group to contain all SQL Integration Services.

MSSQL: Generic Server Roles Group

Generic Server Roles Group contains all SQL Server root objects such as Database Engine instance.

MSSQL: Generic Server Roles Group - Discoveries

MSSQL on Windows Integration Services: Server Roles Group Discovery

This object discovery populates the Server Roles group to contain all SQL Server Roles.

SQL Server Alerts Scope Group

SQL Server Alerts Scope Group contains SQL Server objects which can throw alerts.

SQL Server Alerts Scope Group - Discoveries

MSSQL on Windows Integration Services: Alerts Scope Group Discovery

This object discovery populates the Alerts Scope group to contain all SQL Server Roles.