Microsoft® System Center Operations Manager

Operations guide to Microsoft System Center Management Pack for SQL Server Analysis Services

Microsoft Corporation

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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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MSSQL Analysis Services: Alerts Scope Group

Microsoft SQL Server Analysis Services alerts scope group.

MSSQL Analysis Services: Alerts Scope Group - Discoveries

SSAS: Alerts Scope Group Discovery

This object discovery populates Alerts Scope group to contain all SQL Server Analysis Services Server Roles.

MSSQL Analysis Services: Event Log Collection Target

This object is used to collect errors from event logs of computers that have SSAS components.

MSSQL Analysis Services: Event Log Collection Target - Discoveries

SSAS: Event Log Collection Target Discovery

This discovery rule discovers an event log collection target for a Microsoft SQL Server Analysis Services. This object is used to collect module errors from event log of computers that have SSAS components.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Frequency in seconds		14400

MSSQL Analysis Services: Event Log Collection Target - Rules (alerting)

An error occurred during the execution of an SSAS MP managed module

The rule oversees the Event Log and watches for error events submitted by SSAS management pack. If one of the workflows (discovery, rule or monitor) fails, an event is logged and a critical alert is reported.

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.	2
Severity	Defines Alert Severity.	2

MSSQL Analysis Services: Generic Instance on Windows

Microsoft SQL Server Analysis Services generic instance on Windows.

MSSQL Analysis Services: Generic Instance on Windows - Unit monitors

Memory consumed by SSAS Instance

The monitor reports a warning when memory allocations by SSAS instance surpass the configured 'Warning Threshold' expressed as a percentage of the 'Total Memory Limit' setting for the SSAS instance. The monitor issues a

critical alert when these allocations surpass the configured 'Critical Threshold'.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold (%)	The monitor will change the state to Critical if the value drops below this threshold.	95
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 the state to Warning if the value drops below this threshold.	80

Total Memory Limit Configuration

The monitor alerts when the configured Total Memory Limit for the SSAS instance exceeds the configured threshold, risking allocation of physical memory required for the operating system to perform its essential functions, at least 2 GB.

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.	604800
Synchronization Time	The synchronization time specified by using a 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 (GB)	The monitor alerts when the configured 'Total Memory Limit' for the operating system exceeds the	2

	configured threshold, risking allocation of physical memory required for the operating system to perform its essential functions, at least 2 GB.	

Query Pool Queue length

The monitor alerts when the size of the query pool queue for the SSAS instance is greater than the configured threshold.

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.	4
Synchronization Time	The synchronization time specified by using a 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	Health State changes if Analysis Services performance counter exceeds the threshold.	0

Processing Pool Job Queue length

The monitor alerts when the length of the processing pool job queue for the SSAS instance is greater than the configured threshold.

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.	4
Synchronization Time	The synchronization time specified by using a 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	Health State changes if Analysis Services performance counter exceeds the threshold.	0

Processing Pool I/O Job Queue length

The monitor alerts when the length of the processing pool I/O job queue for the SSAS instance is greater than the configured threshold.

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.	4
Synchronization Time	The synchronization time specified by using a 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	Health State changes if Analysis Services performance counter exceeds the threshold.	0

CPU Utilization (%)

The monitor alerts if a SSAS process consumes more CPU resources than specified by the threshold.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold (%)	The monitor alerts if the CPU utilization caused by SSAS process is higher than the threshold.	95
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.	4
Synchronization Time	The synchronization time specified by using a 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

Memory Configuration Conflict with SQL Server

The monitor alerts if there is a SQL Server relational database engine process running on the server, and the 'Total Memory Limit' configuration for the SSAS instance is higher than the specified threshold. This is done to ensure that the SQL Server process has sufficient memory.

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.	604800
Synchronization Time	The synchronization time specified by using a 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 (%)	Health State changes if there is an SQL Server relational database engine process running on the server, and Total Memory Limit configuration setting for SSAS instance exceeds the threshold.	40

Memory consumed by other processes

The monitor observes the memory usage by non Analysis Services processes on the server to ensure 'Total Memory Limit' for Analysis Services is always available.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold (%)	The monitor will change the state to Critical if the value drops below this threshold.	5
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 the state to Warning if the value drops below this threshold.	10

Service State

The monitor alerts when a Windows service for the SSAS instance is not in the running state for a duration greater than the configured threshold.

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.	60
Number of samples	Health State changes if the number of subsequent check failures is greater than or equal to the Minimum Number of Checks.	15
Synchronization Time	The synchronization time specified by using a 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

Default Storage Free Space

The monitor reports a warning when the available free space for the default instance storage drops below the 'Warning Threshold' setting expressed as percentage of the sum of estimated default storage folder (Data Directory) size and disk free space. The monitor reports a critical alert when the available space drops below the 'Critical Threshold' setting. The monitor does not take into account databases or partitions located in folders other than the default storage folder (Data Directory).

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold (%)	The monitor will change the state to Critical if the value drops below this threshold.	5
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 the state to Warning if the value drops below this threshold.	10

MSSQL Analysis Services: Generic Instance on Windows - Rules (non-alerting)

SSAS: Cache Inserts/sec

The rule collects SSAS rate of insertions into the cache.

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

SSAS: Used Space on Drive (GB)

The rule collects the total amount of used disk space on the disk, where SSAS instance Data Directory is located.

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

SSAS: Memory Usage on the Server (%)

The rule collects total memory usage in percent on the server, where SSAS instance is located.

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

SSAS: Total Memory on the Server (GB)

The rule collects the total size of memory in gigabytes on the computer, where SSAS instance is running.

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

SSAS: Cache added KB/sec

The rule collects SSAS rate of memory added to the cache, KB/sec.

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

SSAS: Memory Usage on the Server (GB)

The rule collects total memory usage in gigabytes on the server, where SSAS instance is located.

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

SSAS: Memory Usage by AS Non-shrinkable (GB)

The rule collects non-shrinkable memory in gigabytes allocated by SSAS instance.

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

SSAS: Total Memory Limit (GB)

The rule collects the configuration on SSAS instance for 'Total Memory Limit' in gigabytes.

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

SSAS: Storage Engine Query Rows sent/sec

The rule collects Rate of rows sent by server to clients.

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

SSAS: Total Drive Size (GB)

The rule collects the total size in gigabytes of the drive, where the default storage folder (Data Directory) for SSAS instance is located.

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

SSAS: Processing Pool Job Queue Length

The rule collects the length of the processing pool job queue.

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

SSAS: Instance Memory (GB)

The rule collects the total size in gigabytes of memory allocated by SSAS instance.

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

SSAS: Instance Memory (%)

The rule collects the total size in percent of memory allocated by SSAS instance.

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

SSAS: Cache Evictions/sec

The rule collects SSAS rate of evictions from the cache.

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

SSAS: Low Memory Limit (GB)

The rule collects the current configuration for the Low Memory Limit of SSAS instance in gigabytes.

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

SSAS: Processing Rows read/sec

The rule collects Rate of rows read from all relational databases.

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

SSAS: Processing Pool I/O Job Queue Length

The rule collects the length of SSAS processing pool I/O job queue.

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

SSAS: Actual System Cache (GB)

The rule collects the size in gigabytes of system cache on the computer, where SSAS instance is located.

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

SSAS: Cleaner Current Price

The rule collects current cost of memory as calculated by SSAS (cost per byte per unit of time) normalized and expressed on a scale from 0 to 1000.

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

SSAS: Instance Free Space (GB)

The rule collects the amount of free space on the drive, where the default storage folder (Data Directory) for SSAS instance is located in gigabytes.

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

SSAS: Query Pool Job Queue Length

The rule collects the length of the query pool job queue.

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

SSAS: Instance Free Space (%)

The rule collects the amount of free space on the drive, where the default storage folder (Data Directory) for SSAS instance is located, expressed as percentage of the sum of estimated default storage folder (Data Directory) size and disk free space.

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

SSAS: Default Storage Folder Size (GB)

The rule collects the total size in gigabytes of the default storage folder (Data Directory) for SSAS instance, calculated as a sum of estimated sizes of the DBs and partitions located in the Data Directory.

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

SSAS: CPU utilization (%)

The rule collects rate of CPU usage by SSAS Instance.

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

MSSQL Analysis Services: Generic Instance on Windows - Tasks

Stop Analysis Service

Stop Analysis 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 Analysis Service

Start Analysis 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 Analysis Services: Multidimensional Instance

An installation of Microsoft SQL Server Analysis Services, Multidimensional Mode.

MSSQL Analysis Services: Multidimensional Instance - Discoveries

SSAS: Multidimensional Instance Discovery

The rule discovers all instances of Microsoft SQL Server Analysis Services, Multidimensional Mode.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Editions of SQL Server to be excluded	A comma-separated list of SQL Server editions to be excluded from discovery. Supported values: Enterprise, Standard, Developer, Evaluation.	
Exclude List	A comma-separated list of Analysis Services instances that must be excluded from discovery. Use a wildcard character '*' to exclude all instances. Otherwise, use conditions like '*_test' to exclude instances, the names of which end with _test, 'Test*' to exclude instances, the names of which start with Test, or a '*test*' condition to exclude instances that have a test entry in any part of the instance's name.	
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
Versions of SQL Server to be excluded	A comma-separated list of SQL Server versions to be excluded from discovery. Example: '2014, 2016'.	

MSSQL Analysis Services: Multidimensional Instance - Dependency (rollup) monitors

Database Availability Rollup

SSAS: Multidimensional Database Availability Health Rollup

Database Security Rollup

SSAS: Multidimensional Database Security Health Rollup

Database Performance Rollup

SSAS: Multidimensional Database Performance Health Rollup

SSAS: Multidimensional Database Configuration Health Rollup

MSSQL Analysis Services: Multidimensional Instance Group

Microsoft SQL Server Analysis Services multidimensional instances group contains multidimensional instance.

MSSQL Analysis Services: Multidimensional Instance Group - Discoveries

SSAS: Multidimensional Instance Group Discovery

This object discovery populates Multidimensional Instance Group to contain all SQL Server Analysis Services Multidimensional Instances.

MSSQL Analysis Services: PowerPivot Instance

An installation of Microsoft SQL Server Analysis Services, PowerPivot Mode.

MSSQL Analysis Services: PowerPivot Instance - Discoveries

SSAS: PowerPivot Instance Discovery

The rule discovers all instances of Microsoft SQL Server Analysis Services, PowerPivot Mode.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Editions of SQL Server to be excluded	A comma-separated list of SQL Server editions to be excluded from discovery. Supported values: Enterprise, Standard, Developer, Evaluation.	
Exclude List	A comma-separated list of Analysis Services instances that must be excluded from discovery. Use a wildcard character '*' to exclude all instances. Otherwise, use conditions like '*_test' to exclude instances, the names of which end with _test, 'Test*' to exclude instances, the names of which start with Test, or a '*test*' condition to exclude instances that have a test entry in any part of the instance's name.	
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
Versions of SQL Server to be excluded	A comma-separated list of SQL Server versions to be excluded from discovery. Example: '2014, 2016'.	

MSSQL Analysis Services: PowerPivot Instance Group

Microsoft SQL Server Analysis Services PowerPivot instances group contains PowerPivot instance.

MSSQL Analysis Services: PowerPivot Instance Group - Discoveries

SSAS: PowerPivot Instance Group Discovery

This object discovery populates PowerPivot Instance Group to contain all SQL Server Analysis Services PowerPivot Instances.

MSSQL Analysis Services: Seed

An installation of Microsoft SQL Server Analysis Services seed.

MSSQL Analysis Services: Seed - Discoveries

SSAS: Seed Discovery

The rule discovers a seed for Analysis Services installation. This object indicates that the particular server computer contains Microsoft SQL Server Analysis Services installation.

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 Analysis Services: Tabular Instance

An installation of Microsoft SQL Server Analysis Services, Tabular Mode.

MSSQL Analysis Services: Tabular Instance - Discoveries

SSAS: Tabular Instance Discovery

The rule discovers all instances of Microsoft SQL Server Analysis Services, Tabular Mode.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Editions of SQL Server to be excluded	A comma-separated list of SQL Server editions to be excluded from discovery. Supported values: Enterprise, Standard, Developer, Evaluation.	
Exclude List	A comma-separated list of Analysis Services instances that must be excluded from discovery. Use a wildcard character '*' to exclude all instances. Otherwise, use conditions like '*_test' to exclude instances, the names of which end with _test, 'Test*' to exclude instances, the names of which start with Test, or a '*test*' condition to exclude instances that have a test entry in any part of the instance's name.	
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
Versions of SQL Server to be excluded	A comma-separated list of SQL Server versions to be excluded from discovery. Example: '2014, 2016'.	

MSSQL Analysis Services: Tabular Instance - Dependency (rollup) monitors

Database Availability Rollup

SSAS: Tabular Database Availability Health Rollup

Database Configuration Rollup

SSAS: Tabular Database Configuration Health Rollup

SSAS: Tabular Database Security Health Rollup

SSAS: Tabular Database Performance Health Rollup

MSSQL Analysis Services: Tabular Instance - Rules (non-alerting)

SSAS: VertiPaq Paged Memory (GB)

The rule collects VertiPaq Paged Memory usage in gigabytes.

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

SSAS: VertiPaq Memory Limit (GB)

The rule collects the configuration on SSAS instance for VertiPaq Memory Limit in gigabytes.

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

The rule collects VertiPaq Nonpaged Memory usage in gigabytes.

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

MSSQL Analysis Services: Tabular Instance Group

Microsoft SQL Server Analysis Services tabular instances group contains tabular instance.

MSSQL Analysis Services: Tabular Instance Group - Discoveries

SSAS: Tabular Instance Group Discovery

This object discovery populates Tabular Instance Group to contain all SQL Server Analysis Services Tabular Instances.

MSSQL Analysis Services: Windows Multidimensional DB

Microsoft SQL Server Analysis Services Windows multidimensional database.

MSSQL Analysis Services: Windows Multidimensional DB - Discoveries

SSAS: Multidimensional DB Discovery

The rule discovers all databases of an instance of Microsoft SQL Server Analysis Services, Multidimensional Mode.

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 databases, the names of which end with _test,	

	'Test*' to exclude databases, the names of which start with Test, or a '*test*' condition to exclude databases that have a test entry in any part of the database's name.	
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 Analysis Services: Windows Multidimensional DB - Unit monitors

Blocking Duration

The monitor alerts if at least one session is blocked for a period longer than the configured threshold.

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
Warning Threshold (min)	Health State changes if at least one session is blocked longer than the threshold.	1

Multidimensional Database Status

Analysis Services Multidimensional Database Status Monitor

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

Database Free Space

The monitor reports a warning when the available disk space for the SSAS multidimensional database storage folder drops below the 'Warning Threshold' setting expressed as percentage of the sum of the estimated database storage folder size plus disk free space. The monitor reports a critical alert, when the available space drops below 'Critical Threshold'. The monitor does not take into account partitions located in folders other than the DB storage folder.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold (%)	The monitor will change the state to Critical if the value drops below this threshold.	5
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 the state to Warning if the value drops below this threshold.	10

Blocking Session Count

The monitor alerts when the number of sessions that are blocked longer than the configured 'WaitMinutes' setting exceeds the configured threshold.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold	Health State changes when the number of blocked sessions exceeds the threshold.	10
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.	4
Synchronization Time	The synchronization time specified by using a 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
Wait Minutes	Wait Minutes parameter defines the minimum waiting time for the session to be considered by the monitor.	1

MSSQL Analysis Services: Windows Multidimensional DB - Dependency (rollup) monitors

Partition Performance Rollup

SSAS: Multidimensional Partition Performance Health Rollup

Partition Availability Rollup

SSAS: Multidimensional Partition Availability Health Rollup

Partition Configuration Rollup

SSAS: Multidimensional Partition Configuration Health Rollup

Partition Security Rollup

SSAS: Multidimensional Partition Security Health Rollup

MSSQL Analysis Services: Windows Multidimensional DB - Rules (non-alerting)

SSAS: Drive Used Space (GB)

The rule collects the total size in gigabytes of all files and folders on the drive, where the database storage folder is located.

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

SSAS: Total Drive Size (GB)

The rule collects the total size in gigabytes of the drive, where the database storage folder is located.

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

SSAS: Database Drive Space Used By Others (GB)

The rule collects the amount of used space on the drive, where the database is located, other than space used by the database itself.

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

SSAS: Database Blocking Duration (minutes)

The rule collects the longest blocking duration for currently blocked sessions.

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

SSAS: Database Free Space (%)

The rule collects the amount of free space on the drive, where the storage folder of the database is located, expressed as percentage of the sum of estimated database storage folder size and disk free space. The rule does not take into account partitions located in folders other than the DB storage folder.

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

SSAS: Database Storage Folder Size (GB)

The rule collects the estimated size of the database storage folder in gigabytes.

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

SSAS: Number of Database Blocked Sessions

The rule collects the number of sessions that are currently blocked.

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

SSAS: Database Size (GB)

The rule collects the total estimated database size in gigabytes including size of all partitions.

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

SSAS: Database Free Space (GB)

The rule collects the amount of free space in gigabytes on the drive, where the storage folder of the database is located.

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

SSAS: Database Disk Free Space (GB)

The rule collects the amount of free space on the drive, where the database is located.

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

MSSQL Analysis Services: Windows Multidimensional Partition

Microsoft SQL Server Analysis Services Windows multidimensional partition.

MSSQL Analysis Services: Windows Multidimensional Partition - Discoveries

SSAS: Multidimensional Partition Discovery

The rule discovers all partitions for Microsoft SQL Server Analysis Services Database, Multidimensional Mode.

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 Analysis Services: Windows Multidimensional Partition - Unit monitors

Partition Storage Free Space

The monitor reports a warning when the available free space for the partition storage location drops below the 'Critical Threshold' setting expressed as percentage of the sum of the total size of the folder plus disk free space. The monitor reports a critical alert when the available space drops below the 'Warning Threshold' setting. The monitor does not monitor available space for the default storage location for the SSAS instance.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold (%)	The monitor will change the state to Critical if the value drops below this threshold.	5
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 the state to Warning if the value drops below this threshold.	10

MSSQL Analysis Services: Windows Multidimensional Partition - Rules (non-alerting)

SSAS: Partition Used by Others (GB)

The rule collects the total amount of space in gigabytes on the drive, where the storage folder of the partition is located, which is allocated by files and folders other than the storage folder of the partition.

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

SSAS: Partition Free Space (%)

The rule collects the size of free space on the drive, where the partition storage is located, expressed as percentage of the sum of the partition storage folder total size plus disk free space.

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

SSAS: Partition Free Space (GB)

The rule collects the amount of free space in gigabytes on the drive, where the storage folder of the partition is located.

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

SSAS: Partition Size (GB)

The rule collects the estimated size of the partition in gigabytes.

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

MSSQL Analysis Services: Windows Tabular DB

Microsoft SQL Server Analysis Services Windows tabular database.

MSSQL Analysis Services: Windows Tabular DB - Discoveries

SSAS: Tabular DB Discovery

The rule discovers all databases running for a given instance of Microsoft SQL Server Analysis Services, Tabular Mode.

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 databases, the names of which end with _test, 'Test*' to exclude databases, the names of which start with Test, or a '*test*' condition to exclude databases that have a test entry in any part of the database's name.	
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 Analysis Services: Windows Tabular DB - Unit monitors

Database Free Space

The monitor reports a warning when the available disk space for SSAS tabular database storage folder drops below the 'Warning Threshold' setting expressed as percentage of the sum of the estimated database storage folder size

and disk free space. The monitor reports a critical alert when the available space drops below the 'Critical Threshold' setting.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold (%)	The monitor will change the state to Critical if the value drops below this threshold.	5
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 the state to Warning if the value drops below this threshold.	10

Database VertiPaq Size

This monitor reports a warning when the amount of VertiPaq memory consumed by SSAS tabular databases exceeds the 'Warning Threshold' override (specified in GB). In cases when tabular databases consume more VertiPaq memory than it is allowed by the 'Critical Threshold' override (specified in GB), the monitor throws a critical alert.

Name	Description	Default value
Enabled	Enables or disables the workflow.	No
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold (GB)	The monitor will change the state to Critical if the value drops below this threshold.	0
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	300

	and marked as failed.	
Warning Threshold	The monitor will change the state to Warning if the value drops below this threshold.	0

Tabular Database Status

Analysis Services Tabular Database Status Monitor

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 Duration

The monitor alerts if at least one session is blocked for a period longer than the configured threshold.

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

Warning Threshold (min)	Health State changes if at least one session is blocked longer than the threshold.	1

The monitor alerts when the number of sessions that are blocked longer than the configured 'WaitMinutes' setting exceeds the configured threshold.

Name	Description	Default value
Enabled	Enables or disables the workflow.	Yes
Generate Alerts	Defines whether the workflow generates an Alert.	True
Critical Threshold	Health State changes when the number of blocked sessions exceeds the threshold.	10
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.	4
Synchronization Time	The synchronization time specified by using a 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
Wait Minutes	Wait Minutes parameter defines the minimum waiting time for the session to be considered by the monitor.	1

MSSQL Analysis Services: Windows Tabular DB - Rules (non-alerting)

SSAS: Database Storage Folder Size (GB)

The rule collects the size of the database storage folder in gigabytes.

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

SSAS: Number of Database Blocked Sessions

The rule collects the number of sessions that are currently blocked.

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

SSAS: Database Blocking Duration (minutes)

The rule collects the longest blocking duration for currently blocked sessions.

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

SSAS: Database Drive Space Used By Others (GB)

The rule collects the amount of used space on the drive, where the database is located, other than space used by database itself.

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

SSAS: Drive Used Space (GB)

The rule collects the total size in gigabytes of all files and folders on the drive, where the database storage folder is located.

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

SSAS: Database Free Space (%)

The rule collects the amount of free space on the drive, where the storage folder of the database is located, expressed as percentage of the sum of estimated database storage folder size and disk free space.

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

SSAS: Database Disk Free Space (GB)

The rule collects the amount of free space on the drive, where the database is located.

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

SSAS: Database Free Space (GB)

The rule collects the amount of free space in gigabytes on the drive, where the storage folder of the database is located.

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

SSAS: Total Drive Size (GB)

The rule collects the total size in gigabytes of the drive, where the database storage folder is located.

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

SSAS: Database Size (GB)

The rule collects the total database size in gigabytes.

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

SSAS: Database VertiPaq Memory Size (GB)

This rule tracks the VertiPaq memory size of the database in gigabytes.

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

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

SSAS: Server Roles Group Discovery

This object discovery populates Server Roles group to contain all SQL Server Analysis Services 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

SSAS: Alerts Scope Group Discovery

This object discovery populates the Alerts Scope group to contain all SQL Server Analysis Services Server Roles.