Hitachi Infrastructure Adapter for Microsoft® System Center Operations Manager v01.10.1 Release Notes

About this document

This document provides the latest information about Hitachi Infrastructure Adapter for Microsoft® System Center Operations Manager. It includes information that was not available at the time the technical documentation for this product was published and known problems and solutions.

Intended audience

This document is intended for customers and Hitachi Ltd. partners who license and use Hitachi Infrastructure Adapter for Microsoft® System Center Operations Manager.

Getting help

Hitachi Data Systems Support Connect is the destination for technicalsupport of products and solutions sold by Hitachi Data Systems. To contact technical support, log on to Hitachi Data Systems SupportConnect for contact information: https://support.hds.com/en_us/contact-us.html.

Before calling the Hitachi Data Systems Support Center, please provide as much information about the problem as possible, including:

- The circumstances surrounding the error or failure.

- The exact content of any error message(s) displayed on the host system(s).

Software and Hardware Support

⚠️ **Note:** this release supports only the software and hardware listed below.

Supported Software

Operating Systems
Microsoft Windows Server 2012 Standard/Datacenter Edition
Microsoft Windows Server 2012 R2 Standard Edition
Microsoft Windows Server 2016 Standard/Datacenter Edition

Other Software	Remarks
Microsoft System Center 2012 SP1 Operations Manager	
Microsoft System Center 2012 R2 Operations Manager	
Microsoft System Center 2016 Operations Manager	
Microsoft .NET Framework 3.5 SP1	
Microsoft .NET Framework 4.5 (Windows Server 2012)	
Microsoft .NET Framework 4.6 (Windows Server 2016)	
Microsoft Management Console 3.0	
RAID Manager for WindowsNT/x64 (Command Control Interface)	▪ 1-39-03/04 or higher
IPMIUTIL, an open-source download from SourceForge.net	▪ This software's required when Hitachi Compute systems are being used. ▪ Windows Server 2012: 2.9.1 (ipmiutil-2.9.1.msi) ▪ Windows Server 2016: 3.0.0 (ipmiutil-3.0.0.msi)
Java SE Runtime Environment（x64）	▪ 1.8.0 or higher ▪ Note: the x64 edition's specifically required; this adapter won't work with the x86 (thirty-two bit) edition.

Supported Hardware

Hitachi Storage Devices	Minimum Microcode
HUS 100 Series (HUS 110/130/150)	0984/B-S or higher
HUS VM	73-03-50-00/00 or higher
VSP	70-06-42-00/00 or higher
VSP G1000 and VSP F1000	80-05-01-00/00 or higher
VSP Gx00 and VSP Fx00	83-04-01-x0/00 or higher
VSP Gx00 and Fx00 Unified	83-04-01-x0/00 or higher
VSP G1500 and VSP F1500	80-05-01-00/00 or higher
HNAS 4000 series	12.6 (HYAS ver. 1.8)

Storage I/O Interfaces
FC
iSCSI

Controllers	
Dual controllers are required on all applicable models	
Hitachi Compute Blade 2000 Devices	**Minimum Microcode**
Chassis	Management Module level A0310-G-7037 or higher
X55 Blades: A2, R3, S3, R4, and S4	A2 BMC: 03-93 or higher R3/S3 BMC: 05-13 or higher R4/S4 BMC: 07-06 or higher
X57 Blades: A1 and A2	BMC: 04-62 or higher
Hitachi 1Gb Ethernet switch (LANSW) module	10.7.K or higher

Hitachi Compute Blade 500 Devices	Minimum Microcode
Chassis	Management Module level A0125-A-6432 or higher
520H Blades: B2, B4 and A2	B2 and A2: 01-63 or higher B4: 78-06 or higher
520A Blades	02-33 or higher
540A Blades	03-14 or higher
Hitachi 1Gb Ethernet switch (LANSW) module	10.7.K or higher

Brocade 8Gb FC switch module	V6.3.2d1 or higher

Hitachi Compute Blade 2500 Devices	Minimum Microcode
Chassis	Management Module level A0110-H-791 or higher If use 520H B4, CB2500 Management Modue level must be A0150-B-1410.
520X Blades: B1 and B2	B1: 07-18 or higher B2: 09-06 or higher
520H Blades: B3 and B4	B3: 08-19 or higher B4: 78-06 or higher
Hitachi 1Gb Ethernet switch (LANSW) module	7.7.8.0 or higher

Hitachi Compute Rack 200 Devices	Minimum Microcode
CR210H	09-11 (BMC) or higher
CR220H	
CR220S	

QuantaPlex devices in UCP2000	Minimum Microcode
QuantaPlex T41S-2U	3.42.00 or higher

Changes in this Release

- None

Known Problems

- Performance information in SCOM might not be updated at a certain monitoring period irregularly.

Fixed Problems

- Add Subsystem operation for NAS unified configurations for VSP Fx00 arrays fails in case of SVOS 7.0/7.1(HNAS OS 13.0/13.1).

Restrictions and Considerations

- Windows Update KB3118401 needs to be applied to the server where SCOM Adapter v1.10 is installed if the server OS is Windows Server 2012 or 2012 SP1/R2. (KB3118401: Update for Universal C Runtime in Windows)

- Turning on the Real-time Protection feature in Windows Defender may cause a degradation in SCOM adapter performance. It is recommended that you add exclusions for the SCOM installation folder and for the Microsoft Management Console.

- You need to log out of your Windows account, then login again in case of Windows Server 2016 before using SCOM Adapter.

- Virtual LDEV number cannot be specify as the filtering parameter for performance information in Hitachi Storage Connector Configuration GUI.

- If you upgrade a VSP G1000 subsystem while it is operating to a VSP G1500, the display for the VSP G1000 subsystem will appear as UNKNOWN. Remove any VSP G1000 subsystem(s) that appear as UNKNOWN, then add the VSP G1500 subsystem.

- Other non-SCOM adapter products that use the SNM2 API cannot be installed on the same server where the Hitachi SCOM adapter is installed.

- If a connection issue occurs between the Hitachi SCOM adapter and the Quanta server, a Warning state is displayed in the Chassis State View. When in this state, the state of the chassis cannot be monitored; therefore, verify the chassis fail state from the Alert View rather than from the Chassis State View.

- The state of the chassis for QuantaPlex T41S-2U servers is not determined by directly monitoring the chassis. Instead, the chassis state is determined and displayed by monitoring the fan redundancy state and the power supply state.

- The state of the node(s) for QuantaPlex T41S-2U servers is not determined by directly monitoring the node(s). Instead, the node state is determined and displayed by monitoring the state of the connection to the node(s).

Documentation

Related Documents

- **Hitachi Infrastructure Adapter for Microsoft® System Center Operations Manager User's Guide for Consolidated Installer** (MK-92SCOM010-10)
- **Hitachi Infrastructure Adapter for Microsoft® System Center Operations Manager User's Guide for Compute Systems** (MK-92SCOM009-10)
- **Hitachi Infrastructure Adapter for Microsoft® System Center Operations Manager User's Guide for Storage** (MK-92SCOM008-10)

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