Hitachi Vantara

Hitachi Infrastructure Management Pack for VMware Operations 02.12.0 Release Notes

About this document

This document (RN-92ADPTR080-25, Mar 2026) provides the latest information about Hitachi Infrastructure Management Pack for VMware Operations 02.12.0, including information that was not available at the time the technical documentation for this product was published.

Intended audience

This document is intended for customers and Hitachi Vantara partners who license and use Hitachi Infrastructure Management Pack for VMware Operations.

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About this release

This release is a minor release that adds new features.

- Support of VSP One B85

- Support of VMware Cloud Foundation Operations 9.0

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Software and Hardware Support

The software and hardware listed below is supported by this release. Hardware and/or software not listed in the table(s) below is not supported by this release.

Operating Systems

Hitachi Infrastructure Management Pack for VMware Operations supports following operating systems:

Operating Systems	Client[Note]
Microsoft Windows (dependent on the versions supported by VMware Aria Operations or VMware Cloud Foundation Operations)	X

Note: an operating system in the client role is used to access the VMware Aria Operations or VMware Cloud Foundation Operations server using a Web browser.

Supported Software

Hitachi Infrastructure Management Pack for VMware Operations supports the following software:

Software	Versions
VMware Aria Operations	8.18
VMware Cloud Foundation Operations	9.0
VMware vCenter Server (Standalone and vApp based ver.)	8.0 Update 3 9.0
VMware ESXi Server	8.0 Update 3 9.0
Hitachi Infrastructure Analytics Advisor (The name of "Hitachi Infrastructure Analytics Advisor" has been changed to "Hitachi Ops Center Analyzer" on version 10.0.0.)	3.2.0 or later
Hitachi Data Center Analytics (The name of "Hitachi Infrastructure Analytics Advisor" has been changed to "Hitachi Ops Center Analyzer detail view" on version 10.0.0.)	Dependent on HIAA prerequisite version
Microsoft Edge Mozilla Firefox Google Chrome	Support version compiles with the VMware Aria Operations or VMware Cloud Foundation Operations supported version.

Storage Systems

Hitachi Infrastructure Management Pack for VMware Operations supports the following storage systems:

Storage model	Firmware version
VSP E590, E790	93-03-01 or later
VSP E590H, E790H	93-05-02 or later
VSP E990	93-02-01 or later
VSP E1090, E1090H	93-06-01 or later
VSP F400, F600, F800 VSP G200, G400, G600, G800	83-02-01 or later
VSP F350, F370, F700, F900 VSP G350, G370, G700, G900	88-01 or later

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VSP N400, N600, N800	83-06-01 or later
VSP 5100, 5500, 5100H, 5500H	90-01-41 or later
VSP 5200, 5600, 5200H, 5600H	90-08-01 or later
VSP F1500, VSP G1500	80-05 or later
VSP G1000	80-03-31 or later
VSP One B24, B26, B28	A3-02-21 or later
VSP One B85 (iSCSI, FC, NVMe/TCP)	A0-05-21 or later
VSP One SDS Block (virtual machine model)	01.12.00.xx, 01.13.00.xx, 01.14.00.xx
VSP One SDS Block (bare metal model)	01.13.00.xx, 01.14.00.xx, 01.16.00.xx, 01.17.00.xx, 01.18.01.xx

Brocade FC Switches

Hitachi Infrastructure Management Pack for VMware Operations supports the following Brocade Fabric OS version:

6.1.2b1, 6.2.2d, 6.3.2e8, 7.0.2e, 7.2.1a, 7.4.1b, 8.2.0, 8.2.0a and 8.2.0b

Known Problems

Alerts "Status of Brocade Fabric Switch is Faulty." and "Status of Brocade Fabric Switch Port is Faulty." are not output.

Operating Suggestions

When using the dedupe and compression function, the busy rate of Management Processor Blade might exceed 40% by running the compression and deduplication and processing garbage collection, and Hitachi Infrastructure Management Pack for VMware Operations alerts immediately. Then ask the storage administrator to judge the necessity of counter action.

The three metrics below are collected and displayed by the Hitachi Infrastructure Management Pack for VMware Operations only per an hour.
Initial Copy Xfer Rate (MBps)
Update Copy Xfer Rate (MBps)
Total Copy Xfer Rate (MBps)
These three metrics could be used in the use cases below.
[Initial Copy Xfer Rate (MBps)]
If the initial copy takes more than an hour, users could check this metric. If the initial copy ends in less than an hour, this metric might be 0 on the dashboard.
[Update Copy Xfer rate (MBps) and Total Copy Xfer Rate (MBps)]
If the values of these metrics are lower than the expected values, users ask the storage administrator to check the cause and resolve it.
Relationship between the collecting interval of the Ops Center Analyzer and the one of the Hitachi Infrastructure Management Pack for VMware Operations, see "Collecting performance information from HIAA/Ops Center Analyzer" in Chapter4 of the User's Guide.

Hitachi Infrastructure Management Pack for VMware Operations can collect all the metrics of Hitachi Virtual Storage Platform One SDS Block (SDS) which including Virtual Private Storages (VPS). To enable this functionality, please assign Monitor role to system administrator of SDS and create probes on Analyzer probe server using the credential of system administrator of SDS.

When installing Hitachi Infrastructure Management Pack for VMware Operations on VMware Aria Operations 8.18, if the error message "Signature on PAK file 'Hitachi-InfraMP-operations-setup(02.12.0)-01.pak' is not valid" is displayed, please select the "Ignore the PAK file signature checking" checkbox and proceed with the installation. This behavior is due to a specification of VMware Aria Operations and there are no issues with Hitachi Infrastructure Management Pack for VMware Operations functionality.

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Restrictions

Accelerated compression is not supported on VSP 5000 series even if parity groups are made up of flash drives. The management pack does not support to display metrics of data reduction by Accelerated compression is not supported for VSP 5000 series.

Under the VSP E590/E590H and E790/E790H environment including a global-active device configuration, metric information of the Virtual Logical Device object will not be collected for the global-active device configuration and the W3200010 message will be output to the log.

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