

Hitachi Storage Plug-in for VMware vCenter v02.7.2 Release Notes

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About this document

- This document provides the latest information about the Hitachi Storage Plug-in for VMware vCenter. 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 the Hitachi Storage Plug-in for VMware vCenter.

Getting help

The Hitachi Data Systems Support Center staff is available 24 hours a day, seven days a week. Provisions for patches and fixes are restricted to normal business hours, 8 a.m. to 5 p.m. PST.

To reach us, please visit the support Web site for current telephone numbers and other contact information: <http://www.hds.com/services/support/>. If you purchased this product from an authorized HDS reseller, contact that reseller for support.

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

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

The Hitachi Storage Plug-in for VMware vCenter supports the following operating systems:

#	Operating System
1.	Microsoft Windows Server 2003 Standard x86/x64 Edition with SP2
2.	Microsoft Windows Server 2003 Enterprise x86/x64 Edition with SP2
3.	Microsoft Windows Server 2003 R2 Standard x86/x64 Edition with SP2
4.	Microsoft Windows Server 2003 R2 Enterprise x86/x64 Edition with SP2
5.	Microsoft Windows Server 2008 Standard x86/x64 Edition SP2
6.	Microsoft Windows Server 2008 Enterprise x86/x64 Edition SP2
7.	Microsoft Windows Server 2008 R2 Standard x64 Edition SP1
8.	Microsoft Windows Server 2008 R2 Enterprise x64 Edition SP1
9.	Microsoft Windows Server 2012 Standard x64 Edition
10.	Microsoft Windows Server 2012 Datacenter x64 Edition
11.	Microsoft Windows Server 2012 R2 Standard x64 Edition
12.	Microsoft Windows Server 2012 R2 Datacenter x64 Edition
13.	Microsoft Windows 7 Enterprise SP1
14.	Microsoft Windows 7 Home Premium SP1
15.	Microsoft Windows 7 Professional SP1
16.	Microsoft Windows 7 ultimate SP1
17.	Microsoft Windows 8
18.	Microsoft Windows 8 Pro
19.	Microsoft Windows 8 Enterprise

Software

The Hitachi Storage Plug-in for VMware vCenter supports the following software:

#	Software	Remarks
1.	JRE 1.7 Note 1	Required for VMware management client
2.	Microsoft .NET Framework 3.5 SP1 Note 1	Required for VMware management client
3.	Microsoft Visual C++ 2008 distributable package (x86) (English version) Note 1 Note 2	Required for VMware management client
4.	One of the following software is required Note 1 VMware vSphere Client 5.0 (Update 3a) VMware vSphere Client 5.1 (Update 2a) VMware vSphere Client 5.5 (Update 1b)	Required for VMware management client
5.	One of the following software is required VMware vCenter Server 5.0 (Update 3a) VMware vCenter Server 5.1 (Update 2a) VMware vSphere Client 5.5 (Update 1b) VMware vSphere Server Appliance 5.0 (Update 3a) VMware vSphere Server Appliance 5.1 (Update 2a) VMware vSphere Server Appliance 5.5 (Update1b)	Required for VMware management server
6.	One of the following software is required VMware ESXi Server 5.0 (Update 3) VMware ESXi Server 5.1 (Update 2) VMware ESXi Server 5.5 (Update 1)	Required for ESX Server
7.	Hitachi Device Manager (Part of Hitachi Command Suit)	<ul style="list-style-type: none"> ▪ When Hitachi Storage Plug-in manages USP V/VM, VSP and HUS VM, this software is needed. ▪ Compatible version: USP V/VM, VSP: 7.0 or later HUS VM: 7.3.1 or later VSP G1000 : 8.0.0 or later

Note 1:

If any of the required software has not been installed when Hitachi Storage Plug-in is installed, installation of the Hitachi Storage Plug-in will fail.

Note 2:

Even when the VMware management client is the 64bits OS version, install the x86 version of the Microsoft Visual C++ 2008 distribution package.

Services

The Hitachi Storage Plug-in for VMware vCenter supports the following services:

#	Item	Description
1.	HCS Device Manager Web Service	HDvM Service When Hitachi Storage Plug-in manages USP V/VM, VSP, HUS VM and VSP G1000 this item is needed to be operated on the HDvM server.

Storage Systems

The Hitachi Storage Plug-in for VMware vCenter supports the following storage systems:

#	Item	Description	
1.	Supported systems (except Snapshot Datastore)	<ul style="list-style-type: none"> ▪ AMS2000 series (AMS2010/2100/2300/2500) ▪ HUS100 series (HUS110/130/150) ▪ USP V/VM ▪ VSP ▪ HUS VM ▪ VSP G1000 	
2.	Supported systems (Snapshot Datastore)	HUS100 series (HUS110/130/150)	
3.	Firmware revision	AMS2000 series	▪ 08C3/N or later
		HUS100 series	▪ 0930/A or later
		USP V/VM	▪ 60-08 or later
4.		VSP	▪ 70-03 or later
		HUS VM	▪ 73-01 or later
		VSP G1000	▪ 80-01 or later
5.	Host port	AMS2000 series	Fibre Channel, iSCSI (1 Gbps, 10 Gbps)
		HUS100 series	
		USP V/VM	Only Fibre Channel
		VSP	
		HUS VM	
		VSP G1000	
6.	Controller	Dual controller is required	

Changes in this Release

New features and important enhancements

- Not Applicable for this release.

Known Problems

- By the setting contents of the following items to be set in storage system, Hitachi Storage Plug-in may not work normally. Please refer Chapter 3 of the Hitachi Storage Plug-in for VMware vCenter User's Guide about the problematic setting contents.
 - Resource group name
 - Host group name
 - DP pool name
 - A user name to use when registering storage system with HDvM

Fixed Problems

- Failure of Refresh Storage System for USP VM.
- Failure of Remove Storage System for USP V and USP VM.
- Host group relating to USP V and USP VM is not displayed when a process of Provision Datastore is executed.
- Failure of Provision Datastore for USP V and USP VM.
- Unknown of the Storage status information.
- When Remove Storage System was executed for USP VM, storage information is not deleted in a configuration file.

Restrictions and Considerations

Refer to "3 Restrictions and Considerations" of the Hitachi Storage Plug-in for VMware vCenter User's Guide(MK-90ADPTR000-22).

Documentation

Related Documents

This section lists the documents and their part numbers for this release.

- **Hitachi Storage Plug-in for VMware vCenter User's Guide**
(MK-90ADPTR000-22)

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