

Hitachi Storage Plug-in for VMware vCenter v03.2.2 Release Notes

About this document.....	1
Intended audience.....	1
Getting help	1
Software and Hardware Support	2
Changes in this Release	5
New features and important enhancements	5
Known Problems	5
Fixed Problems	5
Restrictions and Considerations.....	5
Documentation	5
Copyrights and Licenses.....	6

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 on the vSphere Web Client:

#	Operating System
1.	Microsoft Windows Server 2008 R2 Standard Edition x64 SP1
2.	Microsoft Windows Server 2008 R2 Enterprise Edition x64 SP1
3.	Microsoft Windows Server 2008 R2 Datacenter Edition x64 SP1
4.	Microsoft Windows Server 2012 Standard Edition
5.	Microsoft Windows Server 2012 Datacenter Edition
6.	Microsoft Windows Server 2012 R2 Standard Edition
7.	Microsoft Windows Server 2012 R2 Datacenter Edition

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

#	Operating System
1.	Microsoft Windows 7 Enterprise SP1
2.	Microsoft Windows 7 Home Premium SP1
3.	Microsoft Windows 7 Professional SP1
4.	Microsoft Windows 7 ultimate SP1
5.	Microsoft Windows 8
6.	Microsoft Windows 8 Pro
7.	Microsoft Windows 8 Enterprise
8.	Microsoft Windows Server 2008 R2 Standard Edition x64 SP1
9.	Microsoft Windows Server 2008 R2 Enterprise Edition x64 SP1
10.	Microsoft Windows Server 2008 R2 Datacenter Edition x64 SP1
11.	Microsoft Windows Server 2012 Standard Edition
12.	Microsoft Windows Server 2012 Datacenter Edition

13.	Microsoft Windows Server 2012 R2 Standard Edition
14.	Microsoft Windows Server 2012 R2 Datacenter Edition
15.	Mac OS X

Software

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

#	Software	Remarks
1.	One of the following software is required Note 1 VMware vSphere Web Client 5.1 (Update 2a) VMware vSphere Web Client 5.5 (Update 1b)	Required for vSphere Web client
2.	One of the following software is required VMware vCenter Server 5.1 (Update 2a) VMware vCenter Server 5.5 (Update 2b) VMware vCenter Server Appliance 5.1 (Update 2a) VMware vCenter Server Appliance 5.5 (Update 1b)	Required for vSphere Web client
3.	One of the following software is required VMware ESXi 5.1 (Update 2) VMware ESXi 5.5 (Update 2)	Required for ESXi
4.	Hitachi Device Manager (One of Hitachi Command Suit)	<ul style="list-style-type: none"> ▪ When Hitachi Storage Plug-in manages USP V/VM, VSP, HUS VM and VSP G1000 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
5.	Microsoft Internet Explorer Mozilla Firefox Google Chrome	Installed in VMware Management client. Supported version complies with the vSphere Web Client supported version.

Note 1:

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

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	<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.	Firmware revision	AMS2000 series	▪ 08C3/N or later
		HUS100 series	▪ 0930/A or later
		USP V/VM	▪ 60-08 or later
		VSP	▪ 70-03 or later
		HUS VM	▪ 73-01 or later
		VSP G1000	▪ 80-01 or later
3.	Host port	AMS2000 series	Fibre Channel, iSCSI (1 Gbps, 10 Gbps)
		HUS100 series	
		USP V/VM	Only Fibre Channel
		VSP	
		HUS VM	
		VSP G1000	
4.	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

- Fixing the defect of the Add Storage function at the time of P.P.[Dynamic Provisioning] locking for the AMS2000 series /HUS100 series.
- Fixing the defect of the Provision Datastore function for RAID Group for the AMS2000 series/HUS100 series.
- Fixing the problem that information of RAID Group cannot be displayed on the Storage Configuration screen of Provision Datastore.

Restrictions and Considerations

Refer to "3 Restrictions and Considerations" of the Hitachi Storage Plug-in for VMware vCenter User's Guide(MK-92ADPTR047-04).

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-92ADPTR047-04)

Copyrights and Licenses

Copyright © 2014 Hitachi Ltd., ALL RIGHTS RESERVED.

Legal Disclaimer

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, or stored in a database or retrieval system for any purpose without the express written permission of Hitachi, Ltd. (hereinafter referred to as "Hitachi").

Hitachi reserves the right to make changes to this document at any time without notice and assume no responsibility for its use. This document contains the most current information available at the time of publication. When new and/or revised information becomes available, this entire document will be updated and distributed to all registered users.

All of the features described in this document may not be currently available. Refer to the most recent product announcement or contact your local Hitachi Data Systems Corporation sales office for information on feature and product availability.

Trademarks of other companies

Java is a registered trademark of Oracle Corporation, its subsidiaries and affiliates.

"Microsoft" is a registered trademark or trademark of Microsoft Corp. in the United States and other countries.

Visual C++ is a registered trademark or trademark of Microsoft Corp. in the United States and other countries.

Windows Server is a registered trademark or trademark of Microsoft Corp. in the United States and other countries.

Windows is a registered trademark or trademark of Microsoft Corp. in the United States and other countries.

VMware vSphere is a registered trademark or trademark of VMware, Inc. in the United States and other countries.

VMware and ESXi are registered trademarks or trademarks of VMware, Inc. in the United States and other countries.

All other brand names and product names are registered trademarks or trademarks of the individual owners. In addition, ® and ™ are not marked in the text.