

Hitachi Provisioning Manager Software

6.4.0-03 Release Notes

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About This Document

This document (RN-00HS266P-07 – July.29.2010) provides late-breaking information about the Hitachi Provisioning Manager Software 6.4.0-03. It includes information that was not available at the time the technical documentation for this product was published, as well as a list of known problems and solutions.

Intended Audience

This document is intended for customers and Hitachi Data Systems partners who license and use the Hitachi Provisioning Manager Software.

Getting Help

The Hitachi Data Systems Support Center staff is available 24 hours a day, seven days a week. 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.

About This Release

- This release is a major release that adds fixes a variety of bugs.

Product Package Contents

Medium	CD-ROM	Revision	Release Type	Prerequisite version of Service Pack
Software	Hitachi Provisioning Manager Software	6.4.0-03	Full Package	-
Documents	Hitachi Provisioning Manager Software Error Codes	MK-95HC117-11		

New Features and Important Enhancements

For 6.4.0-03

None

For 6.4.0-00

#	New Features and Enhancements	Applied products	Applied OS
1	Provisioning Manager now supports advanced security settings for encrypting communications.	Provisioning Manager server	All (Note)
2	The following storage subsystem are now supported: Hitachi AMS2100(H/W Rev. 0200) Hitachi AMS2300(H/W Rev. 0200) Hitachi AMS2500(H/W Rev. 0200)	Provisioning Manager server Provisioning Manager Web Client	Windows Solaris (SPARC)
3	Provisioning Manager server and Web Client now supports the following Linux OS versions: SUSE Linux Enterprise Server 10 Service Pack3 SUSE Linux Enterprise Server 11	Provisioning Manager server Provisioning Manager Web Client	All (Note)
4	Provisioning Manager server and Web Client now supports the following Linux OS versions: Red Hat Enterprise Linux Advanced Platform 5.4 Red Hat Enterprise Linux 5.4	Provisioning Manager server Provisioning Manager Web Client	All (Note)
5	Provisioning Manager server now supports the following OS as a guest OS of virtual server product VMWare ESX/ESXi Server 3.x or 4.x Windows 7 Windows Server 2008 R2	Provisioning Manager server	Windows
6	Provisioning Manager server now supports the virtual server product Solaris LDomS 1.3.	Provisioning Manager server	Solaris
7	PowerHA 6.1 is now supported when the host OS is AIX	Device Manager	All (Note)

System Requirements

	6.1.	agent	
8	Device Manager agent now support the following virtualization software: Solaris Logical Domains 1.3	Device Manager agent	All (Note)
9	Provisioning Manager has been improved so that the Provisioning Manager server does not stop when a product other than a Hitachi Storage Command Suite product or related product uses a port from 45001/tcp to 49000/tcp. The related products are as follows: - Hitachi Storage Navigator Modular2 - Hitachi Network Attached Storage/Management	Provisioning Manager server	All (Note)

Note: Applies to all supported operating systems in Provisioning Manager server.

System Requirements

Please review the following manual references:

- Online help
About the Device Manager Agent
- *Hitachi Device Manager Software Server Configuration and Operation Guide*
System and Media Requirements
- *Hitachi Device Manager Agent Installation Guide*
Reviewing the Host Requirements for the Device Manager Agent
Supported SAN Environments

Fixed Problems

From 6.4.0-00 to 6.4.0-03

#	Corrected Problems	Applied products	Applied OS
1	The following problem has been corrected: The following problem that occurs displaying Storage Pool window when the Device Manager manages one of Hitachi AMS2010, AMS2100, AMS2300, or AMS2500 has been corrected. <Problem 1> The capacity information for the HDP volumes of the target storage subsystem is not included in the following information displayed in the Storage Pool window of Provisioning Manager: - Analyze Per Model - Analyze Per RAID Level	Provisioning Manager server SER-34	Windows Solaris (SPARC)

Known Problems

	<ul style="list-style-type: none"> - Analyze Per Series - Analyze Per Subsystem - Show Properties <p><Problem 2></p> <p>The target storage subsystem information is not included in the following information displayed in the Storage Pool window of Provisioning Manager:</p> <ul style="list-style-type: none"> - Analyze Per Model - Analyze Per RAID Level - Analyze Per Series - Analyze Per Subsystem 		
2	<p>The following problems have been corrected so that Provisioning Manager can manage Windows Server 2008 R2 hosts.</p> <p><Problem 1></p> <p>In the <i>host-name</i> subwindow of Provisioning Manager, "Not Installed" is displayed for the Provisioning Manager status.</p> <p><Problem 2></p> <p>In the <i>host-name</i> subwindow of Provisioning Manager, after host information is updated, "Installed. Host settings can be specified." is displayed for the Provisioning Manager status, but filesystems and device files are not displayed.</p> <p><Problem 3></p> <p>After one of the following operations is performed, device files are displayed in the host information window, but filesystems are not displayed.</p> <ul style="list-style-type: none"> - Device Manager server information is updated by manually or automatically executing the HiScan command. - The Device Manager agent service starts. - Hosts are refreshed by using Web Client. <p><Problem 4></p> <p>When deleting a device file fails with the error KARF41005-E.</p>	<p>Device Manager agent AGT-35</p>	<p>All (Note)</p>

Note: Applies to all supported operating systems in Provisioning Manager server.

From 6.3.0-00 to 6.4.0-00

None

Known Problems

- Restriction on Mozilla 1.7.13 (HP-UX 11iv3) support:
In this release, Provisioning Manager Web Client does not support connecting to a Provisioning Manager server by using Mozilla 1.7.13 (HP-UX 11iv3 on PA-RISC) with an IPv6 protocol.

Installation Precautions

Please review the following manual references:

- *Hitachi Storage Command Suite Software Server Installation Guide, Device Manager, Provisioning Manager, Tiered Storage Manager*
Installing to a Standard Windows Environment
Installing to a Solaris or Linux Environment
- *Hitachi Device Manager Agent Installation Guide*
Installing the Device Manager Agent in Windows
Installing the Device Manager Agent in UNIX

Usage Precautions

Documentation

Available Documents

Manual Name	Manual No.	Issue Date
Hitachi Provisioning Manager Software Error Codes	MK-95HC117-11	December, 2009

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