

Hitachi Global Link Manager

8.1.3-00 Release Notes

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About this document

This document (RN-00HS239-30, May 2015) provides late-breaking information about Hitachi Global Link Manager 8.1.3-00. 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 Hitachi Global Link Manager.

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 website at

About this release

<http://www.hds.com/services/support/> for current telephone numbers and other contact information. 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 new features.

Product package contents

Medium	CD-ROM	Revision	Release Type
Software	Hitachi Global Link Manager	8.1.3-00	Full Package
Documents	Release Notes (this document)		
	Hitachi Command Suite Global Link Manager Installation and Configuration Guide	MK-95HC107-19	
	Hitachi Command Suite Global Link Manager Messages	MK-95HC108-18	
	Hitachi Command Suite Global Link Manager User Guide	MK-92HC214-01	
	Statement of Delivery and Usage Consent Form		

New features and important enhancements

For 8.1.3-00

#	New Features and Enhancements	Applicable Products	Applicable OS
1.	Support for VSP G200, G400, and G600: VSP G200, G400, and G600 were added to the supported storage systems.	-	-

System requirements

System requirements have been moved into a separate document, Hitachi Command Suite System Requirements (MK-92HC209). The document is presented in HTML format to be read in a browser. Open the ZIP file, and read ReadMe.txt for information about how to access the document.

Resolved problems

[8.1.3-00 Modifications]

The following problem has been corrected:

Resolved problems

- (1) While upgrading all of the HCS products set on a Windows machine to any version that is HCS 8.1.1-00 or later but earlier than HCS 8.1.3-00 series, the last upgrading for a HCS product may fail (in most cases, the installation of HGLM fails with the KAIF40017-E message). And all of the HCS products' services do not start.

[Conditions]

This problem occurs when one of the following conditions are met.

Conditions of Occurrence1:

- (1) The following products have been installed on the machine where this symptom occurred:

HDvM, HTSM, HRpM, HTnM, HCSM, HAD, HGLM

- (2) The upgrade or overwrite installation of the HCS products in (1) to any of the following versions affected is performed.

Software	Version
HDvM	8.1.1-00 to earlier than 8.1.3-00
HTSM	8.1.1-00 to earlier than 8.1.3-00
HRpM	8.1.1-00 to earlier than 8.1.3-00
HTnM	8.1.1-00 to earlier than 8.1.3-00
HCSM	8.1.1-00 to earlier than 8.1.3-00
HAD	8.1.1-00 to earlier than 8.1.3-00
HGLM	8.1.1-00 to earlier than 8.1.3-00

Conditions of Occurrence2:

- (1) The following products have been installed on the machine where this symptom occurred:

HDvM, HTSM, HRpM, HCSM, HAD, HGLM

- (2) The new installation of HTnM on a machine on which HCS products in (1) are installed, or the upgrade or overwrite installation of the HCS products in (1) to any of the following versions affected is performed.

Software	Version
HDvM	8.1.1-00 to earlier than 8.1.3-00

Known problems

HTSM	8.1.1-00 to earlier than 8.1.3-00
HRpM	8.1.1-00 to earlier than 8.1.3-00
HCSM	8.1.1-00 to earlier than 8.1.3-00
HAD	8.1.1-00 to earlier than 8.1.3-00
HGLM	8.1.1-00 to earlier than 8.1.3-00

Note1: Reason why this symptom occurs more frequently during an installation of HGLM:

When you install HCS products by using the all-in-one installer and the default settings, the HCS products underlined in above are installed. After using the all-in-one installer, the next product to be upgraded is HGLM; therefore, it is more possible that this symptom occurs during an installation of HGLM.

[Case ID]

HDS01718628, HDS01773749

(2) Processing to install HGLM on a domain controller or to remove HGLM from a domain controller fails.

[Conditions]

1. One of the following operations is performed:
 - New installation
 - Upgrade installation
2. After HGLM is installed, the server is set to a domain controller. Then, one of the following operations is performed:
 - Reinstallation
 - Removal

[Case ID]

n/a

Known problems

None.

Installation precautions

Refer to the following manual:

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 2.1 Types of Global Link Manager Installations - Preparing to Install Global Link Manager

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 2.1 Types of Global Link Manager Installations - Installing Global Link Manager for the First Time

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 2.1 Types of Global Link Manager Installations - Reinstalling Global Link Manager

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 4.2 Types of Global Link Manager Cluster Installations - Installing a Global Link Manager Cluster with other Hitachi Storage Command Suite Clusters Installed

Usage precautions

Refer to the following manual:

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 1.4 Operating in an IPv6 Environment

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.1 Notes When Executing Commands

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.2 Starting and Stopping Global Link Manager - Stopping Global Link Manager

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.3 Changing the Time of the Machine on which Global Link Manager Is Installed

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.4 Maintaining the Global Link Manager Database - Restoring the Global Link Manager Database

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.4 Maintaining the Global Link Manager Database - Migrating the Global Link Manager Database

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.4 Maintaining the Global Link Manager Database - Changing the Storage Location of the Global Link Manager Database(non-cluster)

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.4 Maintaining the Global Link Manager Database - Changing the Storage Location of the Global Link Manager Database(for a cluster environment)

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.5 Changing Global Link Manager Environment Settings

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.5 Changing Global Link Manager Environment Settings - Changing Global Link Manager Server Settings

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.10 Security Settings for User Accounts

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.11 Setting a Warning Banner - Editing Message

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.11 Setting a Warning Banner - Registering Message

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.12 Generating Audit Logs - Editing the Environment Settings File for Audit Logs

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.15 Setup for Linking with an External Authentication Server - Linking to the LDAP Directory Server

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 3.15 Setup for Linking with an External Authentication Server - Linking to the RADIUS Server

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 5.2 Security Settings for Communication between a Server and an LDAP Directory Server

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 5.2 Security Settings for Communication between a Server and an LDAP Directory Server - Obtaining a Certificate for the LDAP Directory Server

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 5.2 Security Settings for Communication between a Server and an LDAP Directory Server - Importing the Certificate to the Truststore File

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Section 6.1 Overview of Hitachi Storage Command Suite Single Sign-On and User Integration Management

Hitachi Command Suite Global Link Manager Installation and Configuration Guide Appendix A. Notes on Using HDLM Version 5.8 or Later

Documentation

Available documents

Document name	Document number	Issue date
Hitachi Command Suite Global Link Manager Installation and Configuration Guide	MK-95HC107-19	April, 2015
Hitachi Command Suite Global Link Manager Messages	MK-95HC108-18	April, 2015
Hitachi Command Suite Global Link Manager User Guide	MK-92HC214-01	April, 2015
Hitachi Command Suite System Requirements	MK-92HC209-16	April, 2015

Note: The Hitachi Command Suite Global Link Manager User Guide replaces the Help files that were delivered as part of the Hitachi Command Suite Global Link Manager Help (MK-08HCH156-810). You can continue to access the help content from within the product GUI.

Documentation errata

None.

Appendix

Storage Systems that can be managed by Global Link Manager when DMP or HP-UX multipathing is used as multipath management software

An external storage device connected to hosts. The storage systems whose paths are managed by the multipath management software are subject to

Global Link Manager management. When DMP or HP-UX multipathing is used as multipath management software, the storage systems that can be managed by Global Link Manager are as follows.

#	Applicable OS	MultiPath Management Software	Storage System Name
1	Windows Server 2003 R2(x86/x64) SP2, Windows Server 2008(IPF) noSP, Windows Server 2008 (x86/x64) noSP	DMP 5.1 (no AP), DMP 5.1 (AP1), DMP 5.1 (SP1)	AMS/WMS series, USP/NSC series, USPV/USPVM, HP XP10000/12000, HP XP20000/24000
2	HP-UX 11i v3 (IPF) (*) HP-UX running on a virtual machine is not supported.	HP-UX multipathing	Hitachi Universal Storage Platform, Hitachi Universal Storage Platform V,

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#	Applicable OS	MultiPath Management Software	Storage System Name
			Hitachi Universal Storage Platform VM, Hitachi Virtual Storage Platform, Hitachi Virtual Storage Platform G1000, Hitachi Network Storage Controller NSC55, Hitachi Adaptable Modular Storage AMS200, Hitachi Adaptable Modular Storage AMS500, Hitachi Adaptable Modular Storage AMS1000, Hitachi Adaptable Modular Storage AMS2100, Hitachi Adaptable Modular Storage AMS2300, Hitachi Adaptable Modular Storage AMS2500, Hitachi Workgroup Modular Storage WMS100, SMS, HP StorageWorks XP10000 Disk Array, HP StorageWorks XP12000 Disk Array, HP StorageWorks XP20000 Disk Array, HP StorageWorks XP24000 Disk Array, HP StorageWorks P9500

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#	Applicable OS	MultiPath Management Software	Storage System Name
			Disk Array, HP XP7 Storage, SVS, Hitachi Unified Storage 110, Hitachi Unified Storage 130, Hitachi Unified Storage 150, Hitachi Unified Storage VM Hitachi Virtual Storage Platform G200 Hitachi Virtual Storage Platform G400 Hitachi Virtual Storage Platform G600

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Hitachi Global Link Manager includes the RSA BSAFE software of EMC Corporation.

This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>).

This product includes software developed by Ben Laurie for use in the Apache-SSL HTTP server project.

This product includes software developed by Ralf S. Engelschall <rse@engelschall.com> for use in the mod_ssl project (<http://www.modssl.org/>).

This product includes software developed by Greg Stein <gstein@lyra.org> for use in the mod_dav module for Apache (http://www.webdav.org/mod_dav/).

This product includes software developed by the JDOM Project (<http://www.jdom.org/>).

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This product includes software developed by Daisuke Okajima and Kohsuke Kawaguchi (<http://relaxngcc.sf.net/>).

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