

Hitachi File Services Manager 5.2.1-00 Release Notes

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About This Document

These release notes provide late-breaking information about the Hitachi File Services Manager. They include 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 Hitachi Data Systems customers and authorized service partners who license and use Hitachi File Services Manager.

Getting Help

If you purchased this product from an authorized reseller, contact that reseller for support. For the name of your nearest authorized reseller, refer to the Hitachi Data Systems Support Web site for locations and contact information. To contact the Hitachi Data Systems Support Center, please visit the HDS Web site for current telephone numbers and other contact information:
<http://www.hds.com/services/support/>.

About This Release

These release notes cover version 5.2.1-00 of the Hitachi File Services Manager.

Product Package Contents

Table 1. Product Package Contents

Medium	Product Name	Revision
DVD-R	Hitachi File Services Manager	5.2.1-00

New Features and Enhancements

None.

Restrictions

- When the following operations are performed on the [Create and Share File System] dialog box, an internal error may occur.
 - (1) Selecting On (Read-Only) for Content sharing
 - (2) Selecting None for Namespace type
 - (3) Clicking [OK].
- When Advanced ACL type is enabled on the [Create and Share File System] dialog box, validity of characters for user and group of Export point owner is not checked.

Software Requirements

None.

Operating System Requirements

Table 2. Supported platforms for Hitachi File Services Manager management server

Operating Systems
Windows 7, no service pack or Service Pack 1 Windows 7 Professional Windows 7 Ultimate Windows 7 Enterprise
Windows 7 x64 Editions, no service pack or Service Pack 1 Windows 7 Professional Windows 7 Ultimate Windows 7 Enterprise
Windows 8 Windows 8 Enterprise Windows 8 Pro

Operating Systems
Windows 8 x64 Editions Windows 8 Enterprise Windows 8 Pro
Windows Vista, Service Pack 1 or Service Pack 2 Windows Vista Ultimate Windows Vista Business Windows Vista Enterprise
Windows Vista x64 Editions, Service Pack 1 or Service Pack 2 Windows Vista Ultimate Windows Vista Business Windows Vista Enterprise
Windows Server 2003, Service Pack 1 or Service Pack 2 Windows Server 2003, Standard Edition Windows Server 2003, Enterprise Edition Windows Server 2003, Datacenter Edition
Windows Server 2003 x64 Editions, Service Pack 1 or Service Pack 2 Windows Server 2003, Standard x64 Edition Windows Server 2003, Enterprise x64 Edition Windows Server 2003, Datacenter x64 Edition
Windows Server 2003 R2, no service pack or Service Pack 2 Windows Server 2003 R2, Standard Edition Windows Server 2003 R2, Enterprise Edition Windows Server 2003 R2, Datacenter Edition
Windows Server 2003 R2, x64 Editions, no service pack or Service Pack 2 Windows Server 2003 R2, Standard x64 Edition Windows Server 2003 R2, Enterprise x64 Edition Windows Server 2003 R2, Datacenter x64 Edition
Windows Server 2008 x64 Editions, Service Pack 1 or Service Pack 2 Windows Server 2008, Standard x64 Edition Windows Server 2008, Enterprise x64 Edition Windows Server 2008, Datacenter x64 Edition
Windows Server 2008, Service Pack 1 or Service Pack 2 Windows Server 2008, Standard Edition Windows Server 2008, Enterprise Edition Windows Server 2008, Datacenter Edition
Windows Server 2008 R2, no service pack or Service Pack 1 Windows Server 2008 R2, Standard Edition Windows Server 2008 R2, Enterprise Edition Windows Server 2008 R2, Datacenter Edition

Operating Systems
Windows Server 2012 Windows Server 2012 Datacenter Windows Server 2012 Standard
Windows Server 2012 R2 Windows Server 2012 R2 Datacenter Windows Server 2012 R2 Standard

Table 3. Supported platforms for Hitachi File Services Manager management console

Operating Systems
Windows 7, no service pack or Service Pack 1 Windows 7 Professional Windows 7 Ultimate Windows 7 Enterprise
Windows 7 x64 Editions, no service pack or Service Pack 1 Windows 7 Professional Windows 7 Ultimate Windows 7 Enterprise
Windows 8 Windows 8 Enterprise Windows 8 Pro
Windows 8 x64 Editions Windows 8 Enterprise Windows 8 Pro
Windows 8.1 Windows 8.1 Enterprise Windows 8.1 Pro
Windows 8.1 x64 Editions Windows 8.1 Enterprise Windows 8.1 Pro
Windows Vista, Service Pack 1 or Service Pack 2 Windows Vista Ultimate Windows Vista Business Windows Vista Enterprise
Windows Vista x64 Editions, Service Pack 1 or Service Pack 2 Windows Vista Ultimate Windows Vista Business Windows Vista Enterprise

<p>Windows Server 2003, Service Pack 1 or Service Pack 2</p> <p>Windows Server 2003, Standard Edition</p> <p>Windows Server 2003, Enterprise Edition</p> <p>Windows Server 2003, Datacenter Edition</p>
<p>Windows Server 2003 x64 Editions, Service Pack 1 or Service Pack 2</p> <p>Windows Server 2003, Standard x64 Edition</p> <p>Windows Server 2003, Enterprise x64 Edition</p> <p>Windows Server 2003, Datacenter x64 Edition</p>
<p>Windows Server 2003 R2, no service pack or Service Pack 2</p> <p>Windows Server 2003 R2, Standard Edition</p> <p>Windows Server 2003 R2, Enterprise Edition</p> <p>Windows Server 2003 R2, Datacenter Edition</p>
<p>Windows Server 2003 R2, x64 Editions, no service pack or Service Pack 2</p> <p>Windows Server 2003 R2, Standard x64 Edition</p> <p>Windows Server 2003 R2, Enterprise x64 Edition</p> <p>Windows Server 2003 R2, Datacenter x64 Edition</p>
<p>Windows Server 2008 x64 Editions, Service Pack 1 or Service Pack 2</p> <p>Windows Server 2008, Standard x64 Edition</p> <p>Windows Server 2008, Enterprise x64 Edition</p> <p>Windows Server 2008, Datacenter x64 Edition</p>
<p>Windows Server 2008, Service Pack 1 or Service Pack 2</p> <p>Windows Server 2008, Standard Edition</p> <p>Windows Server 2008, Enterprise Edition</p> <p>Windows Server 2008, Datacenter Edition</p>
<p>Windows Server 2008 R2, no service pack or Service Pack 1</p> <p>Windows Server 2008 R2, Standard Edition</p> <p>Windows Server 2008 R2, Enterprise Edition</p> <p>Windows Server 2008 R2, Datacenter Edition</p>
<p>Windows Server 2012</p> <p>Windows Server 2012, Datacenter</p> <p>Windows Server 2012, Standard</p>
<p>Windows Server 2012 R2</p> <p>Windows Server 2012 R2, Datacenter</p> <p>Windows Server 2012 R2, Standard</p>
<p>Red Hat Enterprise Linux 5.6</p> <p>Red Hat Enterprise Linux 5.6 Advanced Platform</p>
<p>Red Hat Enterprise Linux 6.4</p>

Required Web browser

Table 4. Supported Web browser for Hitachi File Services Manager management console

Web browser	Remark
Internet Explorer 7.0	32-bit version
Internet Explorer 8.0	32-bit version
Internet Explorer 9.0 ^{#1}	32-bit version
Internet Explorer 10.0 ^{#2}	32-bit, Desktop version
Internet Explorer 11.0 ^{#3#7}	32-bit, Desktop version
Mozilla Firefox 3.6.x ^{#4#5#6}	x86 version
Mozilla Firefox ESR 10.0.x ^{#4#5#6}	x86 version
Mozilla Firefox ESR 17.0.x ^{#2#4#6}	x86 version
Mozilla Firefox ESR 24.1.x ^{#3#4#6}	x86 version

^{#1}: The version of the target management node should be Hitachi Data Ingestor 03-00-01-00 or later.

^{#2}: The version of the target management node should be Hitachi Data Ingestor 4.1.0-00 or later.

^{#3}: The version of the target management node should be Hitachi Data Ingestor 4.2.0-00 or later.

^{#4}: x means that it does not depend on the version x.

^{#5}: The version of the target management node should be Hitachi Data Ingestor 3.2.1-00 or later.

^{#6}: Supported platforms for Hitachi File Services Manager management console is only Red Hat Enterprise Linux.

^{#7}: If an operation to open a different window or tab is performed, an unnecessary window may be opened concurrently. For the case, see the usage precaution.

Required Programs for Processing Node

Hitachi Data Ingestor is required on the network node controllers.

Memory and Disk Space Requirements

The following table lists memory and disk space requirements for Hitachi File Services Manager:

Table 5. Hitachi File Services Manager Requirements

Program Name	Memory	Disk Space
Hitachi File Services Manager	2 GB	4 GB

Precautions

1. Precaution of install the related programs in the same computer as Hitachi File Services Manager

When installing the following programs into the same computer as Hitachi File Services Manager, upgrading is required to the following version:

- (1) Hitachi Device Manager 7.5.0-02 or later.
- (2) Hitachi Compute Systems Manager 7.5.1-00 or later.
- (3) JP1/Automatic Operation 10-10 or later.

2. Precaution of 'Automatic LU creation' functionality

'Automatic LU creation' functionality is used to create an LU easily without considering the RAID group. Note the following points when you use this functionality:

- (1) Do not share the storage subsystem with another HDI or SAN.
- (2) 'Automatic LU creation' cannot choose RAID group and disk drive to create an LU. Therefore, the following may occur:
 - (a) A RAID group may unintentionally be created on the disk drive.
 - (b) An LU may unintentionally be created at the RAID group.
- (3) If you want to operate the system in a high performance or high load environment, use Storage Navigator Modular 2 to create RAID group and LU.

3. Precaution of update installation on that plugged into the Device Manager GUI environment

When the update installation is done to the environment that plugged into the Device Manager GUI, the plugged into the Device Manager GUI is released.

Therefore, please set the administrator authentication of Hitachi File Services Manager after installation has been done, if necessary.

4. Precaution of Migration Management

The management method of the HCP was changed to improve operation of the tenant management. When the migrating data to HCP has been used, either of the following setting is necessary.

- Register the tenant administrator account on HCP that the same name and same password as the data access account.
- Settings of the tenant administrator is required by using HCP Settings of Configuration Wizard.

5. Precaution of HCP Settings in Configuration Wizard

The namespace named system-backup-data is allocated automatically for Backups of the system construction information, and the information is backed up.

6. Precaution of update installation for Hitachi Data Ingestor earlier than 4.0.0-00

One tenant becomes available to use from several systems. When the migrating data to HCP had been used before update, please confirm to the HCP administrator that the namespace named system-backup-data is already created.

7. Usage precaution for Internet Explorer 11.0 as Management console

An operation to open different window or tab by a click of anchor or button on the window may cause an unnecessary window (such as blank or in transition window) to be opened concurrently. In this case, close the unnecessary window. If this problem persists, create a new Windows user account and then operate the browser with the new user.

In addition, when the operating system of the management console is Windows Server 2012 R2 or Windows 8.1, white line under tab in dialogue, black line under the tab in the main console might be displayed, however those lines do not affect the operation of the management console.

Known Problems

Not Applicable for this release.

Fixed Problems

(1) Following defect has been fixed by Hitachi File Services Manager 5.2.1-00

Affected version: 5.2.0-00

The phenomenon: When adding share directory from the Add Share dialog box, the information of Export point owner did not appear on the confirmation window so that the setting could not be confirmed.

The condition: It occurs when adding share directory from the Add Share dialog box for a file system where "None" is set for Namespace type.

The evasion plan: None.

The recovery plan: None.

(2) Following defect has been fixed by Hitachi File Services Manager 5.2.1-00

Affected version: 5.1.0-00

The phenomenon: When update installation of software that works on the node is performed by System Software Installation Wizard, the communication to the node turns to time-out and the wizard is interrupted.

The condition: It occurs when there are many resources of resource group and failover or failback processing of resource group takes more than 30 minutes during System Software Installation Wizard.

The evasion plan: None.

The recovery plan: Perform refresh processing and verify that the processing that has been timed out is complete.

To continue the node update installation, retry the System Software Installation Wizard. If time-out occurs during failover of resource group, perform failback for the resource group from the Cluster Management dialog box after the System Software Installation Wizard is complete.

Documents

In addition to the help system, Hitachi File Services Manager ships with the following:

- *Hitachi Data Ingestor Installation and Configuration Guide*
- *Hitachi Data Ingestor Cluster Administrator's Guide*
- *Hitachi Data Ingestor CLI Administrator's Guide*
- *Hitachi Data Ingestor Error Codes*
- *Hitachi Data Ingestor Cluster Troubleshooting Guide*
- *Hitachi Data Ingestor Cluster Getting Started Guide*