

# Hitachi Tiered Storage Manager for Mainframe

## 8.1.2-00 Release Notes

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### About this document

This document (RN-92HC208-03, February, 2015) provides late-breaking information about Hitachi Tiered Storage Manager for Mainframe 8.1.2-00. 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 Tiered Storage Manager for Mainframe.

## Getting help

The Hitachi Data Systems customer support staff is available 24 hours a day, seven days a week. To reach us, please visit the support website at <https://portal.hds.com> 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
Software	Hitachi Tiered Storage Manager for Mainframe	8.1.2-00
Documents	Hitachi Command Suite Tiered Storage Manager for Mainframe User Guide	MK-92HC207-03
	Hitachi Command Suite Tiered Storage Manager for Mainframe Messages	MK-92HC210-03

## New features and important enhancements

#	Item	New Features and Enhancements
1	Function enhancement	The wildcard is available to specify an SMS storage group and a volume serial number in a tiering policy information CSV file.
2		A range specification is available to specify the device numbers in a tiering policy information CSV file.

## System requirements

### Operating system requirements

Refer to "Prerequisites for HTSM for Mainframe" in the Hitachi Tiered Storage Manager for Mainframe User Guide.

#	Operating System
1	z/OS V1R10 - V2R1

### Firmware levels

#	Storage system	Required microcode version	Storage System Support Function
1	Hitachi Virtual Storage Platform G1000	80-02-01 or later	0x41 or later

2	Hitachi Virtual Storage Platform	70-06-01-00/00 or later	0x34 or later
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### Prerequisite programs

Refer to "Prerequisites for HTSM for Mainframe" in the Hitachi Tiered Storage Manager for Mainframe User Guide.

#	Program name	Notes
1	DFSMS™	Standard OS component
2	ISPF	Standard OS component
3	TSO/E	Standard OS component
4	TSO/E REXX	Standard OS component
5	Security Server	To use the resource access control facility (RACF™)
6	IBM™ Library for REXX on zSeries™ Release 4 (FMID HWJ9140) or IBM Library for REXX on zSeries Alternate Library (FMID HWJ9143)	The REXX Alternate Library is included in standard OS component.

### Memory and disk space requirements

Refer to "Preparations before using HTSM for Mainframe" in the Hitachi Command Suite Tiered Storage Manager for Mainframe User Guide.

- Virtual memory requirements

The followings indicate the necessary user regions to run HTSM for Mainframe.

- For the user region of 16 MB or less  
1,024 KB
- For the extended user region of 16 MB or more  
4,000 KB + (4 × number of volumes) KB

- Disk space requirements

Files to be installed	Required space (track)	Number of Directories
HDSKSAMT	15 tracks	5
HDSKLNKT	45 tracks	20
HDSKLPAT	1 track	1
HDSKPRCT	1 track	10
HDSKEXET	5 tracks	10
HDSKEXVT	5 tracks	10
HDSKPNTL	15 tracks	200

HDSKMSGT	1 track	5
HDSKTABT	1 track	5

System requirements have been integrated into the document "Hitachi Command Suite System Requirements" (MK-92HC209). In this document, system requirements are presented in the form of requirements for each type of server, rather than the requirements for individual Hitachi Command Suite products.

## Resolved problems

None.

## Known problems

#	Problems
1	<p>Specify SMS storage group name without single quotation marks.</p> <p>The KTLOAD or the KTGETHDA command fails if the target disk configuration definition file has SMS storage group name enclosed in single quotation marks. The file can be created by the following three methods:</p> <ul style="list-style-type: none"> <li>- Execute the KTIMPORT command with the SCAN parameter specifying SMS storage group name enclosed in single quotation marks in a tiering policy CSV file.</li> <li>- Execute the KTSCAN command with the STORGRP parameter specifying SMS storage group name enclosed in single quotation marks, and execute the KTSTORE command.</li> <li>- Execute the KTDEMO00 sample script specifying SMS storage group name enclosed in single quotation marks in a dataset allocated to DD name for KTSCAN</li> </ul>

2	<p>The value of the total used capacity shown in HTSM for MF excludes the reserved capacity for a DP pool with Full Allocation enabled volumes. For this reason, note when checking the following values:</p> <p>REXX variables</p> <ul style="list-style-type: none"> <li>- &lt;stem1&gt;.LOCAL.SNnnnnn.CUxx.CCAxx.Used</li> </ul> <p>ISPF panels</p> <ul style="list-style-type: none"> <li>- Total field on the Tiering Policy Group Summary panel.</li> <li>- Total field on the Tiering Policy Group Volume List panel</li> <li>- %Used field, Total Used field, or Total %Used field on the Tiering Policy Group Pool List panel.</li> <li>- Total field on the Tiering Policy Group Storage Group List panel.</li> <li>- Total field on the Volume Status Detail panel.</li> <li>- Total Used field or Total %Used field in the Current Relocation Information area on the Pool Status Detail panel.</li> <li>- Total field on the Tiering Policy Group Volume Status Detail panel.</li> <li>- Total Used field or Total %Used field in the Current Relocation Information area on the Tiering Policy Group Pool Status Detail panel.</li> </ul> <p>The following value is also evaluated without including Reserved Capacity in overall Capacity for a DP pool with Full Allocation enabled volumes.</p> <ul style="list-style-type: none"> <li>- Pools exceeding threshold field on the Tiering Policy Group Summary panel.</li> </ul> <p>You can check the used capacity and the reserved capacity on the Storage Navigator as follows.</p> <ul style="list-style-type: none"> <li>- DP pool unit: Used and Reserved field on the Pools tab in the Pools window.</li> <li>- DP volume unit: Used and Reserved field on the Virtual Volumes tab of the target pool.</li> </ul> <p>You can check if the Full Allocation is enabled as follows.</p> <ul style="list-style-type: none"> <li>- Full Allocation field on the Virtual Volumes tab of the target pool.</li> </ul>
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## Installation precautions

Refer to "Installation and Setup" in the Hitachi Command Suite Tiered Storage Manager for Mainframe User Guide for full details on the installation of HTSM for Mainframe.

- Before the installation, ensure the required dataset capacity, the number of the directories in the distribution libraries and the target libraries.
- If HTSM for Mainframe and BC Manager exist in the same system, the User SVC in the newer version of either should be registered.

## Version description

The main panel displays a version number of this product as follows:

- Version 8.1.2-00

A version displayed in the KTA400I message on the KTDSPENV command is as follows:

- Version 8.1.2-00

A version displayed on the KTENV command is as follows:

- Version 8.1.2-00(01)

A version displayed in the ISPF Setting Information panel and in the YKK001I on the KTINSCHK command is as follows:

- Version 8.1.2-00 (01)

In the "Hitachi Command Suite Tiered Storage Manager for Mainframe User Guide", replace CHKTnnn and Vnnnnnn as follows:

#	In the manual	Replace with
1	CHKTnnn	CHKT808
2	Vnnnnnn	V081200

## User SVC version that corresponds to this product version

The User SVC version that corresponds to this product version is as follows:

- Version 7.5.0-00(00) or later

## Usage precautions

HTSM for MF and BCM share the same SVC:

- You must compare the version of the currently enabled user SVC registered by Business Continuity Manager and the version of the prerequisite user SVC for Tiered Storage Manager for Mainframe, and then you must use the user SVC of the later version.
  - The prerequisite SVC is 7.5.0 or later.

- To confirm the version of the currently enabled user SVC, use the YKINSCHK command of Business Continuity Manager.
- If the confirmed user SVC version is old and does not satisfy conditions for the prerequisite user SVC version:
  - Use Business Continuity Manager to delete the user SVC, and then use Tiered Storage Manager for Mainframe to register it again.
- If the confirmed user SVC version satisfies conditions for the prerequisite user SVC version:
  - You can use the currently enabled user SVC.

## Documentation

### Available documents

Document name	Document number	Issue date
Hitachi Command Suite Tiered Storage Manager for Mainframe User Guide	MK-92HC207-03	February, 2015
Hitachi Command Suite Tiered Storage Manager for Mainframe Messages	MK-92HC210-03	February, 2015

### Documentation errata

None.

## Abbreviations

Abbreviation	Full Name
HTSM for Mainframe	Hitachi Tiered Storage Manager for Mainframe
BC Manager	Hitachi Business Continuity Manager
VSP G1000	Hitachi Virtual Storage Platform G1000
VSP	Hitachi Virtual Storage Platform

## Conventions: KB and MB

This document uses the following conventions unless otherwise specified:

1 KB (kilobyte) is 1,024 bytes.

1 MB (megabyte) is 1,024<sup>2</sup> bytes.

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