

# Hitachi Device Manager Mainframe Agent

## 8.1.1-00 Release Notes

### Contents

About this document.....	1
Intended audience.....	1
Getting help .....	1
About this release .....	2
Product package contents.....	2
New features and important enhancements .....	2
System requirements.....	2
Resolved problems .....	4
Known problems .....	4
Installation precautions.....	5
Usage precautions.....	5
Documentation .....	5
Copyrights and licenses .....	6

### About this document

This document (RN-00HS266M-18, January 2015) provides late-breaking information about Hitachi Device Manager Mainframe Agent 8.1.1-00. 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 Device Manager Mainframe Agent.

### 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 Device Manager Mainframe Agent	8.1.1-00
Documents	Hitachi Command Suite Software Mainframe Agent Installation and Configuration Guide	MK-96HC130-08

## New features and important enhancements

#	New Features and Enhancements
1	Check the Serial Number Duplication at the volume discovery.

## System requirements

### Operating system requirements

#	Operating System
1	z/OS™ V1R10 to V2R1

### License keys

There is no note for the license key.

### Firmware levels

#### 1. Lightning 9900V

#	Program name	Firmware version/level	Classification	Note
1	Microcode	Minimum: 21-14-28 or later	Required	

#### 2. USP and NSC

#	Program name	Firmware version/level	Classification	Note
1	Microcode	Minimum: 50-09-11 or later	Required	

#### 3. USP V and USP VM

#	Program name	Firmware version/level	Classification	Note
1	Microcode	Minimum: 60-01-23-00/00 or later	Required	

#### 4. VSP

#	Program name	Firmware version/level	Classification	Note
1	Microcode	Minimum: 70-00-35-00/00 or later	Required	

#### 5. VSP G1000

#	Program name	Firmware version/level	Classification	Note
1	Microcode	Minimum: 80-01-01-00/00 or later	Required	

### Prerequisite programs

The Mainframe Agent requires the following programs.

Program name	Notes
Hitachi Device Manager Software 8.1.0 or later	Required for Device Manager connections.
Hitachi Replication Manager Software 8.1.0 or later	Required for Replication Manager connections.
IBM™ Communications Server (standard OS component)	--
IBM HTTP Server for z/OS 6.1	Required for IPv6 connections.
REXX (standard OS component)	--
TSO (standard OS component)	--
Security Server (RACF™)	--
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

#### – Virtual memory requirements

The following shows the user region needed to execute Mainframe Agent:

- For a user region of less than 16 MB: 2,048 KB

- For an extended user region of 16 MB or more:  
[When linking with Device Manager]

$$3,072 \text{ KB} + D \text{ KB} + (64 * \textit{number-of-specified-DEVN-parameters}) / 1,024 \text{ KB}$$

[When linking with Replication Manager]

$$6,000 \text{ KB} + A \text{ KB}$$

$$+ (512 * \textit{number-of-specified-OREFIX-parameters}) / 1,024 \text{ KB}$$

$$+ (64 * \textit{number-of-specified-DEVN-parameters}) / 1,024 \text{ KB}$$

- Where  $A$  is the larger value of  $(1.5 * D)$  and  $(3 * P)$ .
- Where  $D$  is the largest number of devices specified for the DEVN initialization parameters.
- Where  $P$  is the largest number of copy pairs in a copy group used by Mainframe Agent.

[When linking with Device Manager and Replication Manager at the same time]

Allocate the memory as estimated in [When linking with Replication Manager] above.

– Disk space requirements (When the device type is IBM-3390)

Library type	DSORG	RECFM	LRECL (bytes)	BLKSIZE (bytes)	Number of directories	Required capacity (tracks)
SAMPLIB (sample library)	PO	FB	80	3120	5	15
LINKLIB (load library)	PO	U	--	6144	30	75
LPALIB (load library)	PO	U	--	6144	1	1
PROCLIB (procedure library)	PO	FB	80	3120	10	5
EXECLIB (REXX Exec library)	PO	FB	80	3120	10	45

## Resolved problems

None

## Known problems

None

## Installation precautions

#	Installation Precautions
1	It is necessary to set permissions for the "STARTED" class of the job that starts the Mainframe Agent IBM Security Server (RACF). For information on setting permissions, see Chapter 3.2 in the manual "Hitachi Device Manager Mainframe Agent User's Guide".
2	When installing the Mainframe Agent, set APF-authorization for the load module library (by default, MFAGENT.V0810.LINKLIB (load library)).
3	To use the YKALCSVC command, add the load library (by default, MFAGENT.V0810.LINKLIB) to the YKALCSVC cataloged procedure as STEPLIB dd name.

Please review the following manual references for installation:

Refer to Chapter 2.2 in the manual "Hitachi Command Suite Software Mainframe Agent Installation and Configuration Guide".

## Usage precautions

#	Usage Precautions
1	Due to the security-checking policy enhancements in Mainframe Agent 6.0.0, the RACF profile must now be set up before running Mainframe Agent. For information on how to perform this setup, refer to the manual "Hitachi Command Suite Software Mainframe Agent Installation and Configuration Guide".

## Documentation

### Available documents

Document name	Document number	Issue date
Hitachi Command Suite Software Mainframe Agent Installation and Configuration Guide	MK-96HC130-08	January, 2015

## Documentation errata

None

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