



Hewlett Packard
Enterprise

HPE XP7 Smart Manager for Mainframe 8.5.0-00 Release Notes

Part Number: 858766-001
Published: October 2016
Edition: First Edition

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Update recommendation

Routine.

Supersede information

8.2.0–00

Product models

HPEXP7 Smart Manager for Mainframe

Devices supported

1. Required firmware version of HPE XP7 Storage

Table 1

No.	Program name	Firmware version/level	Classification	Note
1	Microcode	80-02-01 or later	Required	

2. Required firmware version of HPE P9500

Table 2

No	Program name	Firmware Version/level	Classification	Note
1	Microcode	70-06-01-00/00 or later	Required	

Operating systems

For the complete list of supported OS versions, see the following manual:

- HPE XP7 Smart Manager for Mainframe User Guide

Table 3

Operating systems
V1R10

Enhancements

- Supports applying tiering policy on devices with undefined DEVN and enables Smart Manager for Mainframe's CLI execution via I/O destination devices.
- Supports scanning undefined devices

Fixes

None

Important considerations

Use the Remote Web Console to confirm the total used capacity of a Fully-Allocated THP/Smart pool or volume.

The value of the total used capacity shown in HPE XP7 Smart Manager for Mainframe excludes the reserved capacity for a THP/Smart pool with Full Allocation enabled volumes. For this reason, note when checking the following values:

- REXX variables
 - <stem1>.LOCAL.SNnnnnn.CUxx.CCAxx.Used
- ISPF panels
 - Total field on the Tiering Policy Group Summary panel.
 - Total field on the Tiering Policy Group Volume List panel.
 - %Used field or Total field on the Tiering Policy Group Pool List panel.
 - Total field on the Tiering Policy Group Storage Group List panel.
 - Total field on the Volume Status Detail panel.
 - Total field in the Current Relocation Information area on the Pool Status Detail panel.
 - Total field on the Tiering Policy Group Volume Status Detail panel.
 - Total field in the Current Relocation Information area on the Tiering Policy Group Pool Status Detail panel.

The following value is also evaluated without including Reserved Capacity in overall Capacity for a THP/Smart pool with Full Allocation enabled volumes.

- Pools exceeding threshold field on the Tiering Policy Group Summary panel.
- You can check the used capacity and the reserved capacity on the Remote Web Console as follows.
- THP/Smart pool unit:
 - Used and Reserved field on the Pools tab in the Pools window.
 - THP/Smart volume unit:
 - Used and Reserved field on the Virtual Volumes tab of the target pool.
- You can check if the Full Allocation is enabled as follows.
- Full Allocation field on the Virtual Volumes tab of the target pool.

Prerequisites

Prerequisite programs

The following software programs must be installed to use HP XP7 Smart Manager for Mainframe.

Table 4

Program name	Notes
DFSMS	Standard OS component
ISPF	Standard OS component
TSO/E	Standard OS component
TSO/E REXX	Standard OS component

Table 4 (continued)

Program name	Notes
Security Server	To use the resource access control facility (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.

Virtual memory space requirements

The following indicates the user region necessary to run HP XP7 Smart Manager for Mainframe.

- For a user region of 16 MB or less: 1,024 KB
- For an extended user region of 16 MB or more 4,000 KB + (4 x number of volumes) KB

Check whether there is adequate disk space for these required files.

Table 5

Files to be installed	Required space (track)	Number of Directories
HPEKSAMT	15 tracks	5
HPEKLNKT	30 tracks	20
HPEKLNKT	1 track	1
HPEKPRCT	1 track	10
HPEKEXET	10tracks	10
HPEKEXVT	10tracks	10
HPEKPNLT	15 tracks	200
HPEKMSGT	1 track	5
HPEKTABT	1 track	5

Installation instructions

- Before the installation, ensure there is the adequate space for the distribution libraries and the target libraries, and check the number of the directories for these.
- If HPE XP7 Mainframe Performance Collector and/or HPE XP7 Business Continuity Manager already exist in the same system, the newest version of the User SVC should be registered.

Compatibility/Interoperability

- The main panel displays the version number of this product as follows:
Version 8.5.0-00
- A version displayed in the KTA400I message on the KTDSPENV command is as follows:
Version 8.5.0-00
- A version displayed in the ISPF Setting Information panel and in the YKK001I on the KTINCHK command is as follows:
Version 8.5.0-00 (02)
- A version displayed in the RSY001I to output when this product starts is as follows:
Version 8.5.0-00
- Replace CHRLnnn and Vnnnnnn as follows:

Table 6

In the manual	Replace with
CHRLnnn	CHKL813
Vnnnnnn	V085000

Documentation errata

Table 7 Documentation Errata

No	Guide Name	Location to be updated		
1	Hitachi Storage Management Software for Mainframe Messages	KTD088E	Before	File Open error: <dsstate>
			After	File Open error[: <dsstate>].
2		KTD092E	Before	File Read error: <dsstate>.
			After	File Read error[: <dsstate>].
3		KTX221T	Before	An I/O destination device is not specified in the definition file for I/O destination device.
			After	An I/O destination device is not specified in the I/O destination device definition file.

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