

Hardware Management Console Readme

For use with Version 8 Release 8.3.0

Contents

The information in this Readme contains the fix list and other package information about the Hardware Management Console.

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PTF MH01551

This package includes fixes for HMC Version 8 Release 8.3.0. You can reference this package by APAR MB03939 and PTF MH01551. This image must be installed on top of HMC Version 8 Release 8.3.0 and Mandatory PTF MH01514 (APAR MB03902).

NOTE: This PTF supersedes MH01530 and MH01539.

<i>Package information</i>				
Package name	Size	Checksum (sha1sum)	APAR#	PTF#
MH01551.iso	1336848384	e69bde7d78bc6a89b669376a6b68f4ed44e6eb5e	MB03939	MH01551
Splash Panel information (or lshmc -V output)				
<pre>"version= Version: 8 Release: 8.3.0 Service Pack: 0 HMC Build level 20150728.1 MH01514: Required fix for HMC V8R8.3.0 (05-21-2015) MH01551: Fix for HMC V8R8.3.0 (08-10-2015) ","base_version=V8R8.3.0 "</pre>				

List of fixes

Known Issues

- Beginning June 30, 2015, a new server is required for customers using Electronic Service Agent on the HMC to Call Home to IBM. Ensure any external firewall allows https connection to new server IP 129.42.50.224. For a list of all required IP addresses and ports see the whitepaper "*ESA for HMC Connectivity Security for IBM POWER6, POWER7 and POWER8 Processor-Based Systems and IBM Storage Systems DS8000*" available at: <http://www-01.ibm.com/support/esa/security.htm>

Security Fixes

- Fixed multiple Java vulnerabilities: CVE-2015-4733, CVE-2015-4732, CVE-2015-2590, CVE-2015-4731, CVE-2015-4748, CVE-2015-2664, CVE-2015-2621, CVE-2015-2601, CVE-2015-4749, CVE-2015-2625, and CVE-2015-1931
- Fixed Kerberos vulnerabilities: CVE-2014-5353 and CVE-2014-5355
- Fixed multiple openssl vulnerability: CVE-2014-8176, CVE-2015-1788, CVE-2015-1789, CVE-2015-1790, CVE-2015-1791, CVE-2015-1792, and CVE-2015-3216
- Fixed Strongswan vulnerabilities: CVE-2014-9221, CVE-2014-2891, CVE-2014-2338, and CVE-2013-5018
- Fixed NTP vulnerabilities: CVE-2014-9297 and CVE-2014-9298

Previously released fixes also included in this PTF:

<p>MH01539 07/23/15</p>	<p>Known Issues</p> <ul style="list-style-type: none">• Special Install Instructions: Installing this PTF using the enhanced+ interface may hang. Prior to installing this PTF using the web browser graphical interface perform the following:<ol style="list-style-type: none">1. If already logged in to the HMC using Enhanced+ GUI, log off the HMC.2. Log in again selecting the Log In option of "Classic".3. Install using the normal installation instructions. <p>Alternatively, install this PTF using CLI.</p> <ul style="list-style-type: none">• The install may fail on HMCs that have been multi-step upgraded from Version 7. Users can verify the HMC Certificate Signature Algorithm and update the certificate if needed prior to installing this PTF. For further information and instructions on preventing or resolving the issue see: http://www.ibm.com/support/docview.wss?uid=nas8N1020801• Beginning June 30, 2015, a new server is required for customers using Electronic Service Agent on the HMC to Call Home to IBM. Ensure any external firewall allows https connection to new server IP 129.42.50.224. For a list of all required IP addresses and ports see the whitepaper "<i>ESA for HMC Connectivity Security for IBM POWER6, POWER7 and POWER8 Processor-Based Systems and IBM Storage Systems DS8000</i>" available at: http://www-01.ibm.com/support/esa/security.htm <p>Security Fixes</p> <ul style="list-style-type: none">• Fixed multiple Java vulnerabilities: CVE-2015-0480, CVE-2015-0486, CVE-2015-0488, CVE-2015-0478, CVE-2015-0477, CVE-2015-1916• Fixed httpd and openssl "Logjam" vulnerability: CVE-2015-4000• Fixed glibc vulnerabilities: CVE-2013-7423, CVE-2015-1781• Fixed remote denial-of-service vulnerability: CVE-2013-5211• Fixed multiple Unzip Heap Buffer Overflows, "Zero Day", Vulnerabilities: CVE-2014-8139, CVE-2014-8140, CVE-2014-8141, CVE-2014-9636 <p>General fixes</p>
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	<ul style="list-style-type: none"> • Fixed a problem where the Electronic Service Agent Setup Wizard and Manage Outbound Connectivity panels may fail to launch and report an "internal error". • Fixed issue where RMC may fail if NTP was enabled previously and the Time/Timezone is changed to a later point of time. • Enhancements to HMC diagnostics and internal error detection. • Fixed an issue where utilization data collection for a CEC that was enabled earlier is disabled after an HMC update. • Fixed an issue where the server will go to an incomplete state if a user creates a new virtual network with a name that conflicts with auto-generated network names. • Fixed an issue where login with a user profile that does not have an all resource role was slow. • Fixed a problem that can cause the HMC to hang or return unpredictable results due to a system wide "too many open files" issue. • Fixed an issue with chsacfg -t snmp -o add -a failing with "An invalid parameter value was entered." • Updated the code signing certificate for the vterm applet.
MH01530 06/18/2015	<p>General fixes</p> <ul style="list-style-type: none"> • Fixed an issue where the create system plan task failed for the 8246-42A systems. • Fixed an issue where deleting LPARs and associated virtual disks will sometimes delete only the LPAR, not the virtual disk. • Fixed an issue where the utilization data collection is disabled after applying an HMC update. • Fixed an issue in the GUI to allow the enabling or disabling of service processor redundancy when both Primary and Secondary Service Processors are at standby and the Service Processor in Position A is the Primary. • Fixed an issue where PCM graphs do not render for servers with 1024 LPARs. • Fixed an issue where SRC E35A000D was reported frequently on the HMC. • Fixed an issue where the /var file system fills up due to large log files. • Fixed a concurrent threads exception when HMC is managed via PowerVC resulting in errors "Could not be attached/detached from virtual machine" and "Could not detach storage from virtual machine". • Fixed an issue where threads are blocked when HMC is managed via PowerVC. • Fixed an issue for the enhanced UI where multi-select of managed systems for firmware updates did not work and only left one node as the target.

Installation

Installation instructions for HMC Version 8 upgrades and corrective service can be found at these locations:

[Upgrading or restoring HMC Version 8](#)

[Installation methods for HMC Version 8 fixes](#)

Instructions and images for upgrading via a remote network install can be found here:

[HMC V8 network installation images and installation instructions](#)

Additional information

Notes:

1. The Install Corrective Service task now allows you to install corrective service updates from the ISO image files of these updates. You can download these ISO image files for the HMC, and then use the ISO image file to install the corrective service update. You no longer need to burn CD-R or DVD-R media to use the ISO image file to install corrective service.
2. This image requires DVD -R media.
3. To install updates over the network, select the *.iso file on the "Select Service Package" panel of the Install Corrective Service task. The HMC application extracts the files needed to install the corrective service. If you are using USB flash media, copy the *.iso file to the flash media, and then select the file when prompted.
4. The **updhmc** command line command has also been modified to use the *.iso file. To use the command, follow the syntax in this example:
`updhmc -t s -h <myservername> -f </home/updates/corrective_service.iso> -u <HMC_username> -i`

In all cases, the HMC application extracts the files needed to install the corrective service.