

# HP VMware ESXi 5.0 U2 Customized Image Release Notes for December 2012

## Abstract

This document provides the latest release information for HP VMware ESXi 5.0 U2 Customized Image.

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# 1 Navigation tips

## **Navigating to documentation on the HP website**

- From the URLs in this guide, you may need to make several selections to get to your specific server documentation.
- For online access to technical documentation, self-help resources, live chat assistance, community forums of IT experts, technical knowledge base, remote monitoring and diagnostic tools, go to <http://www.hp.com/support> (<http://www.hp.com/support>).
- For the latest versions of selected technical documentation, go to <http://www.hp.com/go/bizsupport> (<http://www.hp.com/go/bizsupport>).

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## 2 HP VMware ESXi 5.0 U2 Customized Image

The HP ESXi 5.0 U2 Customized Image includes the following:

- HP Management Tools:
  - HP CIM Providers
  - HP NMI Driver
  - HP iLO Driver
  - HP CRU Driver
  - HPONCONFIG Utility
  - HPBOOTCFG Utility
  - HPACUCLI Utility
- VMware IOVP Certified Device Drivers added to HP ESXi 5.0 U2 installation images for HP device enablement.
- HP Agentless Management Service (AMS) to support Agentless Management and Active Health.

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## 3 New and updated in this release

The new and updated features for the HP ESXi 5.0 U2 Customized Image for December 2012 include:

- VMware ESXi 5.0 U2 is supported on new Gen8 servers.
- Updated VMware IOVP Certified Device Drivers added to HP ESXi 5.0 U2 installation images for HP device enablement.
- Updated providers:
  - New Gen8 servers and new hardware.
  - Supports HP SmartMemory.
- Updated Agentless Management Service to:
  - Support new hardware.

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## 4 Important notes and recommendations

The drivers and firmware recipe information for enabling hp VirtualConnect support can be found at the following links: <http://h20195.www2.hp.com/v2/GetPDF.aspx/4AA3-3148ENW.pdf> and <http://h20000.www2.hp.com/bc/docs/support/SupportManual/c02610285/c02610285.pdf>. The drivers and firmware recipe information for HP ProLiant servers and options can be found at the following link: <http://vibsdepot.hp.com/hpq/recipes>.

### **AMS and Active Health Installation**

AMS and Active Health is shipped as part of the HP Custom Image, the HP ESXi Offline Bundle and the new Agentless Management Service Offline Bundle. The HP Custom Image and the HP ESXi Offline Bundle also include the HP Insight Management WBEM Providers. The AMS Offline Bundle only includes the providers required to support online firmware update and SmartArray, DIMM Status and iLO reporting in vCenter. Customers can manage their ProLiant servers using Agentless Management without installing the AMS Offline Bundle. Only customers who intend to manage their ProLiant servers using only Agentless Management and do not need the full set of HP Insight Management WBEM Providers installed should install the AMS Offline Bundle. See the *Deploying and updating vSphere 5.0 on ProLiant servers* white paper for more information.

If the customer has ESXi 5.0 U2 and is currently using HP Insight Management WBEM Providers for ESXi and requires Agentless Management and does not need the full set of providers installed, they need to perform the following step:

- Install the AMS Offline Bundle to replace the HP ESXi Offline Bundle

If the customer has ESXi 5.0 U2 and is currently using Agentless Management and does not have the full providers installed and wants to move to using HP Insight Management WBEM Providers for ESXi, they need to perform the following step:

- Install the HP ESXi Offline Bundle to replace the AMS Offline Bundle

### **System Memory required for installing ESXi 5.0 U2 Customized Image**

VMware ESXi will not install on an HP Gen8 server with 2 GB or less system memory. Although VMware's stated minimum installation requirement is 2 GB of system memory, HP's Gen8 platforms do not expose enough of the 2 GB of system memory to the operating system, causing the installation to fail. This issue is resolved by populating the system with more than 2 GB of memory.

### **sfcB-CIMXML-Pro coredump found during sfcB service shutdown**

An intermittent sfcB-CIMXML-Pro core dump is found during SFCB service stop and reboot. This issue is observed on HP customized ESXi 5.0 U2 image which includes the HP WBEM Providers. The core dump is found only if this option is enabled using the command `/sbin/vsish -e set /userworld/global/coreDumpEnabled 1` after the system reboot. But an error message (sfcB-CIMXML-Processor[6210]: Semop failed rc -1, error Invalid argument) will be seen in then `/var/log/syslog.log`. This does not impact the working of HP WBEM providers and can be ignored.

**Read cache disabled on Intel C204 Chipset platforms (B120i with PCI ID 8086 1C04 1590 006C).**

**SAS WWIDs for b120i controllers will be non-unique.**