



# HP OpenView OS Manager Using Radia

for the UNIX and Windows operating systems

## Release Notes

**Software version:** 2.1 /28 November 2005

This document provides an overview of the changes made to HP OpenView Operating System Manager for the 2.1 release. It contains important information not included in the manuals or in online help.

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## In This Version

The OS Manager 2.1 contains the following updates.

- Added support for Linux SUSE with AutoYAST in native install mode.
- Enhanced support for the following UNIX Operating Systems in native install mode:
  - HP-UX Gold Image with Ignite
  - DHCP with Solaris Jumpstart
- Added support for IBM Blade.
- Added support for Hardware Configuration Management such as firmware configuration and updates, RAID provisioning for Windows and Linux Imaging. See the HP OpenView Hardware Configuration Management Guide Using Radia.
- Radia Management Portal 2.1.1 has been improved to communicate more quickly with the OS Manager Server.
- The OS Administrator interface now supports
  - specific administrative operations for Hardware Configuration Management.
  - creation of devices with a predefined Computer Name and Domain.
- Sample Hardware Configuration Management Elements have been included on the CD. Refer to *HW Config Management Samples.doc* in `<cdrom>\documentation\samples\hardware_configuration_management` for details.

Below is additional technical information for this release.

- For Solaris native installation, if DHCP is selected as the network boot option during the installation of the OS Manager Server, the client network will be managed with DHCP.
- For Solaris native installation, if DHCP is used without the hostname being configured in the host database (`/etc/hosts`, NIS, DNS, etc.), then the hostname will be set to unknown.
- To start the multicast test sender module:
  - a Copy the multicast test send modules (`gdmsend.exe`, `gdmsend.cmd`, and `TESTDATA0004`) from the `extended_infrastructure\multicast_server\multicast_test_modules` directory on the infrastructure CD to a temporary directory.
  - b Rename `TESTDATA0004` to `GDMCTESTDATA`.
  - c Edit `gdmsend.cmd` and change `DP` on line 19 from `0.0` to `0.5`.
  - d Edit `gdmsend.cmd` and change `OFFSET` on line 49 from `60` to `0`.
  - e Run `gdmsend`.
- If you encounter an issue with Service OS or the OS fails to install, upgrade to the latest firmware before calling support.

## Documentation Updates

The first page of this release notes document contains the following identifying information:

- Version number, which indicates the software version.
- Publish date, which changes each time the document is updated.

To check for recent updates or to verify that you are using the most recent edition, visit the following URL:

**[http://ovweb.external.hp.com/lpe/doc\\_serv/](http://ovweb.external.hp.com/lpe/doc_serv/)**

- 1 In the Product list, click the product name.
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**<http://www.adobe.com>**

## Installation Notes

Installation requirements, as well as instructions for installing OS Manager, are documented in the *User's Guide for the HP OpenView OS Manager Using Radia* provided in Adobe Acrobat (.pdf) format available on the HP OpenView Support site.

## Maintenance Notes

- For resolution to work properly, you must use `radish.exe` in `<cdrom>\configuration_server_bin\SW320067.ZIP`. Copy `radish.exe` to Configuration Server bin directory.

## Enhancements and Fixes

The following item is fixed in the current software release.

- FIX:** A SAP instance which has a role with multiple values, such as "ZD" or ADZ", will be accepted for ROMS processing as long as it has the Z option.

## Known Problems, Limitations, and Workarounds

- The Radia OS Manager Agent will have image-download performance issue if you are using a Serial ATA hard drive with a Hard Drive Bios setting that is set to Combine Mode.
- The Linux NIC driver may default to 10 Mbs if auto-negotiation is not performed. This performance issue has been seen on 3COM and INTEL NIC cards. For some NIC cards it has been reported that without auto-negotiation enabled the Service OS networking will fail.
- For certain combinations of networking hardware, the NIC as well as the switch must be configured to auto-negotiation. Failure to do so may result in a networking failure for the Linux Service OS.
- The Radia Configuration Server should be started before the Radia Management Portal.

- It has been reported that image download performance is slow on the nc6220 laptop.
- Migrating a machine from Windows OS to Linux using the drive map merge option is not supported.
- APIC/PIC detection may be incorrect if machine firmware levels are not current.
- `Getmachinename.tcl` and migrating IP and hostname from the machine object is currently not supported for UNIX native installations.
- Linux swap partition creation is currently not supported for image-based deployment.
- Partition expansion option for Linux images is currently not supported.
- Deploying a Linux image to a machine with different hardware may result in prompting on how to handle the different hardware configuration.
- Use of `RMPHOST` parameter in `roms.cfg` is not supported.
- PIC-compatible APIC image installed on PIC machine may not boot after the image installation. It is recommended to create image on PIC machine to deploy to any PIC machines.
- For HP-UX native installation, UNIX Configuration File Publisher might not publish "sw\_sel" entries in configuration files properly. The SWLIST and SOFTWARE instances will need to be modified manually after configuration file is published.
- For HP-UX native installation, use of MODEL for policy may not work. To ensure policy based on MODEL to work properly, make sure value of `HARDWARE_MODEL` in `host.info` is used to create MODEL instance. The `host.info` can be found in `CLIENTPATH/<MAC address of machine>` once a machine has been booted and connected to OS Manager for resolution.
- It has been reported that Service CD might not boot on HP Proliant BL30.
- ROMA query transaction may fail during behavior resolution of the RCS policy causing the ROMA query to time out.
- OS images may fail to deploy on VmWare machines.
- OS images may fail to deploy on machines that contain Intel ICH6M chip for ATA support which has been reported for certain Dell D610 models machines.
- OS images may fail to deploy on machines that use LSI Logic/Symbios hardware.

## Support

Please visit the HP OpenView support web site at:

**<http://www.hp.com/managementsoftware/support>**

This web site provides contact information and details about the products, services, and support that HP OpenView offers.

HP OpenView online software support provides customer self-solve capabilities. It provides a fast and efficient way to access interactive technical support tools needed to manage your business. As a valuable support customer, you can benefit by being able to:

- Search for knowledge documents of interest
- Submit and track progress on support cases
- Submit enhancement requests online
- Download software patches
- Manage a support contract

- Look up HP support contacts
- Review information about available services
- Enter discussions with other software customers
- Research and register for software training

**NOTE:** Most of the support areas require that you register as an HP Passport user and sign in. Many also require an active support contract.

To find more information about support access levels, go to the following URL:

**[http://www.hp.com/managementsoftware/access\\_level](http://www.hp.com/managementsoftware/access_level)**

To register for an HP Passport ID, go to the following URL:

**<http://www.managementsoftware.hp.com/passport-registration.html>**

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