

Oracle® Enterprise Manager Ops Center

Release Notes

11g Release 1 Update 3 (11.1.3.0.0)

E18421-05

November 2011

Oracle Enterprise Manager Ops Center is Oracle's comprehensive system management solution for managing the physical and virtual operating systems, servers, and storage devices (or assets) in your data center. With Ops Center you can use the discovery and management features to add your data center assets to the list of managed assets in Oracle Enterprise Manager Ops Center. You can provision, update (patch), monitor and manage the physical and virtual managed assets in one or more of your data centers from a single console, regardless of where the asset is located.

This Release Notes document is one of the documents that are bundled with Oracle Enterprise Manager Ops Center 11.1.3.0.0. The document provides information about the release and procedures that help you either install or upgrade to Oracle Enterprise Manager Ops Center 11.1.3.0.0.

This document contains the following sections:

- Where To Find Installation And Upgrade Documentation
- New Features Included In This Release
- Acquiring The Software
- Before Beginning Your Installation
- Installing Oracle Enterprise Manager Ops Center 11.1.3.0.0
- Upgrading To Oracle Enterprise Manager Ops Center 11.1.3.0.0
- Known Upgrade Issues
- De-installing Oracle Enterprise Manager Ops Center
- Documentation Accessibility

1 Where To Find Installation And Upgrade Documentation

The following documents are related to installing or upgrading to Oracle Enterprise Manager Ops Center 11g Release 1 Update 3.

All of these documents can be downloaded from the Oracle Enterprise Manager Ops Center Documentation Library at the following URL:

http://download.oracle.com/docs/cd/E11857_01/nav/overview.htm

- Oracle Enterprise Manager Ops Center Release Notes, 11g Release 1 Update 3 (11.1.3.0.0) (this document)

This document provides links to other documentation for installing, upgrading or de-installing of the software. It also includes a list of known issues related to installation and upgrade, as well as post-installation configuration.

- Oracle Enterprise Manager Ops Center Readme, 11g Release 1 Update 3 (11.1.3.0.0)

This document provides instructions on installing and upgrading the software.

- Oracle Enterprise Manager Ops Center Installation and Configuration Guide for Solaris, 11g Release 1 Update 3 (11.1.3.0.0)

This document provides detailed instructions on performing a fresh installation of Oracle Enterprise Manager Ops Center on Oracle Solaris systems.

- Oracle Enterprise Manager Ops Center Installation and Configuration Guide for Linux, 11g Release 1 Update 3 (11.1.3.0.0)

This document provides detailed instructions on performing a fresh installation of Oracle Enterprise Manager Ops Center on Oracle Linux or Red Hat Enterprise Linux systems.

- Oracle Enterprise Manager Ops Center Administration Guide, 11g Release 1 Update 3 (11.1.3.0.0)

This document provides instructions on upgrading and updating Oracle Enterprise Manager Ops Center.

2 New Features Included In This Release

Oracle Enterprise Manager Ops Center 11.1.3.0.0 contains a significant number of new features and enhancements. These features are described below.

See the Key Capabilities and Features section of the Concepts Guide for a detailed overview of what's new in this release. This document can be downloaded from the Enterprise Manager Ops Center Documentation Library at the following URL:

http://download.oracle.com/docs/cd/E11857_01/nav/management.htm

2.1 Network Attributes now include MTU

The Create Network and Edit Network Attributes pages now include an option to change the MTU.

You can enter MTU values between 576 and 9216. When an MTU value greater than 1500 is assigned, the driver card of the Ethernet used by the network is automatically modified by Ops Center, if it has not already been modified. The MTU assignment is applicable only for the following Ethernet cards:

- nxge
- ixgbe
- hxge
- e1000g
- ce
- bge
- ipge

For other cards, the MTU modification is applicable only when the driver is updated to support the required MTU.

When a network is assigned to a global zone or Oracle VM Server, Enterprise Manager Ops Center sets the MTU associated with the network. However, for Oracle VM

servers, Enterprise Manager Ops Center does not handle the change of MTU on the existing Oracle VM Server switch. You must change the existing switch MTU to 9000 if you want to use a MTU greater than 1500. The change in Ethernet card driver takes place only when the global zone or Oracle VM Server is rebooted. If the MTU of a network assigned to a logical domain is changed, the modification takes place only when the logical domain is stopped and started.

An MTU less than 1500 cannot be applied to an Oracle VM Server for SPARC guest. If the MTU is less than 1500 the MTU of the guest is set to 1500.

Oracle Enterprise Manager Ops Center does not update the MTU of Oracle VM Server for SPARC switches created in version 2.5. If you upgrade from version 2.5 to version 11.1.0.0.0, you must update the MTU if you intend to use an MTU value greater than 1500.

The command to update the switch is `ldm set-vswitch mtu=9216`. You must reboot the system after making the change.

For IPMP groups, the MTU value has to be edited manually.

MTU settings are not preserved by OS Provisioning. You must re-enter MTU settings after performing OS Provisioning on a system.

3 Acquiring The Software

You can get the installation software from Oracle Technology Network (OTN) at:

<http://www.oracle.com/technetwork/oem/ops-center/index.html>

4 Before Beginning Your Installation

A site must be prepared for an Oracle Enterprise Manager Ops Center installation. See the Site Preparation Guide for a detailed overview of the pre-installation procedures.

This document can be downloaded from the Oracle Enterprise Manager Ops Center Documentation Library at the following URL:

http://download.oracle.com/docs/cd/E11857_01/nav/management.htm

5 Installing Oracle Enterprise Manager Ops Center 11.1.3.0.0

See the Installation and Configuration Guide for Oracle Solaris or Installation and Configuration Guide for Linux for installation and post-install configuration instructions.

These documents can be downloaded from the Oracle Enterprise Manager Ops Center Documentation Library at the following URL:

http://download.oracle.com/docs/cd/E11857_01/nav/management.htm

6 Upgrading To Oracle Enterprise Manager Ops Center 11.1.3.0.0

You can upgrade your existing Oracle Enterprise Manager Ops Center 2.5 installation to Oracle Enterprise Manager Ops Center 11.1.1.0.0.

Before beginning, Oracle recommends that you back up the Enterprise Controller that will be upgraded, as well as backing up all databases containing OS images or other Oracle Enterprise Manager Ops Center content.

Refer to the "Upgrading and Updating Ops Center" chapter in the Oracle Enterprise Manager Ops Center Administration Guide for more information about upgrading Oracle Enterprise Manager Ops Center.

This document can be downloaded from the Oracle Enterprise Manager Ops Center Documentation Library at the following URL:

http://download.oracle.com/docs/cd/E11857_01/nav/management.htm

7 Known Install and Upgrade Issues

This section covers issues related to installing and upgrading Oracle Enterprise Manager Ops Center.

7.1 Job Manager Properties are Overwritten by Upgrade

If you have modified any job manager properties in the jobmanager.properties file, they will be overwritten by the upgrade. The following error will appear in the log file:

```
18 updatePropFile /var/opt/sun/xvm/jobmanager.properties
/tmp/jobmanager.properties.orig: failed to edit orig-propfile
/var/opt/sun/xvm/jobmanager.properties, not changed
```

7.2 Upgrade Script May Not Preserve Tables

Some report data may not be preserved by the upgrade process. The upgrade may drop tables.

7.3 Discovery Jobs From Ops Center 2.5 Cannot Be Re-run

After the upgrade, discovery jobs originally launched in Ops Center 2.5 cannot be re-run due to changes in the discovery process. Create new discovery jobs to discover assets.

7.4 Roles for OS and Firmware Provisioning are Erased by the Upgrade

The Ops Center upgrade removes the old roles tied to the version 2.5 profiles. Role assignments made for these 2.5 profiles to non-admin users are abandoned and the Enterprise Controller Admin must re-grant the newly created roles for the new profiles to those non-admins who had them.

7.5 After Upgrade, OS ISO is Redownloaded by Proxy Controller and New /var/js/# is Created

After the upgrade, when a new OS Provisioning job is launched, a new version of the OS ISO is downloaded to the Proxy Controller, even though a version exists from before the upgrade. The old version is not deleted.

7.6 Enterprise Controller Installation on RHEL/OEL 5.6 gives "Error: Cannot determine Linux version"

Installing Ops Center Echelon RR gives the following errors but the installation can continue:

Error: Cannot determine Linux version.

Error: Check that /etc/redhat-release or /etc/SuSE-release is present and that this OS and version is supported.

The workaround is to continue past the error.

7.7 RHEL/OEL 5.6 Proxy Controller Deployment From UI Fails Due To Unsupported Linux Error

Deploying RHEL/OEL 5.6 PC from UI hangs, times out and fails due to the unsupported Linux version warning or error.

The workaround is to install and configure the RHEL/OEL 5.6 Proxy Controller from the command line.

8 De-installing Oracle Enterprise Manager Ops Center

You can uninstall the components of Oracle Enterprise Manager Ops Center. See the Uninstalling and Unconfiguring Ops Center Software section of the Administration Guide for uninstallation procedures.

This document can be downloaded from the Oracle Enterprise Manager Ops Center Documentation Library at the following URL:

http://download.oracle.com/docs/cd/E11857_01/nav/management.htm

9 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

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