

Oracle® Enterprise Manager Ops Center

Upgrade Oracle Solaris 11 on Enterprise Controller

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This guide provides an end-to-end example on how to upgrade the version of Oracle Solaris 11 that an Enterprise Controller runs on in the Oracle Enterprise Manager Ops Center.

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Introduction

This document explains how to upgrade the version of Oracle Solaris 11 that an Enterprise Controller runs on in the Oracle Enterprise Manager Ops Center.

To upgrade the version of Oracle Solaris 11, stop the Enterprise Controller, co-located Proxy Controller, and Agent Controller of the Oracle Enterprise Manager Ops Center and then manually upgrade the version of the operating system as described in [Upgrading Oracle Solaris 11 on an Enterprise Controller](#). After upgrading the operating system, restart the Oracle Enterprise Manager Ops Center.

What You Will Need

Lists the prerequisites required to upgrade the Oracle Solaris 11 operating system that an Enterprise Controller runs on.

You will need the following:

- An Enterprise Controller with the Oracle Solaris 11 operating system
- Desired Oracle Solaris 11 operating system version to which you want the Enterprise Controller to be upgraded to, should be present in the Enterprise Controller Solaris 11 library.

Upgrading Oracle Solaris 11 on an Enterprise Controller

To upgrade the version of Oracle Solaris 11 that an Enterprise Controller runs on, you need to stop the Enterprise Controller and then manually upgrade the Oracle Solaris 11 operating system.

To upgrade the Oracle Solaris 11 version:

1. Stop the Enterprise Controller, any co-located Proxy Controller, and the Agent Controller using the `ecadm`, `proxyadm`, and `agentadm` commands respectively. On Oracle Solaris systems, these commands are in the `/opt/SUNWxvmoc/bin/` directory.

- To stop an Enterprise Controller use the `ecadm` command with the `stop` subcommand and the `-w` option. For example:

```
# ./ecadm stop -w
ecadm: Shutting down Enterprise Controller using SMF...
ecadm: Enterprise Controller services have stopped
#
```

- To stop a Proxy Controller use the `proxyadm` command with the `stop` subcommand and the `-w` option. For example:

```
# ./proxyadm stop -w
proxyadm: Shutting down Proxy Controller using SMF...
proxyadm: Proxy Controller services have stopped
#
```

- To stop an Agent Controller use the `agentadm` command with the `stop` subcommand and the `-w` option. For example:

```
# ./agentadm stop -w
agentadm: Shutting down Agent Controller using SMF...
agentadm: Agent Controller services have stopped
#
```

2. Determine the Oracle Enterprise Manager Ops Center Oracle Solaris 11 repository path. For example:

```
% svcprop -c -p pkg/inst_root application/pkg/server:default
```

Note: This path may differ for different instances of Oracle Enterprise Manager Ops Center installation.

3. Reconfigure the Oracle Enterprise Manager Ops Center Solaris IPS publisher to use the Oracle Solaris 11 repository path directly. For example:

```
% pkg set-publisher -G '*' -g \
/var/opt/sun/xvm/locallib/swlib1/82899582-8e32-4703-aad0-5fdaf8b1b9df/data solaris
```

4. Disable the other Oracle Enterprise Manager Ops Center IPS publishers with the following commands:

```
% pkg set-publisher --disable cacao
% pkg set-publisher --disable mp-re
% pkg set-publisher --disable opscenter
```

5. Upgrade the Oracle Solaris 11 operating system by including the desired version to upgrade to. The version to which the Oracle Solaris 11 operating system is being upgraded to, must be available from the configured Oracle Solaris Publisher. For example:

```
% pkg update --accept entire@0.5.11-0.175.2.12.0.6.0
```

6. Reboot the system to login to the new boot environment with upgraded operating system on the Enterprise Controller.

7. After reboot, start the Enterprise Controller, Proxy Controller, and the Agent Controller. For example:

- To start an Enterprise Controller use the following command:

```
# ./ecadm start -w
```

- To start a Proxy Controller use the following command:

```
# ./proxyadm start -w
```

- To start an Agent Controller use the following command:

```
# ./agentadm start -w
```

8. Run the `install_ips_ac.sh` script to reconfigure all the IPS Publishers with the following command:

```
% pkg set-publisher --enable cacao
% pkg set-publisher --enable mp-re
% pkg set-publisher --enable opscenter
% /var/opt/sun/xvm/utils/install_ips_ac.sh -P 127.0.0.1
```

Related Resources and Articles

List of Oracle Enterprise Manager Ops Center documents with additional information.

For more information, see these Oracle resources:

- For information on Oracle Solaris Installation procedure, see *Oracle Enterprise Manager Ops Center Installation for Oracle Solaris Operating System*
- The Oracle Enterprise Manager Ops Center Documentation Library is located at http://docs.oracle.com/cd/E59957_01/index.htm
- For more information on product administration, see http://docs.oracle.com/cd/E59957_01/nav/administer.htm
- For end-to-end examples, see the Deploy How To library at http://docs.oracle.com/cd/E59957_01/nav/deploy.htm and the Operate How To library at http://docs.oracle.com/cd/E59957_01/nav/operate.htm
- For more information on Enterprise Manager Ops Center, see the Ops Center blog at <https://blogs.oracle.com/opscenter/>

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