



Cisco Element Management Framework CORBA Gateway Installation Instructions Version 2.1

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CHAPTER 1

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Installing Cisco EMF CORBA Gateway

The software installation instructions detail how to install/uninstall a Cisco Element Management Framework (Cisco EMF) CORBA Gateway.

Cisco EMF CORBA Gateway has two product options available. You may need one or both options:

- Cisco EMF CORBA Gateway Runtime Server—This is the component which is integrated with Cisco EMF and is installed at an operator’s site, with the applicable developed integration module.



Note Cisco EMF 3.2 Patch 5.4 must be installed to use the Cisco EMF CORBA Gateway Runtime Server.

- Cisco EMF CORBA Gateway Developer Toolkit—This includes the Interface Definition Language (IDL) and documentation necessary to design, build and test an integration module between a Cisco EMF EMS and a third party Operations Support System (OSS). If you have purchased this option you will have received this on a separate CD.

System Requirements

A Cisco EMF CORBA Gateway Developer Toolkit installation will require 4Mb of free disk space in a file system, for example `/opt`, in addition to the space required for the Cisco EMF Server installation. The system also requires an appropriate amount of free disk space for database files.

Installing from a Remote CD-ROM Drive

To install software onto a system that does not have its own CD-ROM drive, mount the CD on the remote system and then export the device to make it accessible over the network. Both of these operations are done on the remote system where the CD-ROM drive exists. Then mount the remote CD on the local system where the installation is to take place.

-
- Step 1** Insert the CD into the CD-ROM drive on the remote host.
- Step 2** On the remote host, login as superuser (su).
- Step 3** On the remote host, export the CD-ROM device as follows:
- a. Check the Volume Manager is running, enter:


```
/usr/bin/ps -ef | grep vold
```

 If the Volume Manager is running, you see a message similar to:


```
root 591 1 0 Feb 26 ? 0:01 /usr/sbin/vold
```
 - b. If the Volume Manager is not running, start the Volume Manager, enter:


```
/etc/rc2.d/S92volmgt start
```
 - c. When they are not already running, start the NFS related daemons. At the command line prompt enter:


```
/usr/lib/nfs/nfsd 8
```

```
/usr/lib/nfs/mountd
```
 - d. Share the mount point from the remote host. At the command line prompt enter:


```
share -F nfs -o ro /cdrom/cdrom0
```
 - e. Verify that this host has made the CD-ROM drive accessible. At the command line prompt enter:


```
share
```

 The output displayed should include the **/cdrom** mount point.
- Step 4** On the local host, on which the installation is to take place, mount the remote CD-ROM.
- a. When it does not already exist, create a mount point. At the command line prompt enter:


```
mkdir /mnt/CEMFmnt
```
 - b. Mount the remote directory. At the command line prompt enter:


```
mount -r <remote-host> : /cdrom/cdrom0 /mnt/CEMFmnt
```

 where *<remote-host>* is replaced by the host name of the remote device.
- The contents of the CD are now visible under the **/mnt/CEMFmnt** mount point.
-

Installing Cisco EMF CORBA Gateway Developer Toolkit

Before you install Cisco EMF CORBA Gateway Developer Toolkit you need to obtain Root, or superuser (su) password and privileges from your UNIX system administrator

To start the installation:

-
- Step 1** Login as superuser (su).
- Step 2** Check the Volume Manager is running, enter:
- ```
/usr/bin/ps -ef | grep vold
```
- a. If the Volume Manager is running, you see a message similar to:
- ```
root 591 10 Feb 26 ? 0:01 /usr/sbin/vold
```
- b. If the Volume Manager is not running, start the Volume Manager, enter:
- ```
/etc/rc2.d/S92volmgt start
```
- Step 3** Run the command **pkgadd -d /cdrom0/DeveloperOnly** or if using a remote CD-ROM
- ```
pkgadd -d /mnt/CEMFmnt
```
- Step 4** If no errors are reported the package is now installed.

**Note**

If a package has already been installed, the following messages is displayed This appears to be an attempt to install the same architecture and version of a package which is already installed. This installation will attempt to overwrite this package.

Uninstalling Cisco EMF CORBA Gateway Developer Toolkit

To uninstall a Cisco EMF CORBA Gateway Developer Toolkit:

-
- Step 1** Log on to the machine where Cisco EMF CORBA Gateway Developer Toolkit is installed.
- Step 2** Log in as the superuser (su).
- Step 3** Run the command **pkgrm CGWdev**
- Step 4** If no errors are reported the package is now uninstalled.
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