



## CHAPTER 4

# Installing CTM GateWay/CORBA R9.0

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The CTM GateWay/CORBA R9.0 option is a CORBA-based interface that provides higher-layer management systems with information for all CTM-supported NEs. This chapter describes how to install CTM GateWay/CORBA after installing the CTM R9.0 server.



### Caution

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A reliable network connection is required when carrying out an installation on a remote workstation.

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### Note

- The license for CTM GateWay/CORBA R9.0 is sold separately. If you are using this feature in a production environment, you must purchase a license.
  - For more information about CORBA support, including how to configure CTM GateWay/CORBA, see the [Cisco Transport Manager Release 9.0 GateWay/CORBA User Guide and Programmer Manual](#).
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## 4.1 Installing CTM GateWay/CORBA R9.0



### Note

- You must install CTM GateWay/CORBA on the same workstation as the CTM server. During the CTM GateWay/CORBA installation, you do not need to shut down the CTM server.
  - The CTM database must be up and running before installing CTM GateWay/CORBA.
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### Caution

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Contact the Cisco TAC before installing CTM GateWay/CORBA on a patched CTM server.

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### Step 1

Log into the CTM server workstation as the root user. The C shell (csh) is recommended. To start the C shell, enter the following command:

```
/bin/csh
```

**Step 2** Enter the following command to set the DISPLAY variable:

```
setenv DISPLAY <hostname_or_IP_address>:0.0
```

**Step 3** Enter the following command to verify that the display is set correctly:

```
echo $DISPLAY
```

In the output, you should see:

```
<hostname_or_IP_address>:0.0
```

**Step 4** If you are using an xterm window or a remote host, enter the following command to enable the xterm connection from the clients:

```
/usr/openwin/bin/xhost +
```

**Step 5** Insert the CTM Server Disk 1 installation CD and enter the following commands:

```
cd /
cdrom/cdrom0/Disk1/ctmsetup.sh
```



**Note**

If the required Solaris patches are missing, you must install them manually. Click **Cancel**; then, click **Quit**. Download the patches from SunSolve Online at <http://sunsolve.sun.com>. After you install the patches, continue this procedure.

The installation begins. Wait for up to 60 seconds while the following message appears:

```
Please wait, Cisco Transport Manager Server Release 9.0 is being configured for your system. This may take a moment...
```

**Step 6** At the Introduction screen, click **Next**.

**Step 7** At the License Agreement screen, read the license agreement and click the **I accept the terms of the license agreement** radio button. Click **Next**.

**Step 8** At the Installation Options screen, check **New Installation**; then, click **Next**.

**Step 9** At the Select Products to Install screen, check the **Cisco Transport Manager CORBA GateWay** check box; then, click **Next**.

**Step 10** Before you install CTM GateWay/CORBA, the Oracle listener must be running. Enter the following commands on the CTM database server to determine whether the listener is running:

```
su - oracle
lsnrctl status
```

If the listener is not running, the following note appears on the Select Products to Install screen:

```
You cannot install CTM GateWay/CORBA now. You must install the CTM server first; then, you can install CTM GateWay/CORBA.
```

**Step 11** At the Select Network Configuration screen, click **Next**.

**Step 12** At the Server IP Address screen, specify an IP address for the server setup; then, click **Next**.

**Step 13** The Pre-Installation Summary screen shows the items that will be installed. Click **Install**.

**Step 14** At the Insert New Media screen, complete the following substeps:

- a. As the root user, open a separate terminal window and enter the following command to eject the CTM Server Disk 1 installation CD:

```
eject
```

- b. Insert the required CTM Server Disk installation CD and click **Browse**.
- c. The Select a Folder dialog box opens. Double-click **cdrom**; then, single-click **cdrom0**. The filename text box now reads `/cdrom/cdrom0`.
- d. In the Select a Folder dialog box, click **Select**.
- e. In the Insert New Media screen, click **OK**.

**Step 15** The Install Complete screen summarizes the results of the installation. Click **Done**.

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## 4.2 Re-enabling CTM GateWay/CORBA After Reinstalling the CTM Database

If you reinstall the CTM database on the workstation where CTM GateWay/CORBA is installed, the CTM GateWay/CORBA node will be disabled in the Control Panel window.

To re-enable the CTM GateWay/CORBA node in the Control Panel, run the `update_config_for_gwcorba.sh` script located in the `/opt/CiscoTransportManagerServer/bin` directory.

■ 4.2 Re-enabling CTM GateWay/CORBA After Reinstalling the CTM Database