



## Deploying Dial Plans for 5.0(1) and Later Releases

This chapter provides instructions to deploy Cisco Unified Communications Manager (CallManager) Dial Plans on the Linux machine.



Note

The information in this chapter is applicable to all 5.x, 6.x, 7.x, 8.x, and 9.x releases of Cisco Unified Communications Manager (CallManager).



Note

Skip this chapter if you are deploying the dial plans on Cisco Unified CallManager release 4.2(3) or earlier.

### COP file Path

You can download dial plans for various releases of Cisco Unified Communications Manager from [www.cisco.com](http://www.cisco.com). You can find the Cisco Option Package (COP) file that contains all the available dial plans that you can download, install, and integrate with Cisco Unified Communications Manager systems at the following URL:



Note

This is not a hyperlink, you must copy and paste this text in the address field of your browser.

<http://www.cisco.com/cisco/software/release.html?mdfid=278719042&flowid=5338&softwareid=282074292&os=Linux&release=3.1.7-PT&reind=AVAILABLE&rellifecycle=&reltype=latest>

For details on how to install a COP file, see “Installing COP file” section on page 3-2.

You need to know the following information to access and install the right file:

- IDP v.1 contains dial plan files for 5.x as well as the executables for Windows.
- IDP v.2 contains dial plan files for 6.x
- IDP v3 contains dial plan files for 7.x, 8.x, and 9.x

For details on how to download and install a dial plan on Cisco Unified Communications Manager (CallManager), see the *Cisco Unified CallManager Administration Guide 5.0*.

**Note**

You can install and integrate dial plans with Cisco Unified Communications Manager, version 5.0 and later.

## Installing COP file

Each available dial plan for a release is packaged into an individual Dial Plan (DP) COP file and installed on the Cisco Unified Communications Manager System by using the File Transfer Protocol (FTP).

Use the following procedure to install DP COP file from Cisco Unified Communications Platform Administration window.

**Note**

A Dial Plan for a specific country is applicable only to that country and cannot be used in another country.

**Note**

The readme files on the install page contain information specific to all the dial plans being posted on a particular day, and are not associated to any particular dial plan.

- Step 1** From the Cisco Unified Communications Platform Administration window, choose **Software Upgrades > Install**.
- The Software Installation/Upgrade window displays.
- Step 2** In the Source field, choose **Remote File System**.
- Step 3** In the Directory field, enter the directory where the DP COP file is present.
- Step 4** In the Remote Server field, enter the host name or IP address where DP COP file is located.
- Step 5** In the Remote User and Remote Password fields, enter the user name and password.
- Step 6** From the Transfer Protocol drop-down list box, choose an appropriate protocol.
- Step 7** Click **Next**. The system checks for available options and upgrades.
- Step 8** The window refreshes with a list of available software options and upgrades. From the Options/Upgrades drop-down list box, choose the DP COP file and, and click **Next**.

**Note**

The DP COP file format is as follows: dp-ffr.[1-9]-[0-9]-[0-9]+.XX.cop.sgn. Example: dp-ffr.1-1-1.JP.cop.sgn for the Japanese dial plan. Here, the numbers stand for Communications Manager (CallManager) release number (1 for 5.x release, 2 for 6.x releases, and 3 for 7.x releases)—1 (constant number)—COP file release number.

The Installation File window opens which downloads the dial plan COP file.

- Step 9** In the next window, monitor the progress of the download, which includes the filename and the number of megabytes getting transferred.
- When the download completes, the Checksum window displays.
- Step 10** Verify the checksum value against the checksum for the file that you downloaded shown on Cisco.com.

**Caution**

The two checksum values must match to ensure the authenticity and integrity of the upgrade file. If the checksum values do not match, download a fresh version of the file from Cisco.com and try the upgrade again.

A Warning window displays the current and upgrade software versions.

**Step 11** After determining that the checksum values match, click **Next** to proceed with the software upgrade.

**Step 12** A warning displays the DP COP file that you selected to install. Click **Install**.

The Install Status windows displays, which shows the Install log.

**Step 13** When the installation completes, click **Finish**.

**Note**

On completion of installation, two directories get created on the Cisco Unified Communications Manager server: /usr/local/cm/idp/XXNP/ and /var/log/active/cm/trace/idp/XXNP. The IPT Platform Installation copies the dial plans files that are available in the DP COP to /usr/local/cm/idp/XXNP, where XX specifies the country code.

**Note**

After installing a 6.x or 7.x dial plan on its respective Cisco Unified Communications Manager version, you may see the installed version as 1.1(X) in the Cisco Unified Communications Manager box. Even though the dial plan version is 2.1(X) for 6.x, and 3.1(X) for 7.x, the version displayed after installation remains 1.X(Y). The first digit in this case, indicates the location where it is to be installed.

**Note**

Because Cisco Unified Communications Manager 5.0(4) requires signed dial plans, you cannot use the dial plans for Cisco Unified Communications Manager 5.0(2) with Cisco Unified Communications Manager 5.0(4). Make sure that you download the signed 5.0(4) COP files from CCO.

**Note**

You can download the COP file from CCO on to your machine and install it on Cisco Unified Communications Manager or Cisco Unified Communications Manager by using the preceding procedure. Alternately, you can download the COP file from CCO on to a Windows machine and access and install it on Cisco Unified Communications Manager by using the above procedure, if FTP server is configured on the Windows machine.

**Note**

Install the COP file first on the first node in the Cisco Unified Communications Manager or Cisco Unified Communications Manager cluster, and then on the subsequent nodes. You must install the COP files on all the nodes in the cluster.

**Note**

When you upgrade from 4.0x to 5.0x, to retain the dial plan and the dial plan configurations, such as the route pattern/route filter that is associated to a dial plan, install the latest dial plans that are available on CCO.

