



CHAPTER 61

Importing Configuration

To import configuration data to Cisco Unified Communications Manager using the Bulk Administration Menu, use the following procedure.



Note If your import .csv file has templates specific to IPMA, make sure that you run the IPMA wizard on the target server before you carry out the import transaction.

Procedure

Step 1 Choose **Bulk Administration > Import/Export > Import**.

The Import Configuration window displays.

Step 2 Select the .tar file name in the File Name field and click **Next**.



Note The File Name drop-down list box lists all uploaded .tar files. For information on uploading the .tar file, refer to [Chapter 2, “Uploading a File.”](#)

Step 3 The Import Configuration section lists all the components of the .tar file. Check the corresponding check boxes for the options that you want to import.

Step 4 To make BPS update the item if it exists, and insert if it does not, check the **Override the existing configuration** check box. Overriding the existing configuration is optional.



Note In case the files are modified, then the filename and the file format must not be changed during the update.

Step 5 You can click **Select All** to select all the options at once, and click **Clear All** to clear all selections.

Step 6 Choose to run the job immediately or later by selecting the corresponding radio button.

Step 7 To create a job for importing the selected data, click **Submit**.

A message in the Status section lets you know that the job was submitted successfully.

Step 8 To schedule and/or activate this job, use the Job Scheduler option in the Bulk Administration main menu.

**Note**

You can use Override when you are running the same tar file with corrections, after a failed job-run.

Log Files

Multiple log files are created for a single import transaction. One for the overall transaction, and one each for the items selected for import. The log file name is prepended with the item name, to make it easier to identify the logs. The log showing the overall transaction will have the job ID prepended.

These files can be accessed from the Job Scheduler page.

Cyclic Dependency

Some entities in Cisco Unified Communications Manager depend upon each other in such a way that one cannot be imported without importing the other. Import/Export carries out the import process for such entities in two stages:

1. The entity with the higher priority is imported first, with a blank value for the supporting entity.

**Note**

This occurs because the value of the supporting entity is not available at the time.

2. After importing all the entities in the .tar, Import/Export updates the higher priority entity with the value of the supporting entity to complete the import process.

**Note**

The value of the supporting entity becomes available in the next cycle.

Example

Consider the following example to understand how cyclic dependency works:

Device Pool and Media Resource Group List (MRGL)—Device Pool (entity with the higher priority) gets imported first, with a blank value for MRGL (supporting entity), because the value of MRGL is not available at the time. After importing all the entities in the .tar file, Import/Export updates Device Pool, replacing the blank value with the true value of MRGL to complete the import process.

Consider the following entities as bound by cyclic dependency:

- Device Pool and MRGL
- Device Pool and Route Group
- Partition and Time Schedule
- Application User and User group

Sample Record

devicepool.csv

```
DEVICE POOL NAME,CISCO UNIFIED CALLMANAGER GROUP,DATE/TIME
GROUP,REGION,SRST REFERENCE,CALLING SEARCH SPACE FOR
AUTO-REGISTRATION,AAR CALLING SEARCH SPACE,DEVICE MOBILITY CALLING
```

SEARCH SPACE, MEDIA RESOURCE GROUP LIST, LOCATION, NETWORK
 LOCALE, CONNECTION MONITOR DURATION, DEVICE MOBILITY GROUP, AAR
 GROUP, REVERTED CALL FOCUS PRIORITY, LOCAL ROUTE GROUP, CALLING PARTY
 TRANSFORMATION CSS, CALLED PARTY TRANSFORMATION CSS, INCOMING CALLING
 PARTY NATIONAL NUMBER PREFIX, INCOMING CALLING PARTY INTERNATIONAL
 NUMBER PREFIX, INCOMING CALLING PARTY UNKNOWN NUMBER PREFIX, INCOMING
 CALLING PARTY SUBSCRIBER NUMBER PREFIX, PHYSICAL LOCATION

Branch_0000, CMG 1

Phones, Central, region_0001, Disable, NULL, NULL, NULL, Intrn_MRGL-1_Volkswagen

Intrn., NULL, -, 1, NULL, NULL, Default, NULL, NULL, NULL, Default, Default, Default, Default, NULL

mediaresourcegrouplist.csv

NAME, MEDIA RESOURCE GROUP 1, SORT ORDER 1

Intrn_MRGL-1_Volkswagen Intrn.,,



Note

Be aware that Import/Export generates two logs files for every import of dependent entities. The first log file indicates the status of insert of the first entity; the other indicates whether the first entity was successfully updated with the value of the supporting entity.

Items not supported by Cyclic Dependency

The following items are not supported by cyclic dependency:

- Dial Plan Installer
- Route Plan Report
- MOH Audio Source
- Fixed MOH Audio Source
- MOH Audio File Management
- Cisco Voice Mail Port wizard
- Firmware load information

Override Only

Import/Export does not support insert functionality for the following entities in the Cisco Unified Communications Manager database. You can only update/override these entities.

- Cisco Unified CM
- LDAP System
- Enterprise Parameters
- Service Parameter
- Mobility Configuration
- Annunciator

- MOH Server
- Device Defaults
- Credential Policy Default

Upgrading from Cisco Unified CallManager 4.x Releases

Keep the following points in mind when you import entities after an upgrade from Cisco Unified CallManager 4.x releases:

- The entity names should be valid as per the naming conventions of the Cisco Unified Communications Manager version running on the target server. For Cisco Unified Communications Manager naming conventions, refer to the *Cisco Unified Communications Manager Data Dictionary, Release 7.0(1)*.
- Some user groups associated to application users that are relevant to the Cisco Unified CallManager 4.x version running on the source server, may not be relevant to the Cisco Unified Communications Manager version running on the target server. Import transaction for such user groups will fail.

Related Topics

- [Exporting Configuration, page 60-1](#)
- [Editing the .tar File, page 60-5](#)
- [Log Files, page 61-2](#)
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