

Migrate Extension Numbers Between Phones using the Bulk Administration Tool

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Contents

Introduction

Prerequisites

- Requirements
- Components Used
- Conventions

Migrate Cisco IP Phone 7960 UDPs to Cisco IP Phone 7970 UDPs

- Export the Cisco 7960 IP Phone UDPs to a File and Modify the File to Point to Cisco 7970 IP Phone
- Insert the New UDP File into the BAT with Cisco 7970 IP Phone Details

Related Information

Introduction

The Bulk Administration Tool (BAT) is a web-based application that allows you perform bulk transactions. For example, you can add, update, or delete, on a large number of phones, users, and ports on a Cisco Catalyst 6000 Foreign Exchange Station (FXS) analog interface module to the Cisco CallManager database. The BAT also supports the insertion and deletion of Cisco VG200 gateways and ports. Where this was previously a manual operation, the BAT helps you automate the process and achieve much faster add, update, and delete operations. The User Device Profiles (UDP) option in the BAT allows you to add or delete large numbers of user device profiles.

You can use the BAT to migrate user device profiles between different IP phones. This document discusses how to migrate the device profiles created for users using one IP phone to another IP phone.

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- Cisco CallManager Administration
- Bulk Administration Tool

Components Used

The information in this document is based on these software and hardware versions:

- Cisco CallManager 4.x and later
- Bulk Administration Tool 5.0(1)

Note: For illustration purposes, this document discusses the migration of Cisco 7960 IP Phone UDPs to Cisco 7970 IP Phone UDPs.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure

that you understand the potential impact of any command.

Conventions

Refer to the Cisco Technical Tips Conventions for more information on document conventions.

Migrate Cisco IP Phone 7960 UDPs to Cisco IP Phone 7970 UDPs

In this section, you are presented with the information on how to migrate Cisco IP Phone 7960 UDPs to Cisco IP Phone 7970 UDPs. The migration cannot be done using the normal steps in the BAT. The only way to do this is through these steps:

1. Export the UDP for Cisco IP Phone 7960 to a file and modify the file to point to Cisco IP Phone 7970.
2. Insert the new UDP file to BAT with Cisco IP Phone 7970 all details.

Export the Cisco 7960 IP Phone UDPs to a File and Modify the File to Point to Cisco 7970 IP Phone

Complete these steps in order to export the Cisco IP Phone 7960 UDPs to a file and modify the file to point to Cisco IP Phone 7970.

1. From the BAT, choose **Configure > User Device Profiles**. In the User Device Profile Options window, select **Export User Device Profiles**.



2. In the Export File Name field, enter the file name that you want to use.
3. In the File Format Name field, choose **All User Device Profiles Details**. In order to export all the line

attributes, services, and User IDs that are associated with the Cisco 7960 UDP, select the Model as **Cisco 7960** and click the **All Details** radio button.

4. Click **Export** at the top of the window in order to export the chosen user device profile records. A message advises you of approximately how long it takes to export the records in the Cisco CallManager database. Click **OK** to continue. BAT displays either an **Export Completed** or **Export Failed** in the Status area.

Bulk Administration Tool
For Cisco IP Telephony Solutions

Export User Device Profiles

Status: Ready

Export

Export File Name* *

File Format Name* (View File)

Export Options

All Details

Model*

Specific Details

Select User Device Profiles where

Model*

Number of Lines*

Microsoft Internet Explorer

You are about to export 1 record(s). This operation may take approximately 1 minute for every 250 records. This may adversely affect call processing.

Continue?

OK Cancel

5. The BAT saves the exported file at C:\BatFiles\Export\User Device Profiles\ on the publisher server. Make the necessary changes by replacing all references to **7960** with **7970**. You can do this manually in the text file when you search for **7960**, or copy and paste the output of this text file into Microsoft Word, and perform a search and replace. Be careful not to modify the format when you paste your modifications back into the text file.

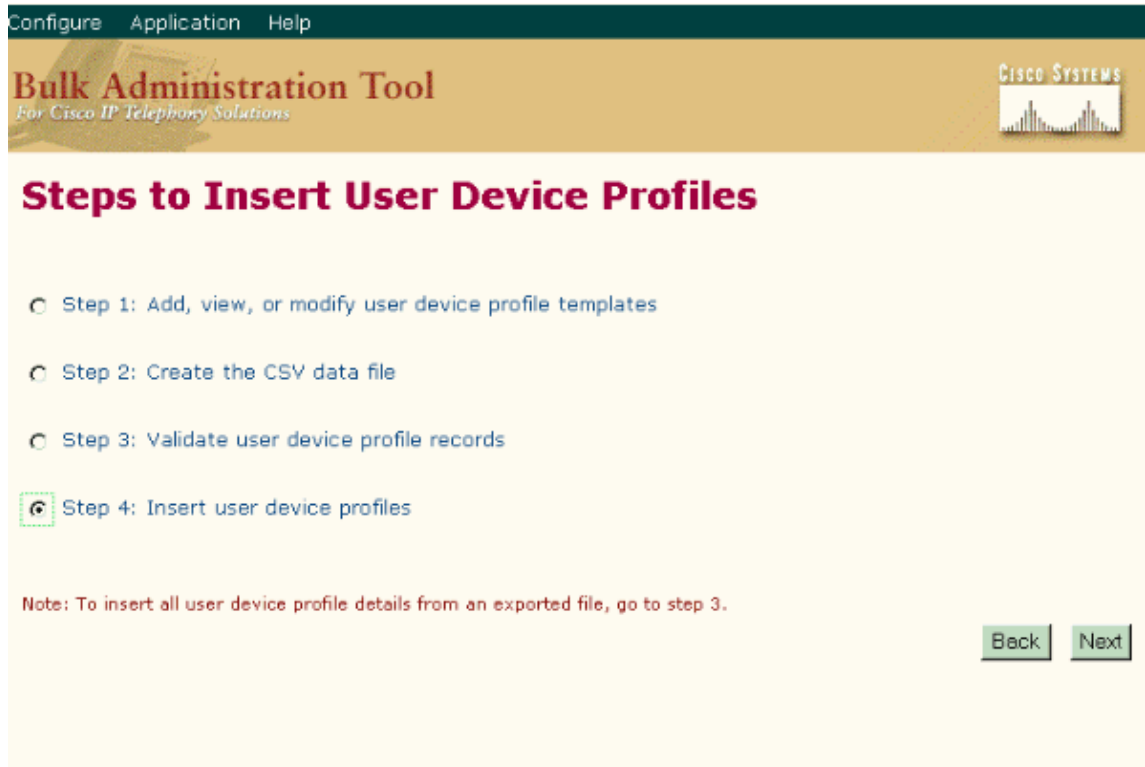
```
File Edit Format Help
<<DEVICE>>7960_udp,7960_udp,,,SampleAudioSource,,,English United States,,0,Standard 7960,,,:
```

6. Save the new file to C:\BatFiles\User Device Profiles.

Insert the New UDP File into the BAT with Cisco 7970 IP Phone Details

Complete these steps in order to insert the new file into the BAT by selecting Cisco IP Phone 7970 All Details.

1. From BAT, choose **Configure > User Device Profiles> Insert User Device Profiles**. In this window, select **Step 4: Insert User Device Profiles** and click **Next**.



2. In the File Name field, choose the new file (in this example, 7960_new.txt). Choose Insert Option **All Details** and select the Model **Cisco 7970**.
3. Click **Insert**. A message displays that tells you the approximate time required to insert the records into the Cisco CallManager database. Click **OK** to continue.

Bulk Administration Tool
For Cisco IP Telephony Solutions

CISCO SYSTEMS

Insert User Device Profiles

Step 4 of 4

Status: Ready

File Name* [\(View File\)](#)

Insert Options

Specific Details [\(View Sample File\)](#)

User Device Profile Template Name [\(Line Details\)](#)

All Details [\(View Sample File\)](#)

Model

Based on devices controlled by users

Set User Device Profile as Log Out Profile for the device

* required only with 'Specific Details' and 'All Details' options
Note: Save your files at C:\BATFiles\User Device Profiles\

Microsoft Internet Explorer

You are about to insert record(s). This operation may take approximately 1 minute for every 15 records. This may adversely affect call processing.

Continue?

4. Ensure the migration has no errors. Click on **View Latest Log File**.

Configure Application Help

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CISCO SYSTEMS

Insert User Device Profiles

Step 4 of 4

Status: Insert Completed

[View Latest Log File](#)

File Name* [\(View File\)](#)

Insert Options

Specific Details [\(View Sample File\)](#)

User Device Profile Template Name [\(Line Details\)](#)

All Details [\(View Sample File\)](#)

Model

Based on devices controlled by users

Set User Device Profile as Log Out Profile for the device

* required only with 'Specific Details' and 'All Details' options
Note: Save your files at C:\BATFiles\User Device Profiles\, on the publisher (10.89.35.214)

There should be **0 failed** in the result summary.

```
INSERT ALL USER DEVICE PROFILE DETAILS      6/26/2007 10:18:47 AM

File Name: 7970udp.txt

Result Summary:
      Insert for 1 USER DEVICE PROFILE passed
      Insert for 0 USER DEVICE PROFILE failed

-----

UPDATE USERS      6/26/2007 10:18:47 AM

      Update for 1 Users passed
      Update for 0 Users failed
```

Related Information

- [Working with the Export Utility](#)
- [Working with User Device Profiles](#)
- [Voice Technology Support](#)
- [Voice and Unified Communications Product Support](#)
- [Technical Support & Documentation – Cisco Systems](#)

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