

# Migrate Extension Numbers Between Phones using the Bulk Administration Tool

Document ID: 71488

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## 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

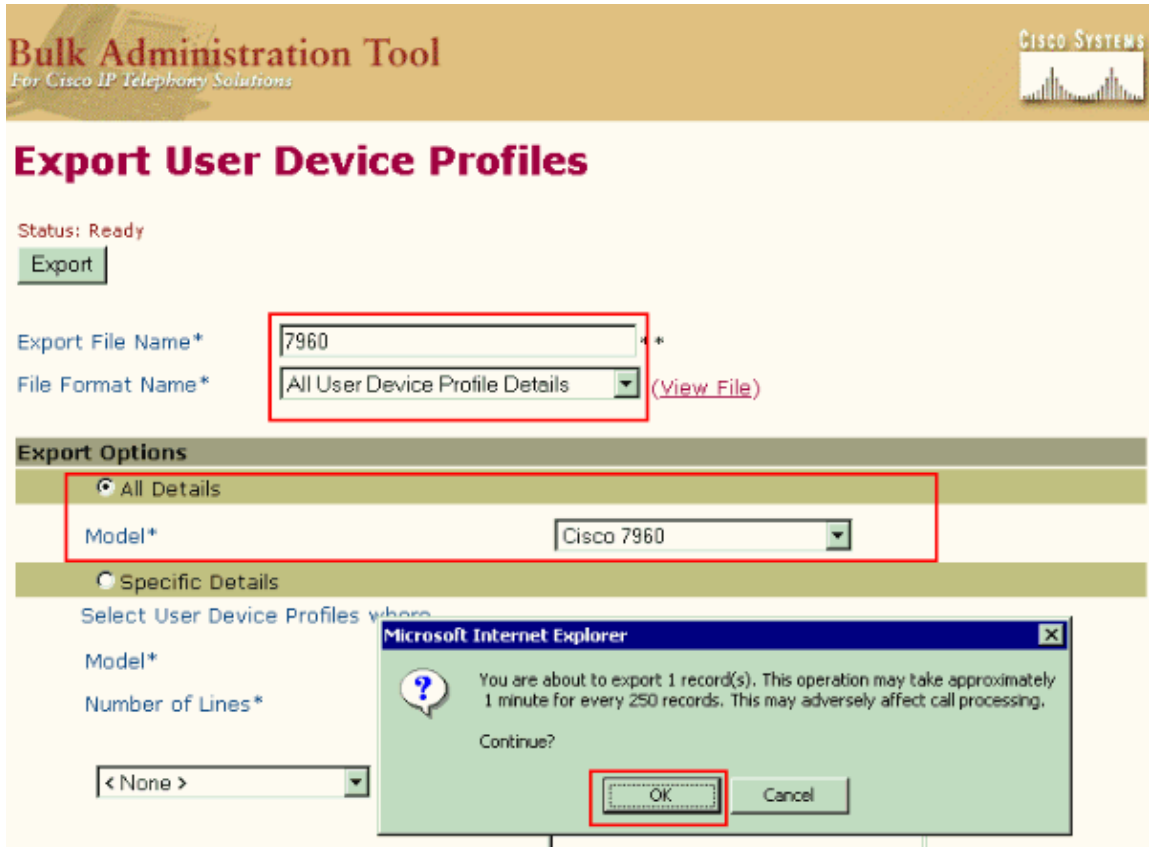
Complete these steps in order to export the Cisco IP Phone 7960 UDPs to a file and modify the file to point to Cisco IP Phone 7970.

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

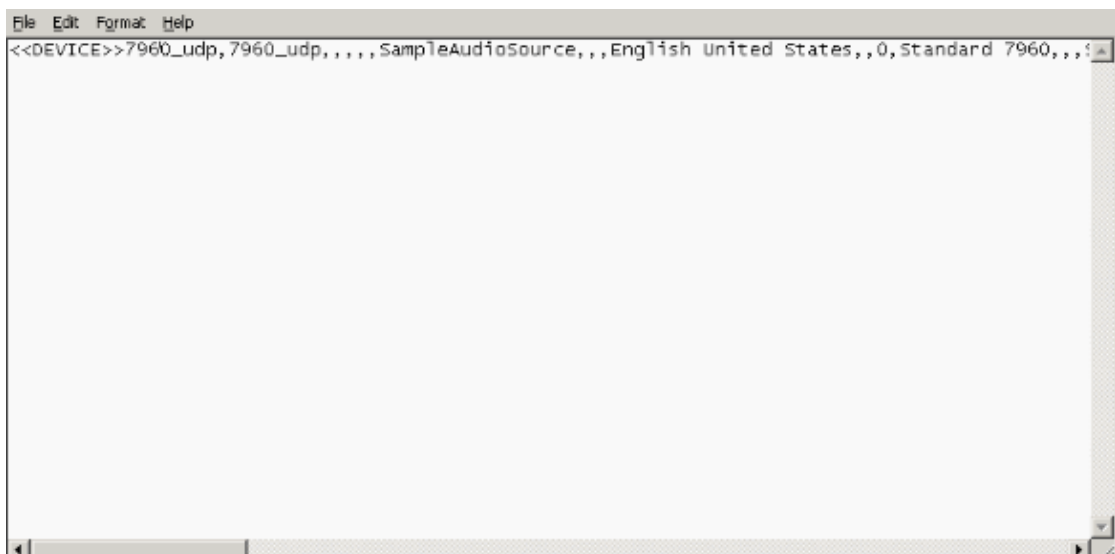


2. In the Export File Name field, enter the file name that you want to use.

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.



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.

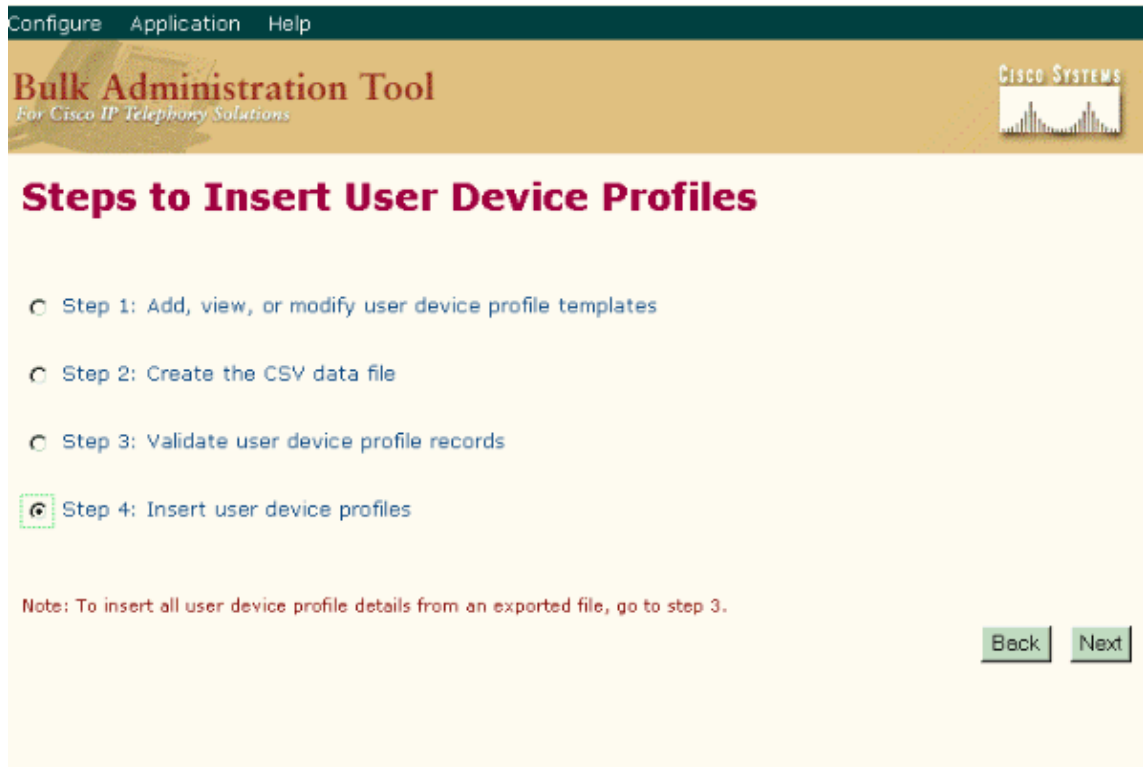


6. Save the new file to **C:\BatFiles\User Device Profiles**.

## 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.

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## 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\Us

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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## 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

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

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

## NetPro Discussion Forums – Featured Conversations

Networking Professionals Connection is a forum for networking professionals to share questions, suggestions, and information about networking solutions, products, and technologies. The featured links are some of the most recent conversations available in this technology.

NetPro Discussion Forums – Featured Conversations for Voice
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Voice & Video: Voice over IP
Voice & Video: IP Telephony
Voice & Video: IP Phone Services for End Users
Voice & Video: Unified Communications
Voice & Video: IP Phone Services for Developers
Voice & Video: General

## Related Information

- [Working with the Export Utility](#)
- [Working with User Device Profiles](#)
- [Voice and Unified Communications Support Resources](#)

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