



# Cisco Unified CME Graphical User Interface User Guide

## Table of Contents

---

1. Introduction .....	2
2. Preparation.....	2
3. Configure User Parameters.....	2
3.1 Configure Speed Dials .....	2
3.2 Configure & Change Extension Numbers .....	4
3.3 Configure Ephone .....	6
3.4 Configure Username/password.....	6
3.5 Configure Night-Service Bell .....	7
3.6 Configure Call-Blocking.....	9
4. Configure System Parameters.....	10
4.1 VoiceView Express URL.....	10
4.2 Configure IP Phone URLs .....	10
4.3 Configure Hunt-group settings.....	11
4.4 Configure Directory Entries using GUI .....	12
4.5 Configure Dialplan pattern.....	13
4.6 Configure Paging Extension .....	13
4.7 Configure Intercom Extension.....	15
4.8 Configure Call-Park Extension .....	16
4.9 Configure Parallel Hunt-Group (Call Blast).....	16

## Revision History

Revision	Date	Author	Comments
1.0	June 1, 2008	Tony Huynh	Initial Draft
2.0	Dec 1, 2008	Tony Huynh	Added Parallel Hunt-Group

## 1. Introduction

The following document provides instructions on how to use Communications Manager Express (CME) graphical user interface (GUI) to configure different CME features. This document assumes that all CME GUI files already reside on flash and the required configuration is in place to allow access to CME GUI.

## 2. Preparation

Prior to being able to configure CME features using CME GUI, the system administrator first needs to configure the following to allow gui access.

```

config terminal
telephony-service
web system name <NAME> password <PASSWORD>

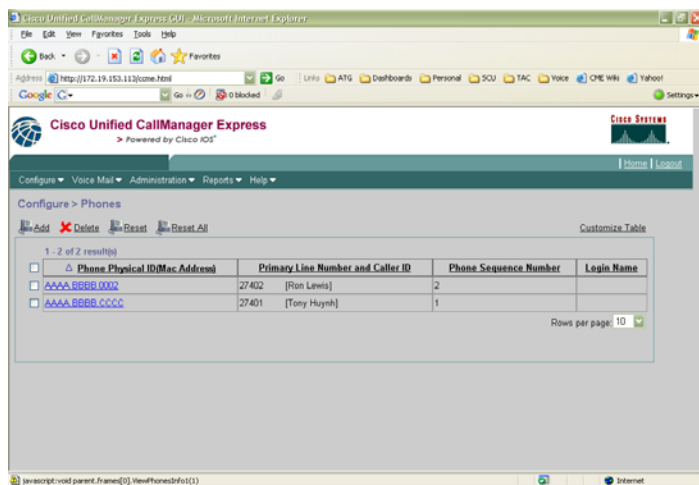
```

## 3. Configure User Parameters

### 3.1 Configure Speed Dials

In order to configure Speed Dials using CME GUI, perform the following:

1. Log into CME GUI and go to Configure > Phones
2. Select the phone you are adding speed dials for



3. Configure speed dial for phone and save

**Change Phone**

Phone Physical ID : AAAA.BBBB.CCCC  
 Phone Sequence Number : 1  
 Phone Type : Other  
 Call Blocking :  Exempt  Non Exempt  
 Video Enable :  Disable  Enable  
 Auto-Line Selection :  In/Out  Incoming  Disable  
 Login PIN :   
 Receive Night Service Bell :  No  Yes

**Phone Line Buttons**

1 result(s)

Button	Extension(s)	Ring Type/Mode
1	1, 27401 [ Tony Huynh ]	Normal Ring

**Speed Dial Information**

**Note:** The number of speed dial that will display on your phone depends on the type of phone, and the number of lines configured.

Speed Dial 1:  Label:   
 Speed Dial 2:  Label:   
 Speed Dial 3:  Label:   
 Speed Dial 4:  Label:   
 Speed Dial 5:  Label:   
 Speed Dial 6:  Label:   
 Speed Dial 7:  Label:   
 Speed Dial 8:  Label:   
 Speed Dial 9:  Label:   
 Speed Dial 10:  Label:   
 Speed Dial 11:  Label:   
 Speed Dial 12:  Label:   
 Speed Dial 13:  Label:   
 Speed Dial 14:  Label:   
 Speed Dial 15:  Label:   
 Speed Dial 16:  Label:   
 Speed Dial 17:  Label:   
 Speed Dial 18:  Label:   
 Speed Dial 19:  Label:   
 Speed Dial 20:  Label:   
 Speed Dial 21:  Label:   
 Speed Dial 22:  Label:   
 Speed Dial 23:  Label:   
 Speed Dial 24:  Label:   
 Speed Dial 25:  Label:   
 Speed Dial 26:  Label:   
 Speed Dial 27:  Label:   
 Speed Dial 28:  Label:   
 Speed Dial 29:  Label:   
 Speed Dial 30:  Label:   
 Speed Dial 31:  Label:   
 Speed Dial 32:  Label:   
 Speed Dial 33:  Label:

**Login Account**

Login Username   
 Password   
 Re-enter Password

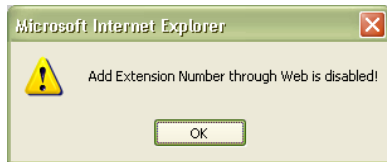
While you are on this screen, take a look at the other options you can configure such as username/password, login pin, night-service bell, video enable, and auto-line select.

### 3.2 Configure & Change Extension Numbers

In order to edit extensions through the CME gui, you need to first enable this under telephony-service in the CME configuration.

```
config terminal  
telephony-service  
dn-webedit
```

If you don't enable “**dn-webedit**” and try to add an extension through CME gui, you will see the following error:



In order to configure an Extensions using CME GUI, perform the following:

1. Log into CME GUI and go to Configure > Extensions
2. Choose add/delete an extensions or you can change an existing extension by clicking on the blue hyperlink. The extension types that you can choose when adding an extension are:
  - Normal
  - Intercom
  - Paging
  - Message Waiting Indicator (MWI)
  - Park-slot

**Change Extension**

Extension Number : 27401  
Name : Tony Huynh  
Label : Tony  
Block Caller ID :  No  Yes  
Description : First Line  
Sequence Number : 1  
Extension Type : Normal  
Call Forward busy : 27400  
Call Forward no-answer : 27400 timeout in seconds 10

**Advanced Features**

Secondary Number : 4082727401  
E.164 Registration : Neither Reg  
Line Mode : Dual  
Hunt Stop :  Off  On  
Hunt Stop Channel :  Off  On  
Preference : 0  
Preference (Secondary) : 9  
Hold-alert :  
Pickup-Group : 2001  
Receive Night Service Bell :  No  Yes  
Call Forward All :

The above configuration will configure the following in CLI:

```
!  
ephone-dn 1 dual-line  
number 27401 secondary 4082727401 no-reg both  
pickup-group 2001  
label Tony  
description First Line  
name Tony Huynh  
call-forward busy 27400  
call-forward noan 27400 timeout 10
```

**On the above screen, also look over the other parameters that you can configure.**

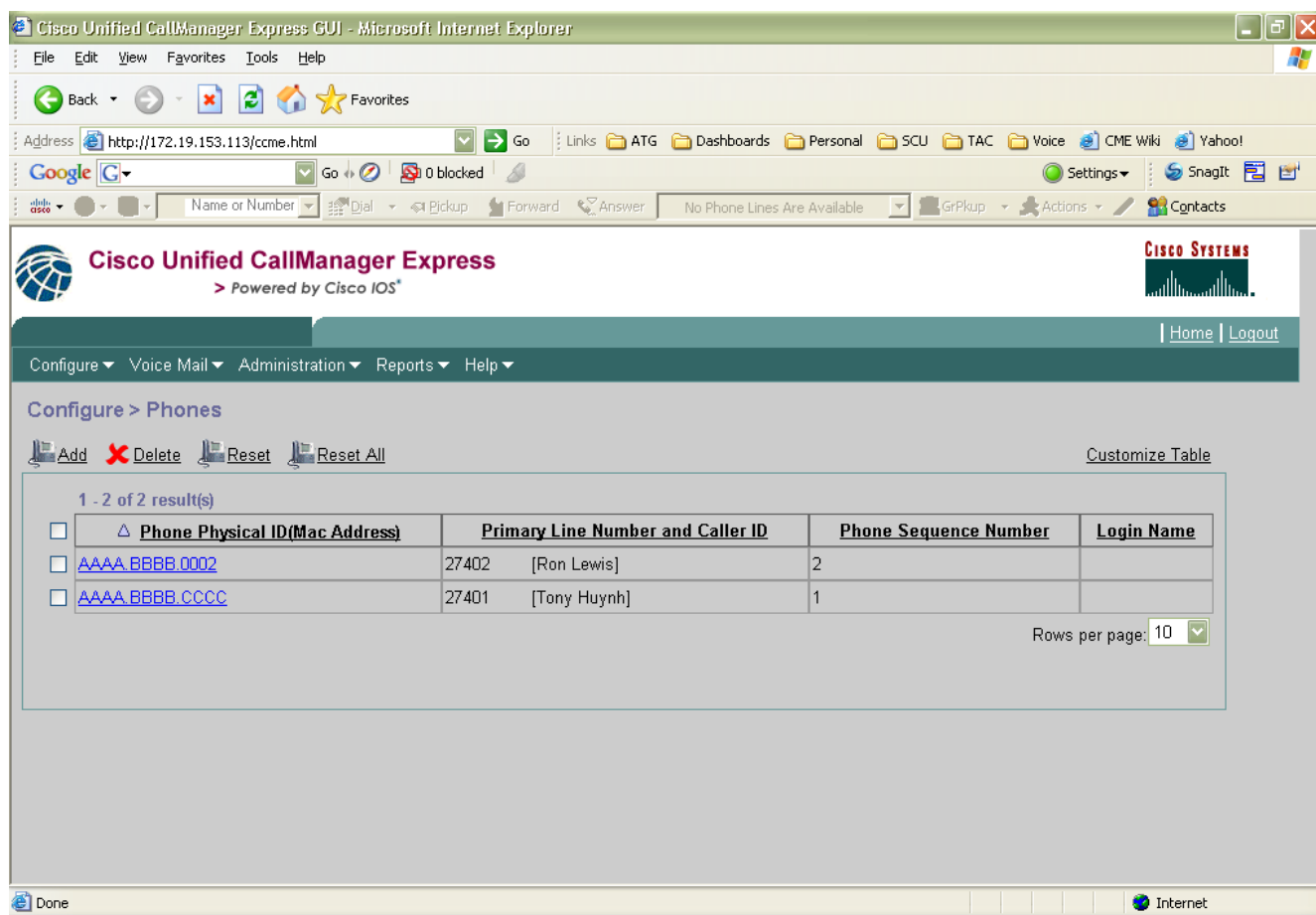
### 3.3 Configure Ephone

In order to add and configure an ephone via the CME gui, you first need to enable “**auto-reg-ephone**” under telephony-service so that the CME can auto-register to CME and auto-populate the mac-address field – without this, the CME gui will complain that there is no phone to add: see below.



In order to configure an ephone using CME GUI, perform the following:

1. Log into CME GUI and go to Configure > Phones
2. Choose add/delete an ephone and fill in the required fields.



### 3.4 Configure Username/password

In order to configure an username/password using CME GUI, perform the following:

1. Log into CME GUI and go to Configure > Phones
2. Scroll down to the username/password field and enter the username/password.

**Change Phone**

Phone Physical ID : 000C.3070.9543  
 Phone Sequence Number : 2  
 Phone Type : Other  
 Call Blocking :  Exempt  Non Exempt  
 Video Enable :  Disable  Enable  
 Auto-Line Selection :  In/Out  Incoming  Disable  
 Login PIN :   
 Receive Night Service Bell :  No  Yes

**Phone Line Buttons**

1 result(s)

Button	Extension(s)	Ring Type/Mode
1	2, 2002	Normal Ring

**Speed Dial Information**

**Note:** The number of speed dial that will display on your phone depends on the type of phone, and the number of lines configured.

Speed Dial 1:  Label:   
 Speed Dial 2:  Label:   
 Speed Dial 3:  Label:   
 Speed Dial 4:  Label:   
 Speed Dial 5:  Label:   
 Speed Dial 6:  Label:   
 Speed Dial 7:  Label:   
 Speed Dial 8:  Label:   
 Speed Dial 9:  Label:   
 Speed Dial 10:  Label:   
 Speed Dial 11:  Label:   
 Speed Dial 12:  Label:   
 Speed Dial 13:  Label:   
 Speed Dial 14:  Label:   
 Speed Dial 15:  Label:   
 Speed Dial 16:  Label:   
 Speed Dial 17:  Label:   
 Speed Dial 18:  Label:   
 Speed Dial 19:  Label:   
 Speed Dial 20:  Label:   
 Speed Dial 21:  Label:   
 Speed Dial 22:  Label:   
 Speed Dial 23:  Label:   
 Speed Dial 24:  Label:   
 Speed Dial 25:  Label:   
 Speed Dial 26:  Label:   
 Speed Dial 27:  Label:   
 Speed Dial 28:  Label:   
 Speed Dial 29:  Label:   
 Speed Dial 30:  Label:   
 Speed Dial 31:  Label:   
 Speed Dial 32:  Label:   
 Speed Dial 33:  Label:

**Paging Information**

Paging Extension: 3001  Unicast  No  Yes

**Login Account**

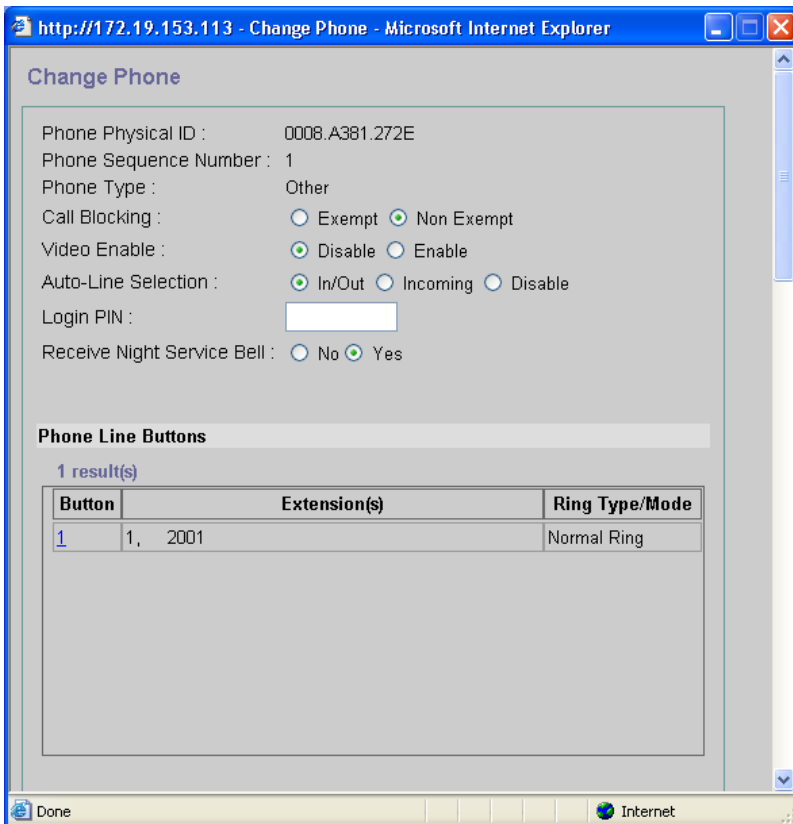
Login Username:   
 Password:   
 Re-enter Password:

### 3.5 Configure Night-Service Bell

In order to configure night-service bell using CME GUI, perform the following:

1. Log into CME GUI and go to Configure > Phones

2. Check the box labeled “Receive Night Service Bell”



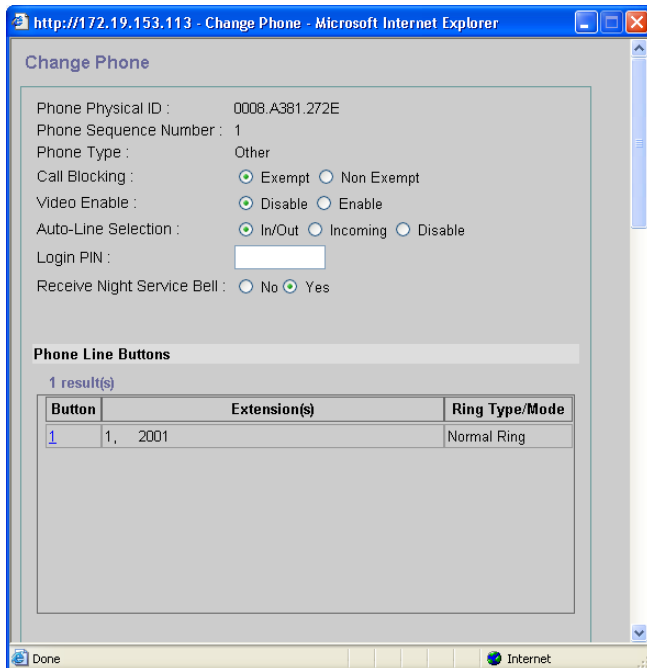
The following configuration is created in IOS CLI.

```
ephone 1  
mac-address 0008.A381.272E  
button 1:1  
night-service bell
```

### 3.6 Configure Call-Blocking

In order to configure an exempt individual SCCP phone from call blocking, perform the following on CME GUI:

1. Log into CME GUI and go to Configure > Phones
2. Check the “Exempt” checkbox for Call Blocking.



Use this command to exempt an individual SCCP phone from call blocking and enable the phone user to place outgoing calls regardless of whether the outgoing called number matches the defined pattern of digits during the call blocking periods. By default, all IP phones in a Cisco Unified CME system are subject to call blocking if the Call Blocking feature is configured.

The following configuration is created:

```
ephone 1
after-hour exempt
button 1:1
night-service bell
```

## 4. Configure System Parameters

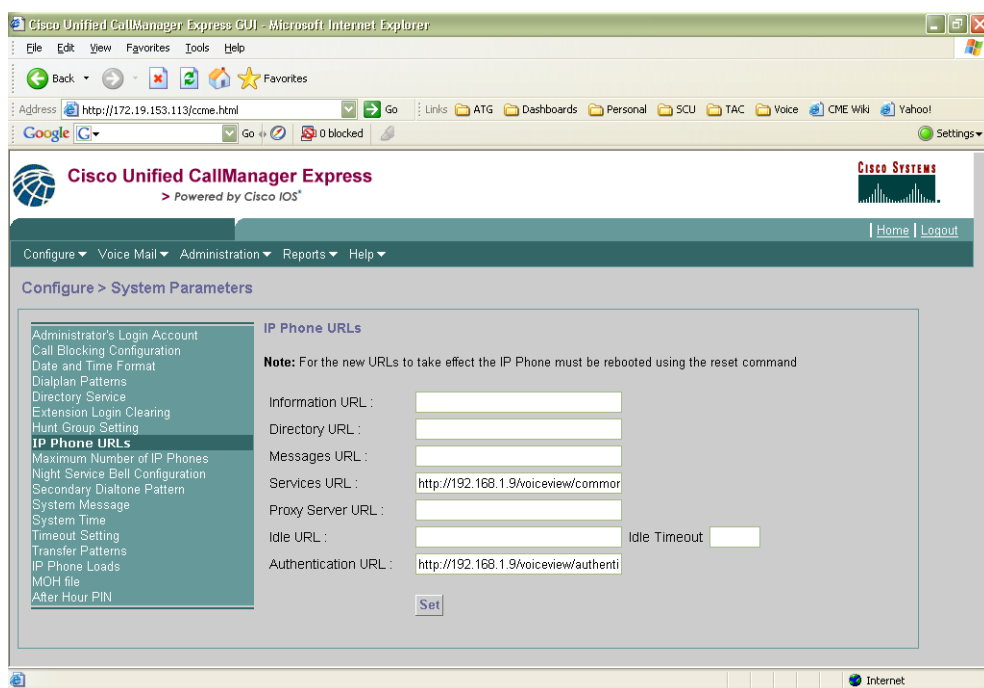
### 4.1 VoiceView Express URL

In order to configure voiceview express service URL from CME GUI, perform the following

1. Log into CME GUI and go to Configure > System Parameters
2. Configure the Service and authentication URL to match the following: replace the ip address in the screenshot below with the Ip address of CUE

Services URL: <http://192.168.1.9/voiceview/common/login.do>

Authentication URL: <http://192.168.1.9/voiceview/authentication/authenticate.do>



### 4.2 Configure IP Phone URLs

In addition to using CME gui to configure Voiceview Express URL, you can also use it to configure other URL parameters such as:

- Information URL
- Directory URL
- Messages URL
- Proxy Server URL
- Idle URL
- Authentication URL
- Services URL

### 4.3 Configure Hunt-group settings

In order to configure hunt-group settings using CME GUI, perform the following:

1. Log into CME GUI and go to Configure > System Parameters
2. Select Hunt Group Setting and configure the following fields

The screenshot displays the Cisco Unified CallManager Express GUI. The top navigation bar includes the Cisco logo, 'Cisco Unified CallManager Express > Powered by Cisco IOS', and the Cisco Systems logo. Below the navigation bar, there are tabs for 'Configure', 'Voice Mail', 'Administration', 'Reports', and 'Help'. The main content area is titled 'Configure > System Parameters' and contains a sidebar menu with various configuration options, including 'Hunt Group Setting' which is currently selected. The main configuration area is titled 'Add Hunt Group' and contains the following fields:

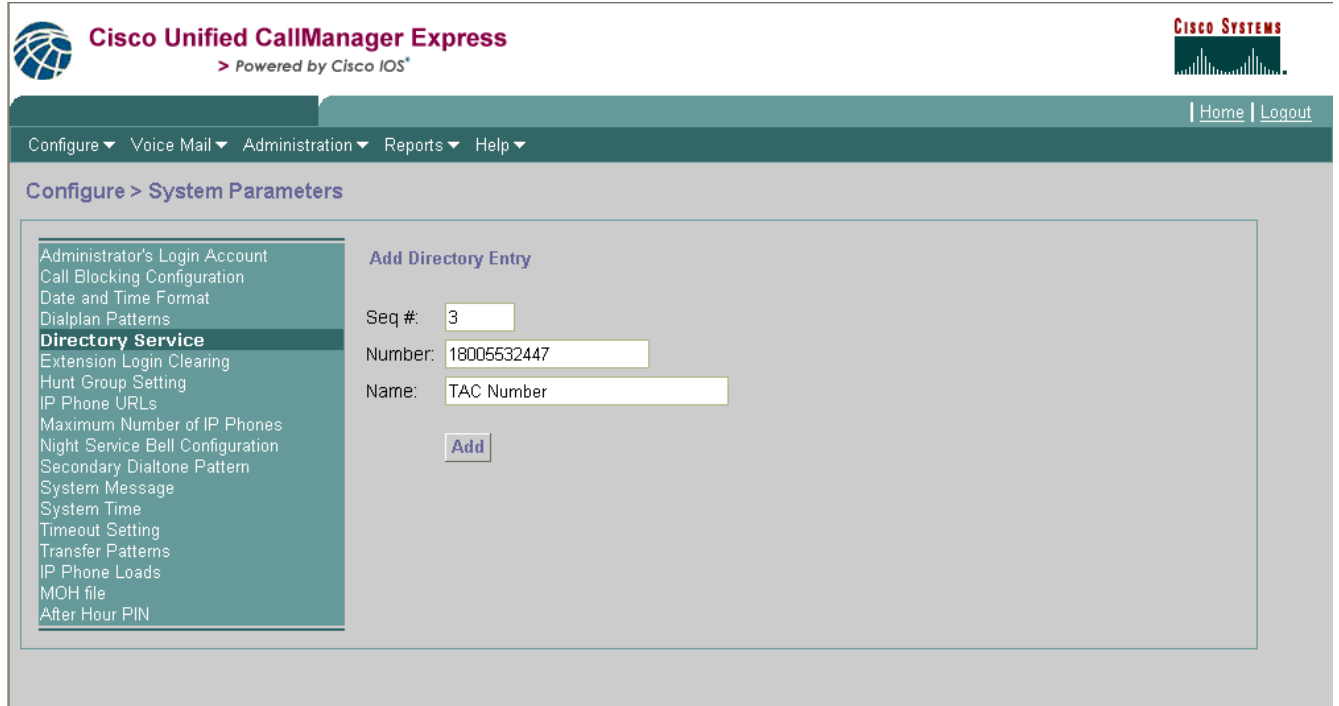
- Hunt Group#: 1
- Type: Sequential
- Pilot Number: 6000
- Secondary Number: 4346000
- Member List: A list of 20 members, with the first four having phone numbers 27401, 27402, 27403, and 27404.
- Final: (empty text field)
- Timeout: 180
- Hops: 2
- Preference: 0
- Preference (Secondary): 7
- E.164 Registration: Both Reg

An 'Add' button is located at the bottom of the configuration area.

#### 4.4 Configure Directory Entries using GUI

In order to configure Directory Entries using CME GUI, perform the following:

1. Log into CME GUI and go to Configure > System Parameters
2. Select Directory Service Tab and configure the following settings



These entries will be saved as directory entries underneath telephony-service.

telephony-service

**directory entry 1 4085551212 name Information**

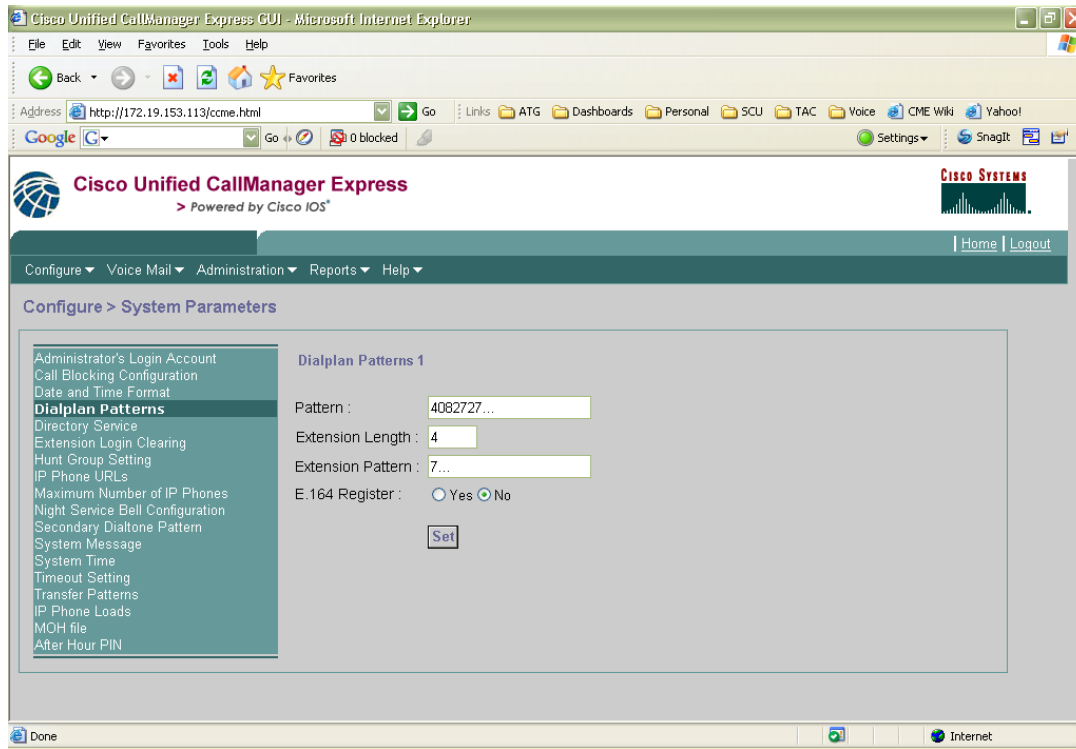
**directory entry 2 4087672676 name Popcorn**

**directory entry 3 18005532447 name TAC Number**

#### 4.5 Configure Dialplan pattern

In order to configure Dialplan pattern using CME GUI, perform the following:

1. Log into CME GUI and go to Configure > System Parameters
2. Select Dialplan pattern Tab and configure the following settings



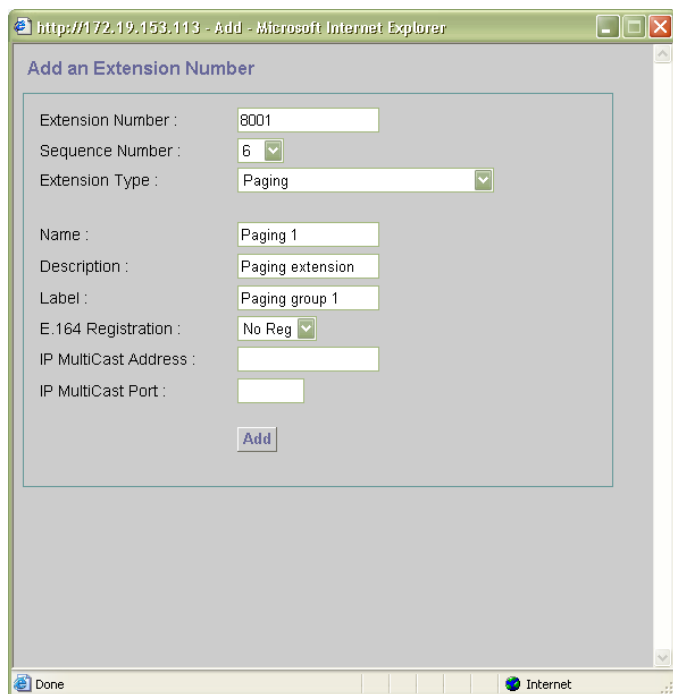
The above configuration will add the following commands in CLI.

```
telephony-service  
dialplan-pattern 1 4082727... extension-length 4 extension-pattern 7... no-reg
```

#### 4.6 Configure Paging Extension

In order to configure a Paging Extension using CME GUI, perform the following:

1. Log into CME GUI and go to Configure > Extensions
2. Choose Add option and configure the following parameters – be sure to set extension type to Paging.



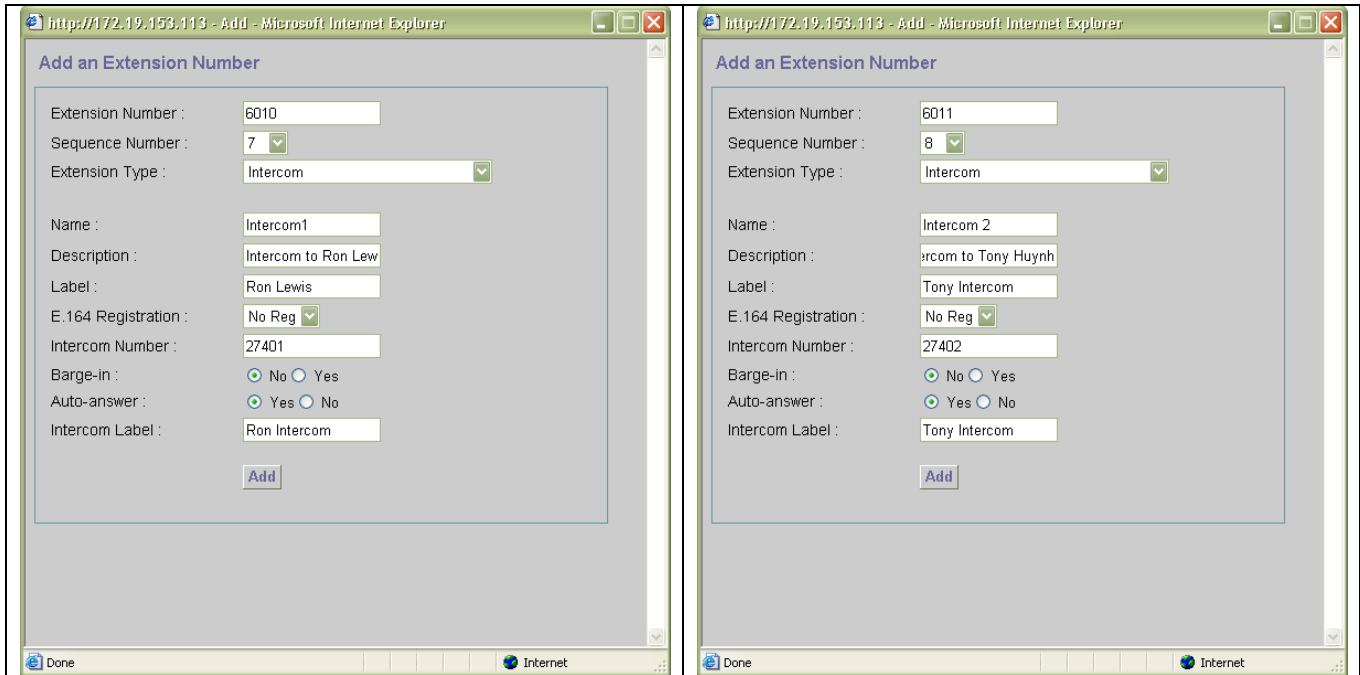
The above configuration will configure the following CLI.

```
ephone-dn 6  
number 8001 no-reg primary  
label Paging group 1  
name Paging 1  
paging
```

#### 4.7 Configure Intercom Extension

In order to configure an Intercom using CME GUI, perform the following:

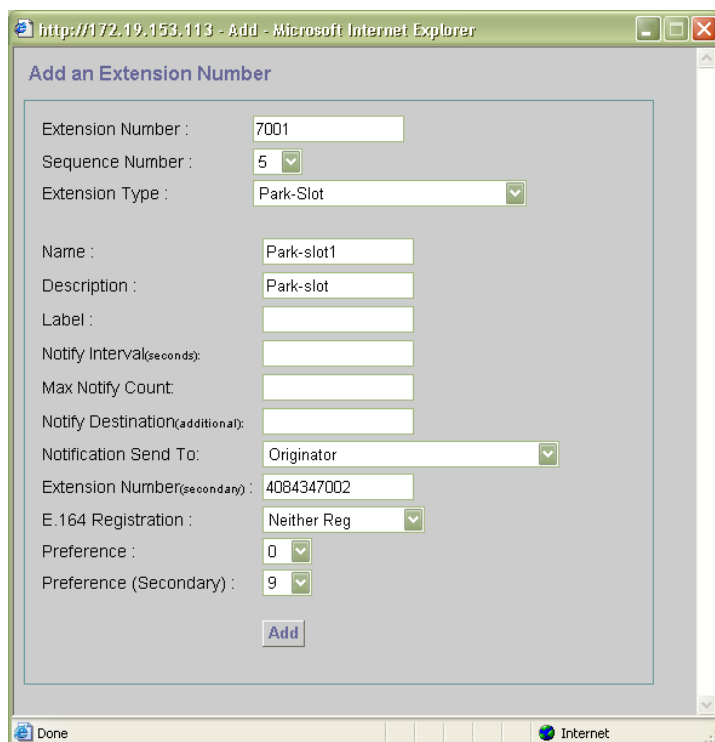
4. Log into CME GUI and go to Configure > Extensions
5. Choose Add and configure the following parameters – be sure to select “Intercom” as extension type



#### 4.8 Configure Call-Park Extension

In order to configure an Extensions using CME GUI, perform the following:

1. Log into CME GUI and go to Configure > Extensions
2. Choose Add extensions and fill out the following fields – be sure to select “Park-Slot” as the extension type



This will create the following config:

```
ephone-dn 5 dual-line
number 7001 secondary 4084347002 no-reg both
park-slot
description Park-slot
name Park-slot1
```

#### 4.9 Configure Parallel Hunt-Group (Call Blast)

Requirement: The Parallel Hunt-Group feature is added to the CME GUI in CME 7.0.1 ( IOS 12.4(22)T ).

The Parallel Hunt-Group feature allows an administrator to configure a hunt-group that rings all members in the list. In order to configure Parallel Hunt-Group, perform the following steps:

1. Log into CME GUI and go to Configure > System Parameters
2. Click on the “Broadcast Hunt Group Setting” option
3. Click on the “Add” button to add a new Parallel Hunt-Group

The screenshot displays the Cisco Unified Communications Manager Express (CME) GUI. At the top left is the Cisco logo and the text "Cisco Unified Communications Manager Express" with a sub-note "> Powered by Cisco IOS®". At the top right is the Cisco logo and the text "Home | Logout". Below this is a navigation bar with "Configure", "Voice Mail", "Administration", "Reports", and "Help" menus. The main content area is titled "Configure > System Parameters". On the left is a sidebar menu with "Broadcast Hunt Group Setting" highlighted. The main configuration area is titled "Add Broadcast Hunt Group" and contains the following fields:

- Voice Hunt Group#: 1 (dropdown)
- Type: Parallel (dropdown)
- Pilot Number: [text input]
- Secondary Number: [text input]
- Member List: A list of 32 numbered rows, each with a corresponding text input field.
- Final: [text input]
- Timeout: 180 (text input)
- Preference: 0 (dropdown)
- Preference (Secondary): 7 (dropdown)
- [Add] button

In the screen above, fill out the appropriate parameters and then click “Add”.