



Cisco Unified CME Graphical User Interface User Guide

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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 |
| 3.0 | June 22, 2009 | Tony Huynh | Adding additional system parameter configurations |

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.

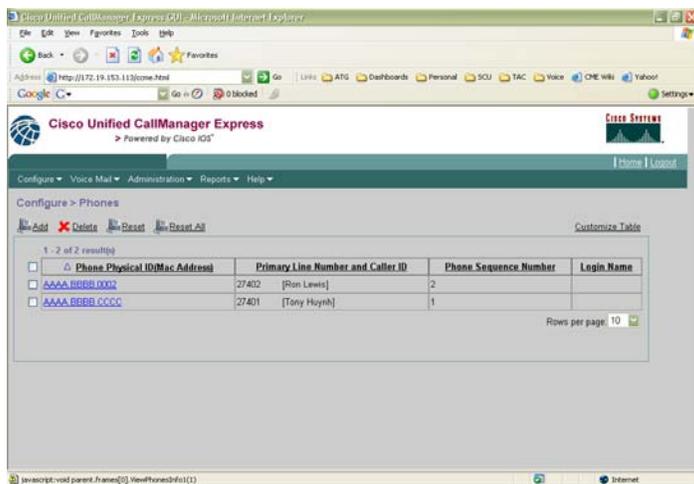
```
config terminal
telephony-service
web system name <NAME> password <PASSWORD>
```

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: | <input type="text" value="4085551212"/> | Label: <input type="text" value="Information Number"/> |
| Speed Dial 2: | <input type="text" value="4087672676"/> | Label: <input type="text" value="Popcom Number"/> |
| Speed Dial 3: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 4: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 5: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 6: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 7: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 8: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 9: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 10: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 11: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 12: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 13: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 14: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 15: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 16: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 17: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 18: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 19: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 20: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 21: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 22: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 23: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 24: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 25: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 26: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 27: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 28: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 29: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 30: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 31: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 32: | <input type="text"/> | Label: <input type="text"/> |
| Speed Dial 33: | <input type="text"/> | Label: <input type="text"/> |

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-wededit
```

If you don't enable "dn-wededit" 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

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.

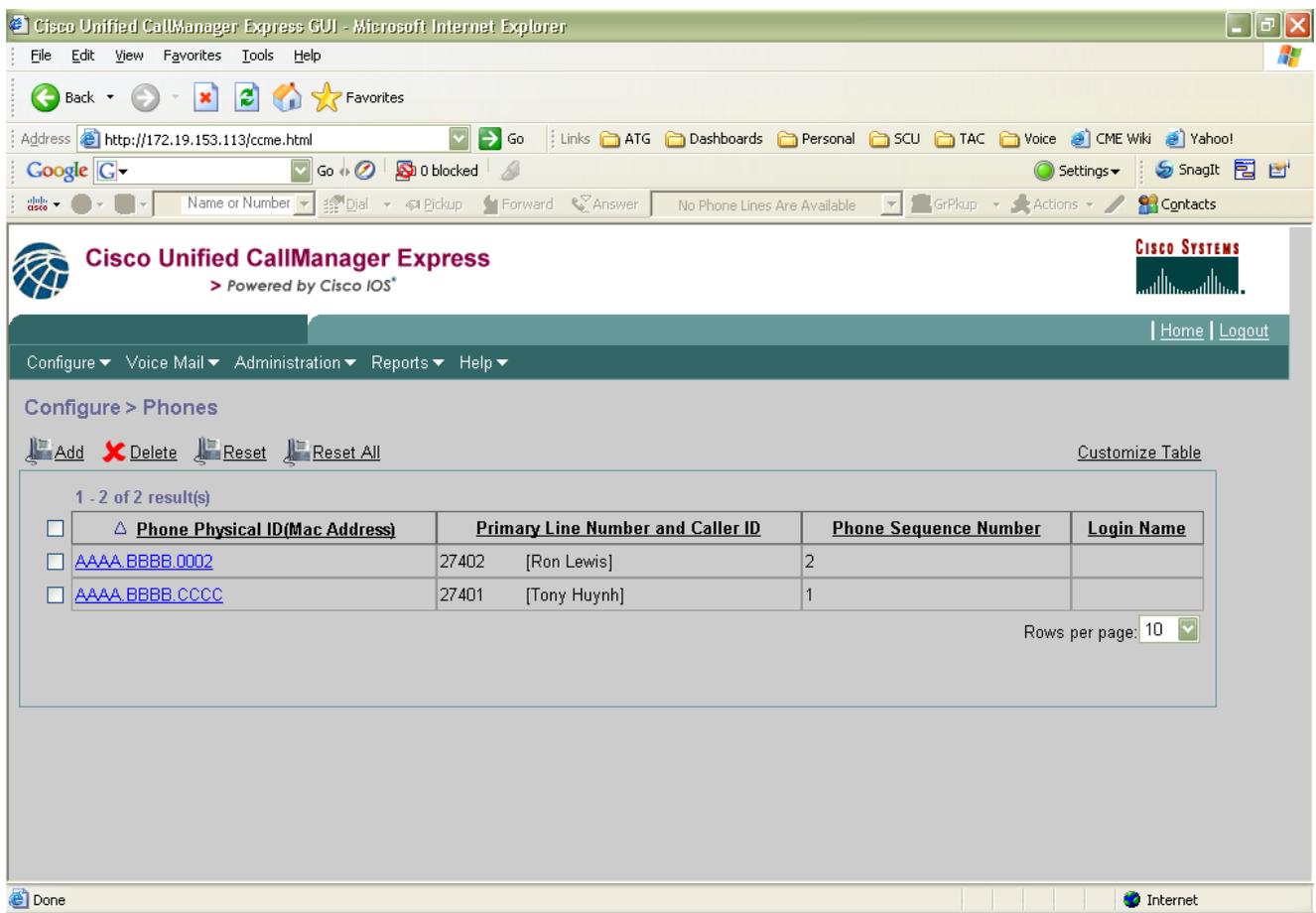
3.3 Configure Ephone

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

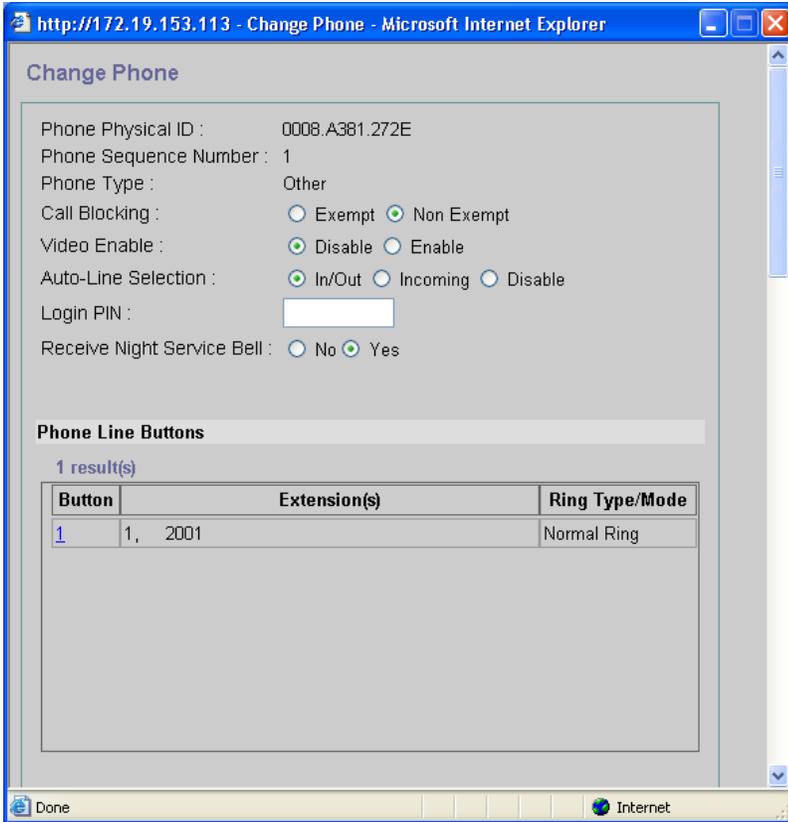
Login Account

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.

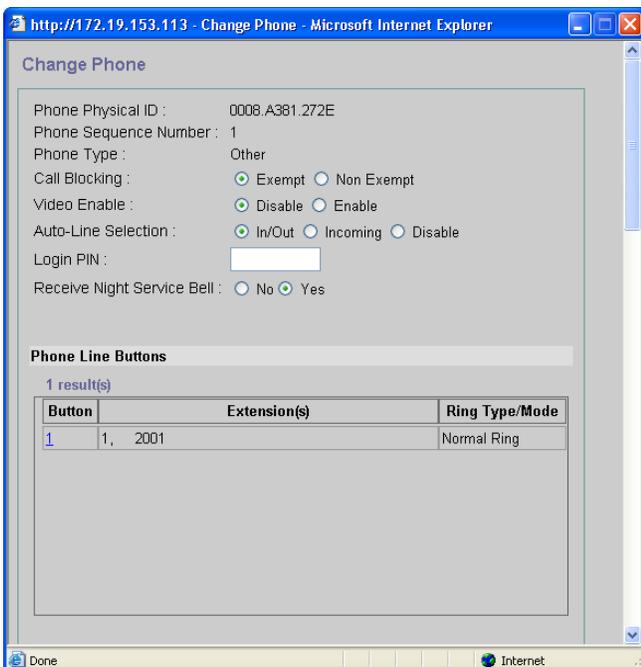
```

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

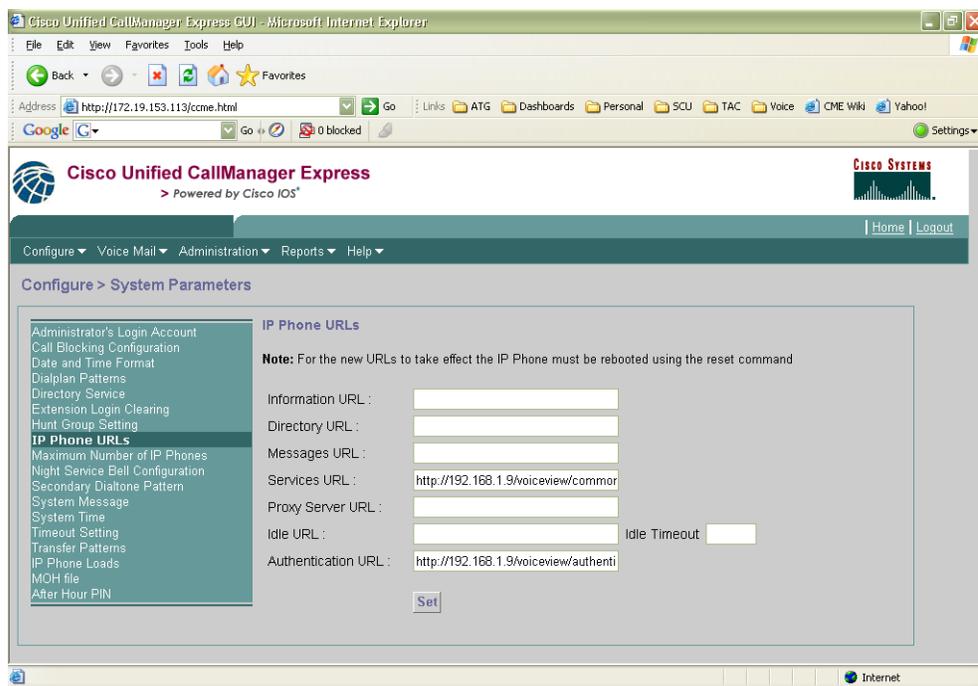
4.1 VoiceView Express URL

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

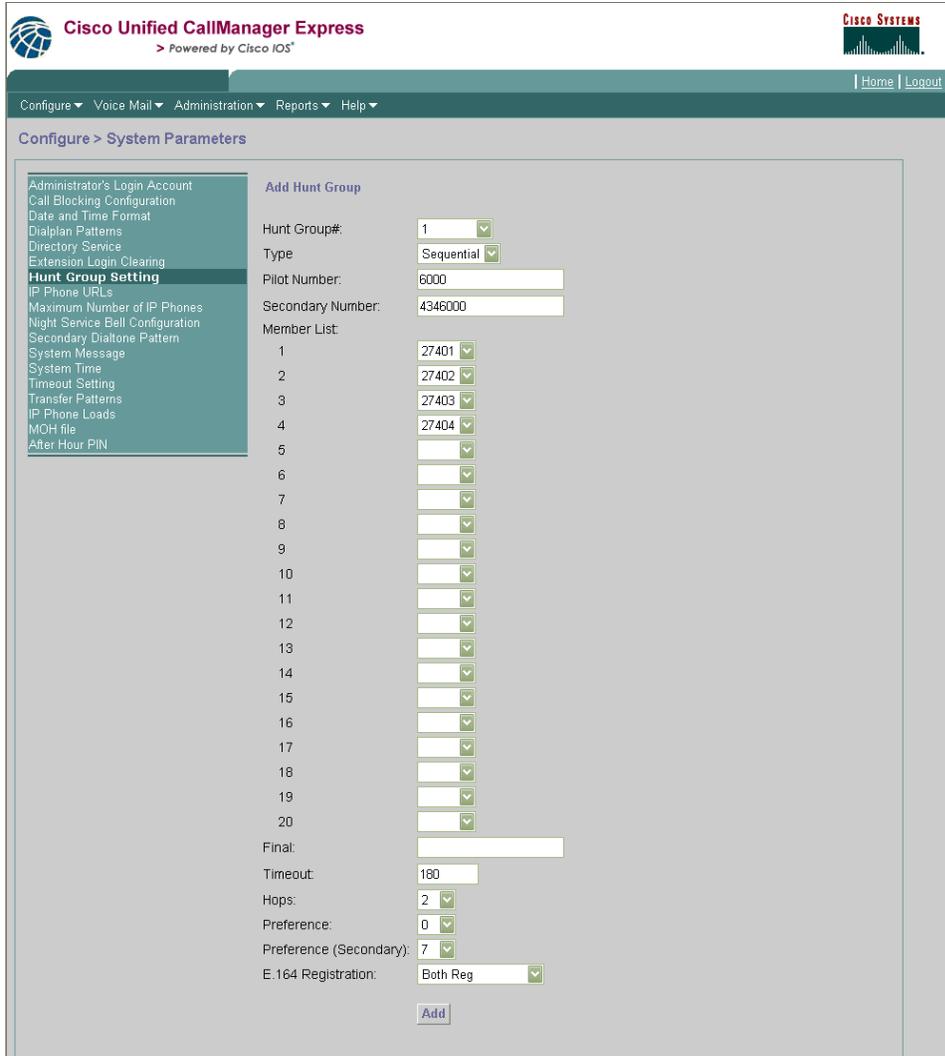
In addition to using CME gui to configure Voiceview Express URL, you can also use it to configure other URL parameters such as:

- 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:

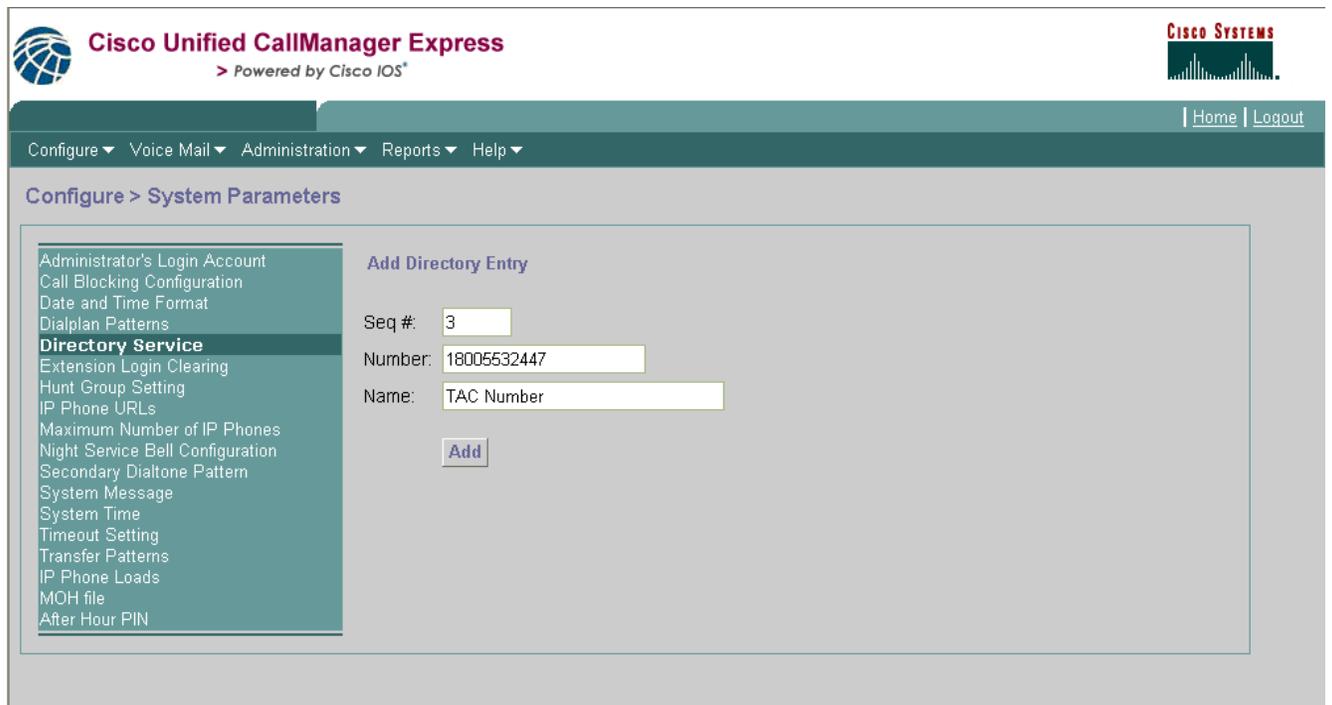
1. Log into CME GUI and go to Configure > System Parameters
2. Select Hunt Group Setting and configure the following fields



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



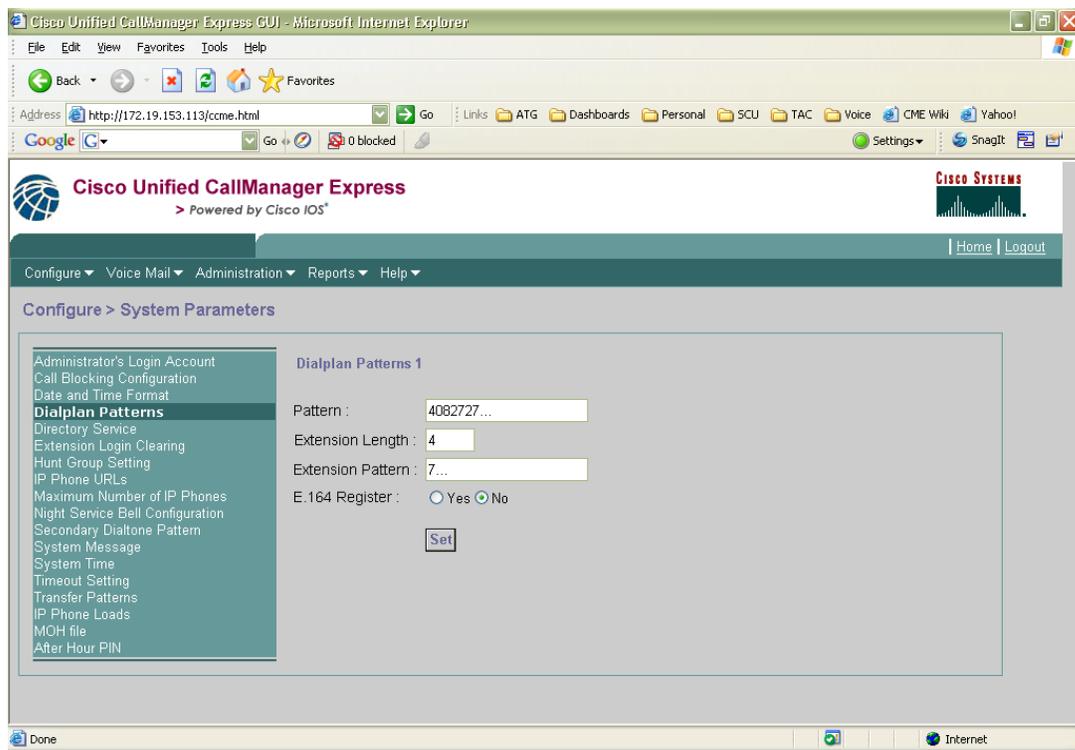
These entries will be saved as directory entries underneath telephony-service.

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



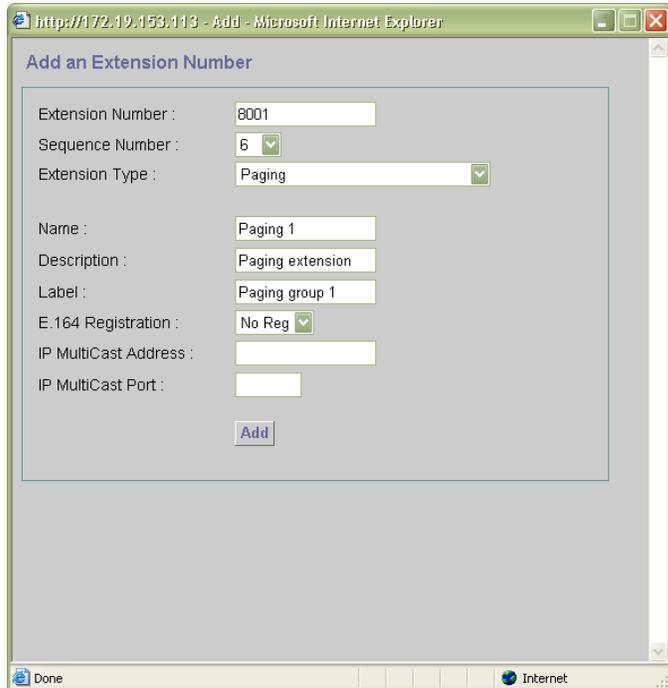
The above configuration will add the following commands in CLI.

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 – set extension type to Paging.



The above configuration will configure the following CLI.

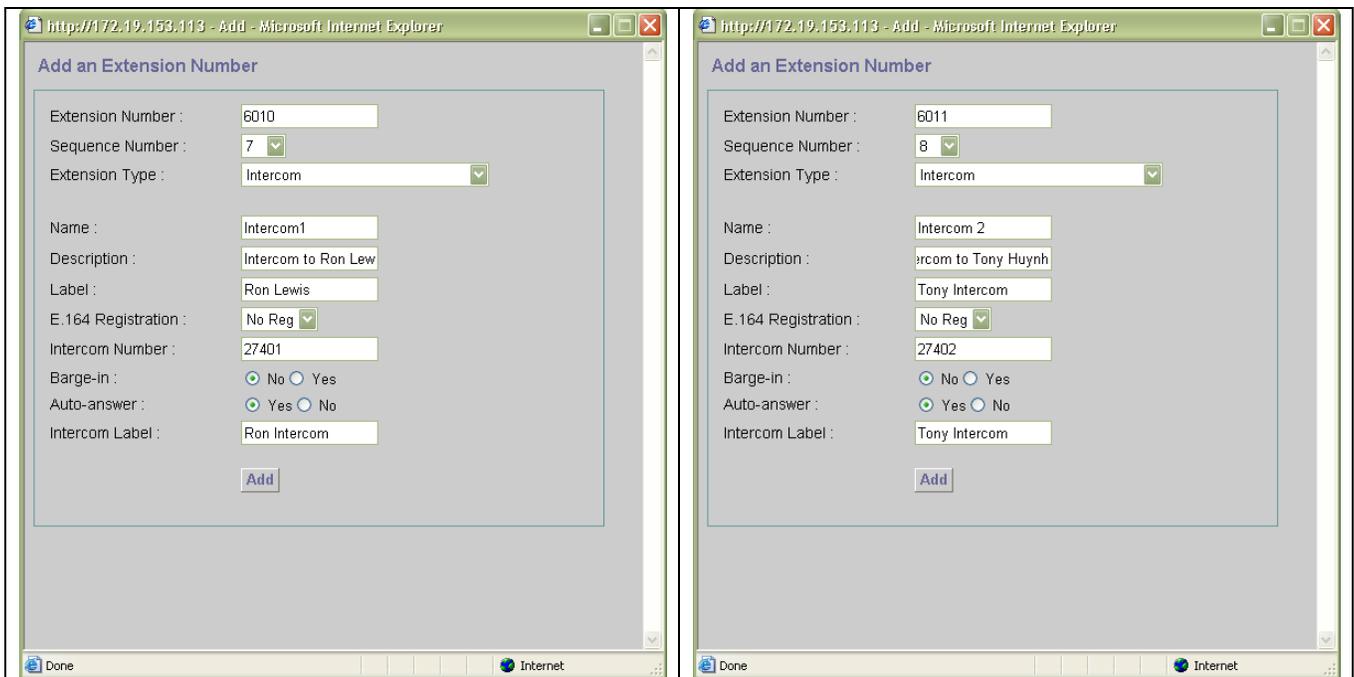
```

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:

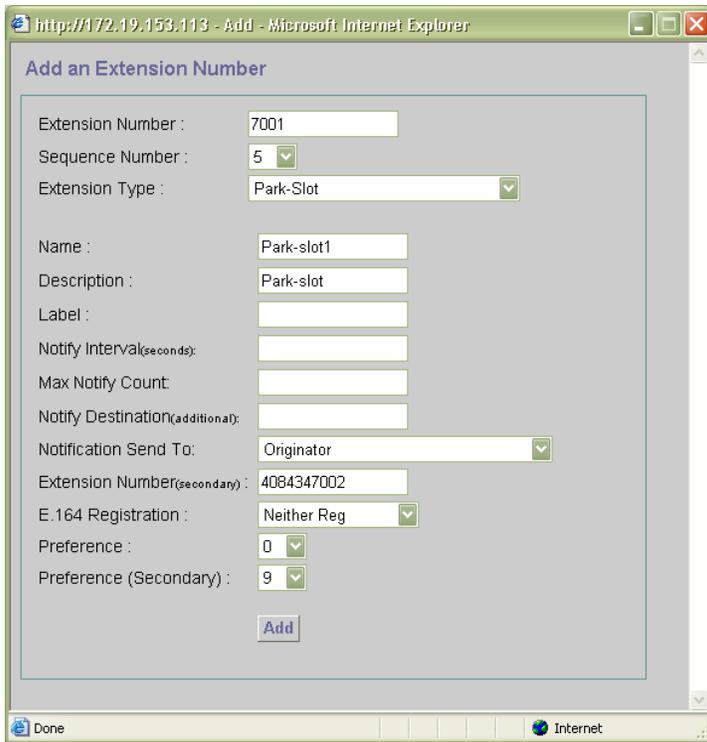
4. Log into CME GUI and go to Configure > Extensions
5. Choose Add and configure the following parameters – be sure to select “Intercom” as extension type



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



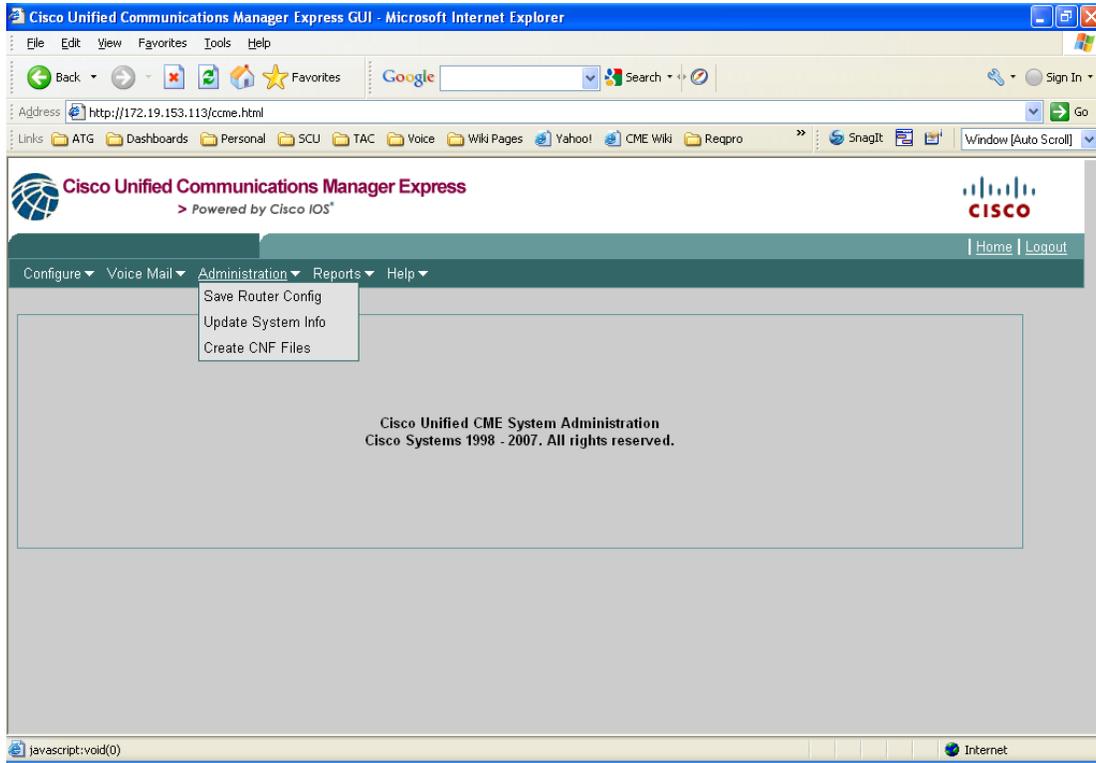
In the screen above, fill out the appropriate parameters and then click “**Add**”.

4.10 Create CNF File

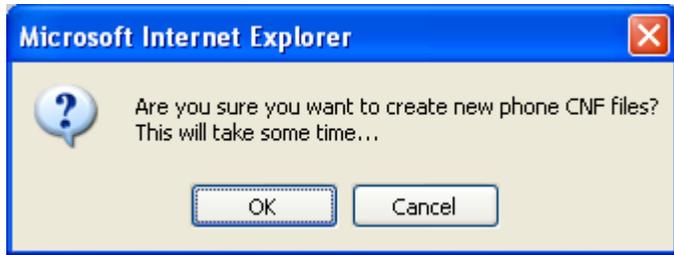
Requirement: The Create CNF File option feature is added to the CME GUI in CME 7.1 (IOS 12.4(24)T – be sure to use “**cme-gui-124-24T.tar**”).

The Create CNF File option allows an administrator to update the CNF configuration files on CME whenever new phones are added. When an administrator adds a new phone to the CME system, they should be sure to update the configuration files by performing “**Create CNF Files**” from the following prompt. In order to update the CNF files, perform the following steps:

1. Log into the CME GUI and configure **Administration > Create CNF Files**



On the following screen, click “OK” to instruct the CME to begin updating the CNF files.

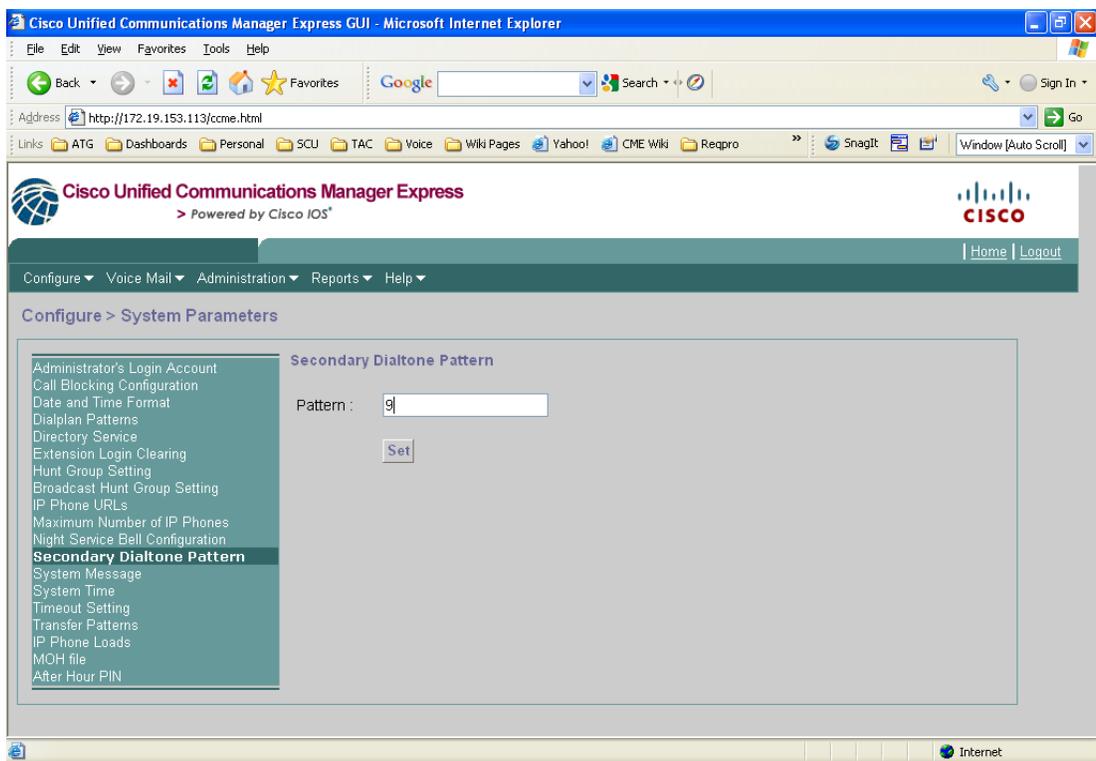


After the system finishes updating the CNF files, reset your newly added phone.

4.11 Configure secondary dial-tone

In order to configure secondary dialtone to be played when users dial outbound, perform the following configuration:

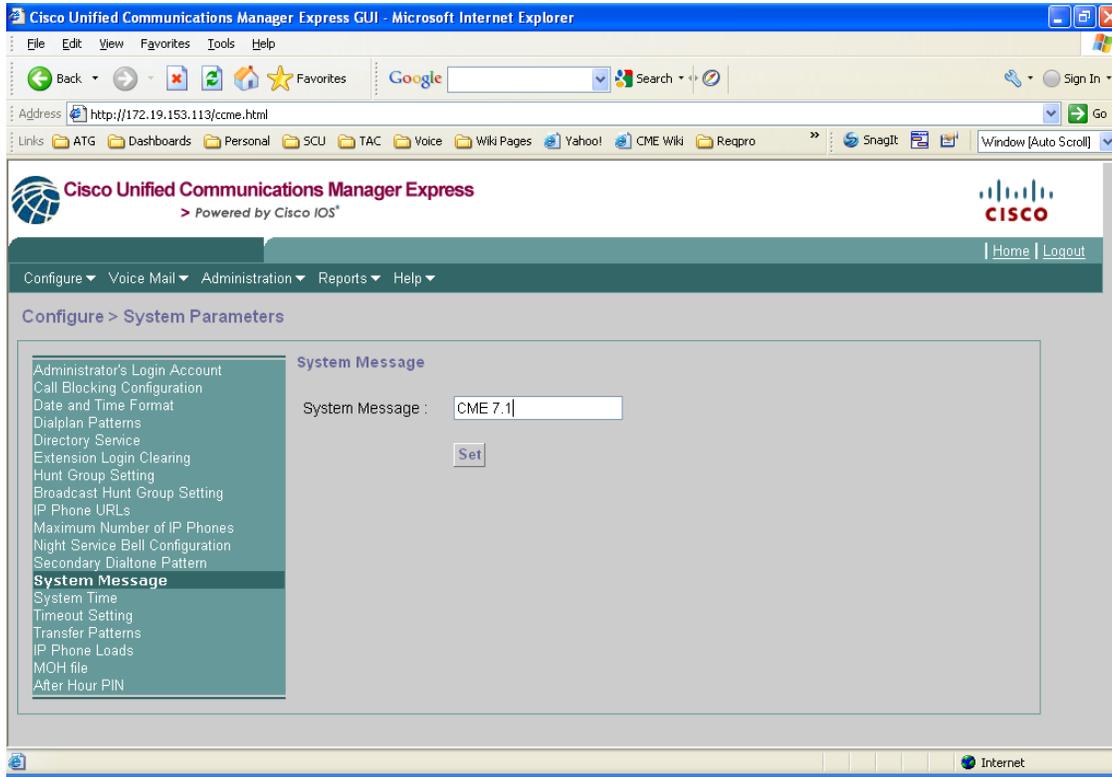
1. Log into the CME GUI and select Configure > System Parameters > Secondary Dialtone Pattern.



4.12 Configure System Message

In order to configure a System Message that will be displayed on the lower display of Cisco IP Phones registered to CME, perform the following steps:

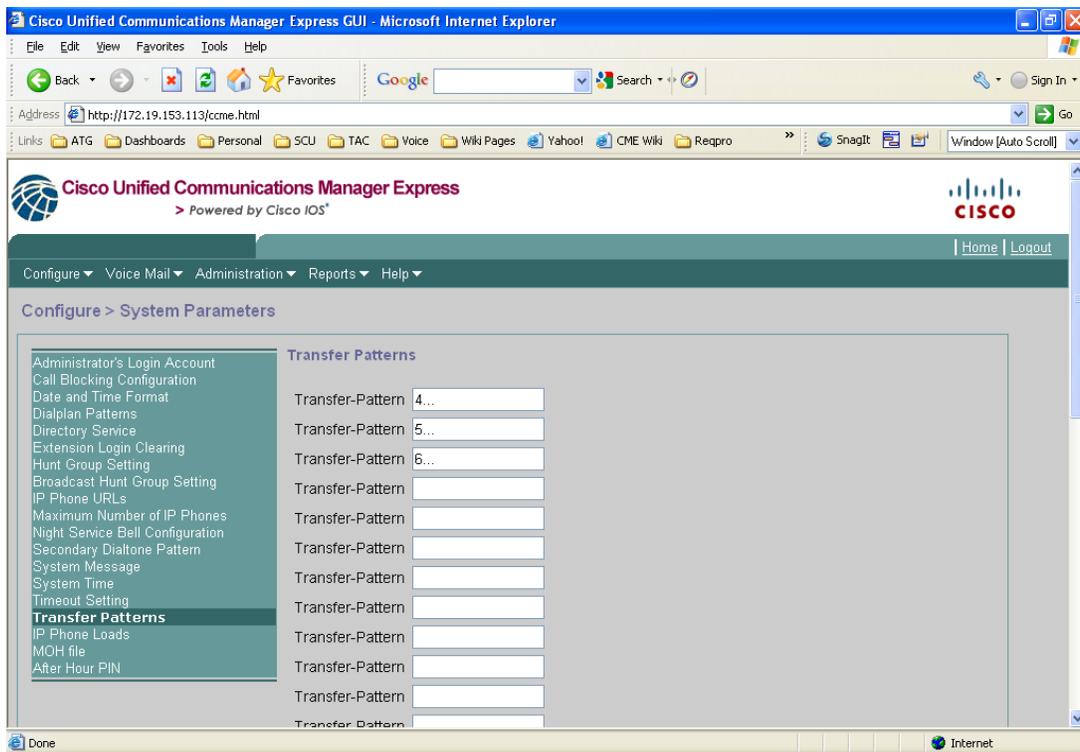
1. Log into the CME GUI and perform Configure > System Parameter > System Message.



4.13 Configure Transfer-Pattern

In order to restrict the transfer-patterns that are allowed on the CME system, perform the following configurations:

1. Log into the CME GUI and perform Configure > System Parameters > Transfer Patterns.



The above configuration restricts transfers performed on the CME system to destinations with patterns (4..., 5..., 6...). Transfers to any other patterns will receive a fast busy tone.

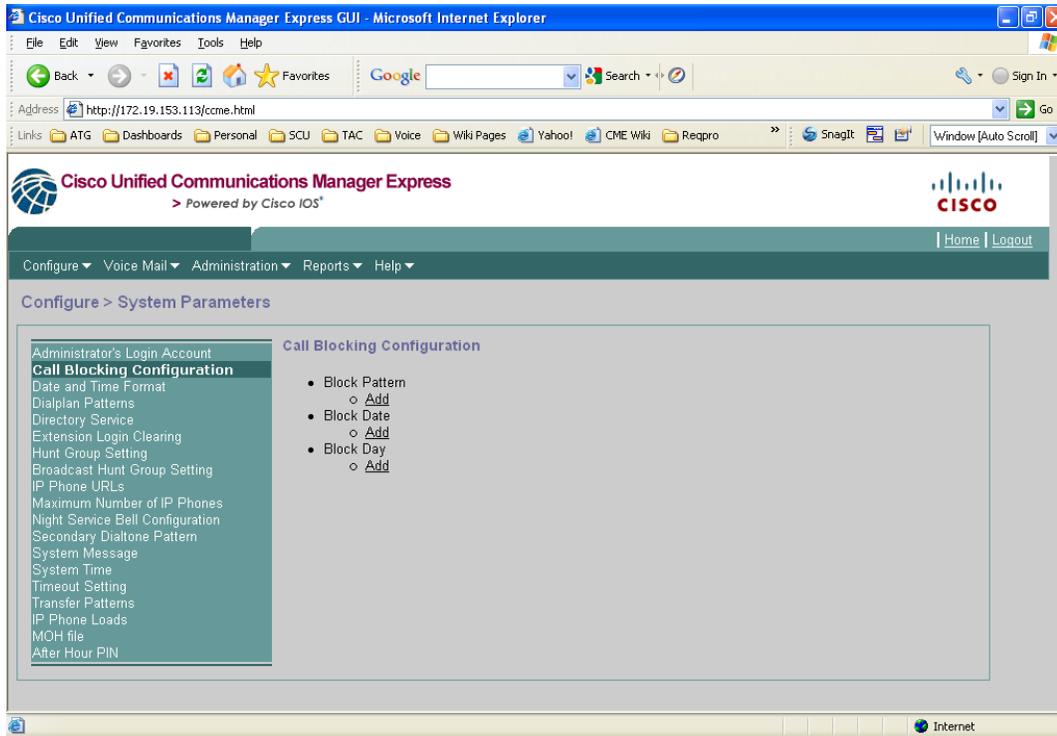
4.14 Configure Call Blocking Configuration

An administrator can use the CME GUI to configure Call Blocking settings. The specific call blocking settings that an administrator can configure are:

- Call blocking pattern
- Call blocking date
- Call blocking day

In order to configure call-blocking settings, perform the following steps:

1. Log into the CME GUI and perform Configure > System Parameters > Call Blocking Parameters.
2. Specify the Call block pattern, call blocking date, call blocking day



4.15 Configure Music-on-Hold (MOH) file

In order to specify the moh file for music on hold, perform the following steps:

1. Log into the CME GUI and perform Configuration > System Parameters > MOH file.
2. Next specify the MOH file that is on your PC.

