

Extension mobility on Tandberg

Extension mobility is supported on Tandberg devices after TC 6.3 software version.

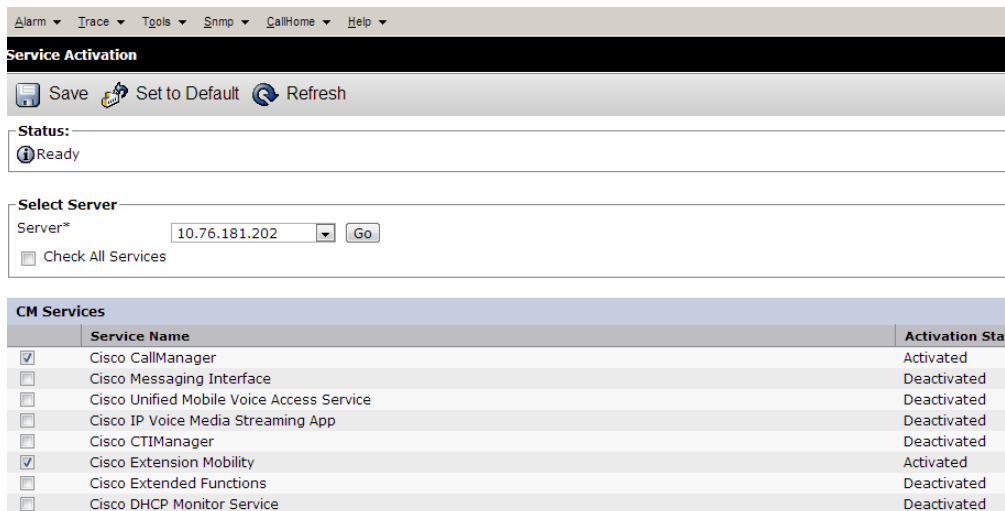
Configurations that need to be done to achieve extension mobility:

- Endpoint should be provisioned on CUCM. Without provisioning, extension mobility feature will not work and there will be no SIGN IN on touch panel.
- Register unit on CUCM.
- Need to activate extension mobility feature on CUCM.
- Need to configure extension mobility service on CUCM.
- Need to modify enterprise parameter's to reflect IP address of CUCM.
- Need to create device profile default for each phone model (no need if device is register correctly).
- Need to create device user profile for user.
- Associate user device profile to user.
- Configure and subscribe endpoint to service.

Tandberg devices are registered and provisioning as per the normal steps.

To verify extension mobility service is running on CUCM :

- From the navigation menu select **Cisco unified callmanager serviceability**.
- Select **Tools>control center- feature services**.
- Make sure that the **cisco extension mobility service** shows status activated.



The screenshot displays the Cisco Service Activation web interface. At the top, there is a navigation menu with options: Alarm, Trace, Tools, Snmp, CallHome, and Help. Below this is a 'Service Activation' header with buttons for Save, Set to Default, and Refresh. The 'Status' section shows 'Ready'. The 'Select Server' section has a dropdown menu set to '10.76.181.202' and a 'Go' button, with a 'Check All Services' checkbox below it. The 'CM Services' table lists various services and their activation status.

	Service Name	Activation Sta
<input checked="" type="checkbox"/>	Cisco CallManager	Activated
<input type="checkbox"/>	Cisco Messaging Interface	Deactivated
<input type="checkbox"/>	Cisco Unified Mobile Voice Access Service	Deactivated
<input type="checkbox"/>	Cisco IP Voice Media Streaming App	Deactivated
<input type="checkbox"/>	Cisco CTIManager	Deactivated
<input checked="" type="checkbox"/>	Cisco Extension Mobility	Activated
<input type="checkbox"/>	Cisco Extended Functions	Deactivated
<input type="checkbox"/>	Cisco DHCP Monitor Service	Deactivated

Configure extension mobility service

- From the navigation menu select **Cisco unified CallManager administration**.
- Select **device>device settings>phone services**.
- Click **add new**.
- In the service name field, type extension mobility.
- In the service description field, type login and logout service.
- In the service URL field, enter the following URL:
 - <http://:8080/emapp/EMAppServlet?device=#DEVICENAME#>
- Click save

IP Phone Services Configuration

Save Delete Update Subscriptions Add New

Status: Ready

Service Information

Service Name* extension mobility

ASCII Service Name* extension mobility

Service Description login and logout

Service URL* http://:8080/emapp/EMAppServlet?device=#DEVICENAME#

Secure-Service URL

Service Category* XML Service

Service Type* Standard IP Phone Service

Service Vendor

Service Version

Enable

Service Parameter Information

Parameters

New Parameter Edit Parameter Delete Parameter

Modify enterprise parameter to reflect IP address of Callmanager

- select system>enterprise parameters
- under phone URL parameters, change all field from CCMNAME:8080 to IPADDR:8080.
- Click **save**
- Click **reset**
- Click **close**

Create a device profile default for each phone model

- Select Device > Device Settings > Default Device Profile
- From the drop down list, select the phone model to be configured, for example, telepresence EX90
- Under Description, enter a description of this profile.
- Under Phone Button Template, select Standard telepresence EX90.
- Click Save

Create Device user profile for a User

- Choose **Device > Device Settings > Device Profile** and click **Add New**.
- From the drop down list, select the phone model to be configured, for example, Telepresence EX90
- Click Next
- Enter a Device Profile Name, for example “Your Name”
- From the Phone Button Template field, select Standard Telepresence EX90.
- Click Save.
- On the left hand side of the screen, click the link Line [1] – Add a new DN.
- Choose a valid DN from your internal dialing plan for the location, enter that DN in the Directory Number field.
- Under Route Partition, select your city’s Headquarters Partition.
- Under Directory Number Settings choose a CSS of appropriate access.
- Enter any Call Forward and Call Pickup Settings as necessary.
- In the Display (Internal Caller ID), enter the User’s name.
- Click Save.
- From the Related Links: menu, select **Subscribe/Unsubscribe Services**.
- In the Select a Service, select **Extension Mobility**, then click Next.
- Click **Subscribe**.
- Click Save.
- Repeat for any additional lines.

Device Profile Configuration

Save Delete Copy Add New

Status: Ready

Association Info

Modify Button Items

1	Line [1] - 4024 (no partition)
----- Unassigned Associated Items -----	
2	Line [2] - Add a new DN

User Device Profile Information

Product Type: Cisco TelePresence EX60
Device Protocol: SIP

Device Profile Name* Amit

Description

User Hold MOH Audio Source < None >

User Locale < None >

Phone Button Template* Standard Cisco TelePresence EX60

Privacy* Default

Always Use Prime Line* Default

Always Use Prime Line for Voice Message* Default

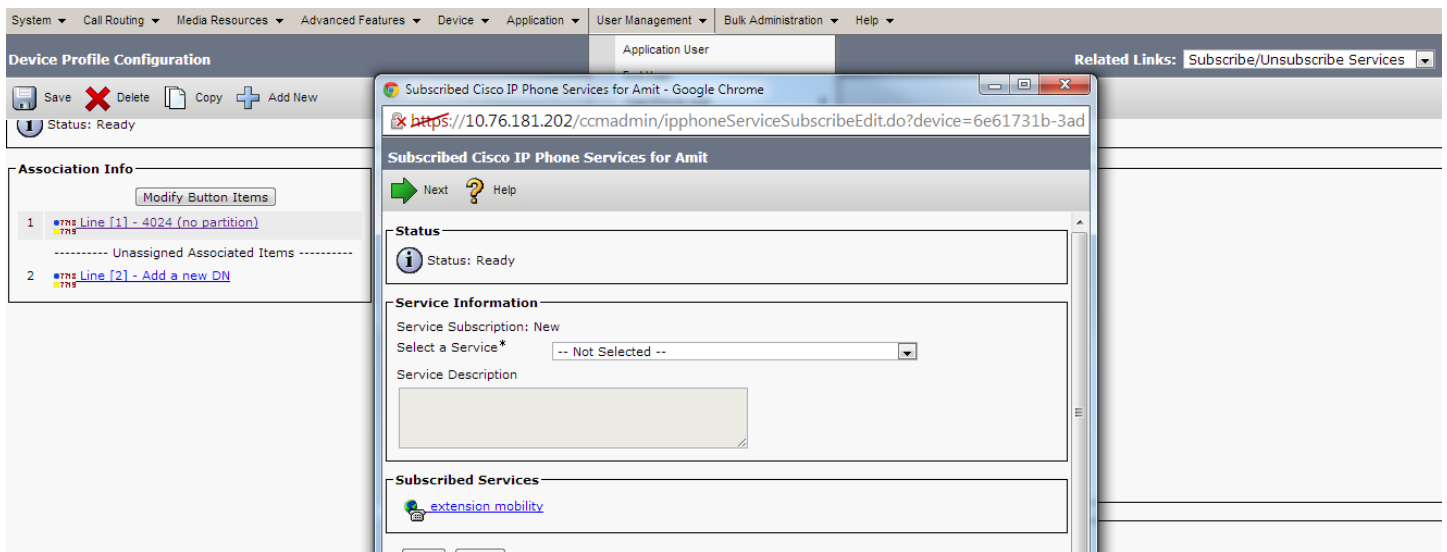
Ignore Presentation Indicators (internal calls only)

Extension Mobility Cross Cluster CSS < None >

Multilevel Precedence and Preemption (MLPP) Information

MLPP Domain < None >

Logged Out (Default) Profile Information



Associate User device profile to a user

- From the menu, select **User Management > End User**.
- Click Find
- Select the user from the list that matches the profile that was created.
- Under **Extension Mobility > Available Profiles**, select the profile and move it to the Controlled Profiles selection.
- Under Default Profile, select the profile.
- Click Save.

End User Configuration

 Save  Delete  Add New

Line Appearance Association

Available Profiles

CTI Controlled Device Profiles Amit

Extension Mobility

Available Profiles

Controlled Profiles Amit

Default Profile Amit

BLF Presence Group* Standard Presence group

SUBSCRIBE Calling Search Space

Configure and subscribe Tandberg EX90 to service

- Select Device > Phone from the menu.
- Select the phone from the list of devices.
- In the Related Links: field, select Subscribe/Unsubscribe Services and click Go
- In the pop-up window, under Service Information, in the Select a Service pull down menu, select Extension Mobility.
- Click Next
- Click Subscribe
- Click Save
- Close the pop-up window.
- Under Extension Information, check the Enable Extension Mobility box.
- Under the Logout Profile field, select – Use Current Device Settings –
- Click Save.
- Click Ok from the pop-up warning.
- Click Reset
- In the pop-up window select Reset.

- Click Close.

The screenshot displays the Cisco Phone Configuration web interface. The main window is titled "Phone Configuration" and includes a navigation menu at the top with options like System, Call Routing, Media Resources, Advanced Features, Device, Application, User Management, Bulk Administration, and Help. Below the menu is a toolbar with icons for Save, Delete, Copy, Reset, Apply Config, and Add New. The main content area is divided into several sections: "Secure Messages URL" and "Secure Services URL" (both empty text boxes); "Extension Information" with a checked "Enable Extension Mobility" box, "Log Out Profile" set to "Amit", and "Log in Time" and "Log out Time" both set to "< None >"; "MLPP Information" with "MLPP Domain" set to "< None >"; and "Product Specific Configuration Layout" with "Room Name (from Exchange(R))" (empty), "Web Access*" set to "Enabled", and "SSH Access*" set to "Enabled". An inset window titled "Subscribed Cisco IP Phone Services for SEP005060052C39" is overlaid on the right. It shows a "Status" section with "Status: Ready" and a "Service Information" section with "Service Subscription: New", "Select a Service*" set to "-- Not Selected --", and a "Service Description" text area. A "Subscribed Services" section at the bottom lists "extension mobility" with a phone icon.

How touch panel will show extension mobility

