# ALM CallManager configuration Manual for CUCM14



Oude Oeverstraat 120-4 6811 JZ Arnhem The Netherlands t: +31(0) 88 1221 800 f: +31(0) 88 1221 899 www.rsconnect.net info@rsconnect.net





# **Configuration manual ALM**

This manual describes the configuration steps to complete the ALM settings for a user.

Only the Cisco <sup>®</sup> Unified Communications Manager (CUCM) part of the installation will be discussed in this manual.

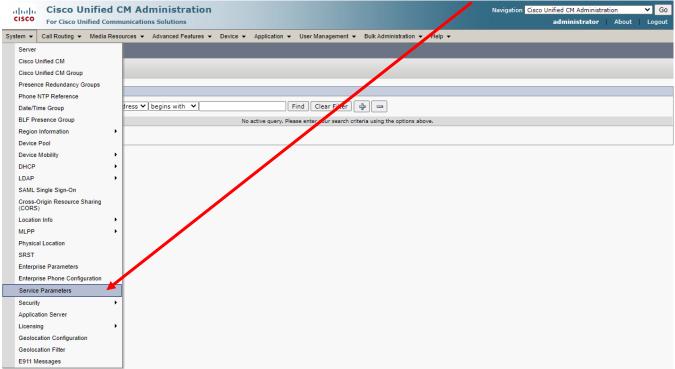
Several steps are required like the configuration of a device/phone and the configuration of a Device Profile and a user.

This manual does not contain instructions on how to configure Partitions, CallingSearchSpaces and other phone and user settings.

#### **System settings**

Log on to the Cisco Unified CM Administration page

• On the CUCM Administration page click on "System" followed by "Service Parameters"





- Select the Publisher / Primary CUCM Server
- Select the Cisco Extension Mobility Service

cisco	Cisco Unified CM Administration For Cisco Unified Communications Solutions			Navigation Cisco Unified CM Administration V Go administrator   About   Logout
System 👻	Call Routing	Devic	✓ Application	
Service Pa	rameter Configuration			
Status	s: Ready	/		
Server* Service*	172.16.162.140CUCM Voice/Video (Active) Not Selected ters Not Selected	<ul> <li>✓</li> <li>✓</li></ul>	the cluster-wide group(s).	
(i) *- inc (i) **Th	Cisco ANC Service (Active) Cisco Bulk Provisioning Service (Active) Cisco Bulk Provisioning Service (Active) Cisco CTIManager (Active) Cisco CTIManager (Active) Cisco CallManager SMMP Service (Active) Cisco Certificate Authority Proxy Function Active) Cisco Certificate Authority Proxy Function Active)	=	No parameter available for this service.	

In the CUCM several Service Parameters for the ExtensionMobility service must be changed.

diada cisco	Cisco Unified CM Administration For Cisco Unified Communications Solutions						Go Gogout
System 👻	Call Routing ▼ Media Resources ▼ Advanced Features ▼	Device - Application -	User Management 👻	Bulk Administration 👻	Help 👻		
Service Pa	arameter Configuration					Related Links: Parameters for All Servers 🛩	Go
Save	🧬 Set to Default 🍳 Advanced						
Status							
i Statu	is: Ready						
Select Se	rver and Service						
Server*	172.16.162.140CUCM Voice/Video (Active)	)					
Service*	Cisco Extension Mobility (Active)	)					
All param	eters apply only to the current server except parameters that	t are in the cluster-wide g	group(s).				
Cisco Ext	ension Mobility (Active) Parameters on server 172.16.	162.140CUCM Voice	/Video (Active)				
							2
Parameter	Name	Parameter Value				Suggested Value	-
Cluster	wide Parameters (Parameters that apply to all servers)	)————					
	Intra-cluster Maximum Login Time_*	False		~		False	
Intra-clu	ister Maximum Login Time_*	0				8:00	
Inter-clu	ster Maximum Login Time_*	10:00				10:00	
		10.00					
Multiple	Login Behavior.*	Auto Logout		~		Multiple Logins Not Allowed	
Alphone				<b>∨</b>		Multiple Logins Not Allowed True	
Alphane		Auto Logout		<ul><li>✓</li><li>✓</li><li>✓</li></ul>	]		
<u>Alphenu</u> <u>Rememb</u>	Login Behavior * meric Vece ID *	Auto Logout				True	
Alphanu Rememb Clear Ca	Login Behavior. * madis User ID. * er the Last User Logged In. *	Auto Logout True False False	r Extension Mobility si	* * *	]	True False	
Alahanu Rememb Clear Ca Headset	Login Behavior.* maris Vest 10.* ter the Last User Logged In.* II Logs on Intra-Cluster EM.*	Auto Logout True False False	r Extension Mobility si	* * *	]	True False False	
Alebana Rememb Clear Ca Headset Auto log	Login Behavior.* maris User ID.* er the Last User Logged In.* II Logs on Intra-Cluster EM.* -based Extension Mobility.*	Auto Logout Toc False False Allow headset for	r Extension Mobility si	* * *	]	True False False Allow headset for Extension Mobility sign in and sign out	
Alabama Rememb Clear Ca Headset Auto log PIN entr	Login Behavior.* maris Veser ID.* eer the Last User Logged In.* II Logs on Intra-Cluster EM.* -based Extension Mobility.* out timer after headset disconnect (minutes).*	Auto Logout True False False Allow headset for 5	r Extension Mobility si	y gn in and sign ou y	]	True False False Allow headset for Extension Mobility sign in and sign out S	
Alebanu Rememb Clear Ca Headset: Auto log PIN entr Auto log	Login Behavior.* maris Veser ID_* Her the Last User Logged In * Il Logs on Intra-Cluster EM_* -based Extension Mobility_* out timer after headset disconnect (minutes)_* y for headset-based sign in_*	Auto Logout Trac False False Allow headset for S Required 30		y gn in and sign ou y	]	True False False Allow headset for Extension Mobility sign in and sign out 5 Required	
Alabaan Rememb Clear Ca Headset Auto log PIN entr Auto log There ar	Login Behavior * made User ID.* er the Last User Logged In.* II Logs on Intra-Cluster EM * -based Extension Mobility. * out timer after headset disconnect (minutes).* v for headset-based sign in.* in timer after headset connect (seconds).*	Auto Logout Trac False False Allow headset for S Required 30		y gn in and sign ou y		True False False Allow headset for Extension Mobility sign in and sign out 5 Required	

(i) \*\*The Set-to-Default button restores all parameters that have been modified to their original default values.

One of the required settings is the "Intra-Cluster Multiple Login Behaviour". This will control the procedure of the login request.

The required setting is "Auto Logout". This feature will automatically logout or disconnect a user if he/she is already logged into another IP Phone.



So this setting will automatically logoff a user if he/she is already logged on at another extension.

All the other settings may be changed depending on the situation.

# Service settings

Verify the Cisco Extension Mobility Service is activated on <u>all</u> CallManager Servers.

aha	Cisco Unified Serviceability	Navigation Cisco Unified Serviceability 💙 Go
cise	• For Cisco Unified Communications Solutions	administrator About Logout
Alarm -	▼ Trace ▼ Tools ▼ Snmp ▼ CallHome ▼ Help ▼	administrator About Logout
-		
Service	Activation	Related Links: Control Center - Feature Services 💙 Go
🔒 S	ave 🧬 Set to Default 🔇 Refresh	
Statu	5	
(i) Rea	adv	
Color	t Server	
Server	** 172.16.162.140CUCM Voice/Video 🖌 Go	
🗌 Ch	eck All Services	
CM Se	rvices	
CM Se	ervices Service Name	Activation Status
CM Se		Activation Status Activated
	Service Name	
	Service Name Cisco CallManager	Activated
<ul> <li></li> <li></li></ul>	Service Name Cisco CallManager Cisco Unified Mobile Voice Access Service	Activated Activated
	Service Name Cisco CallManager Cisco Unified Mobile Voice Access Service Cisco IP Voice Media Streaming App	Activated Activated Activated
<b>V</b> <b>V</b> <b>V</b> <b>V</b>	Service Name Cisco CallManager Cisco Unified Mobile Voice Access Service Cisco IP Voice Media Streaming App Cisco CTIManager	Activated Activated Activated Activated
	Service Name Cisco CallManager Cisco Unified Mobile Voice Access Service Cisco IP Voice Media Streaming App Cisco CTIManager Cisco Extension Mobility	Activated Activated Activated Activated Activated
	Service Name Cisco CallManager Cisco Unified Mobile Voice Access Service Cisco IP Voice Media Streaming App Cisco CTIManager Cisco Ctrension Mobility Cisco Extension Mobility Cisco Extended Functions	Activated Activated Activated Activated Activated Activated
	Service Name Cisco CallManager Cisco Unified Mobile Voice Access Service Cisco IP Voice Media Streaming App Cisco CTIManager Cisco Extended Functions Cisco DHCP Monitor Service	Activated Activated Activated Activated Activated Activated Activated
	Service Name           Cisco CallManager           Cisco Unified Mobile Voice Access Service           Cisco IP Voice Media Streaming App           Cisco IZManager           Cisco Extension Mobility           Cisco Extended Functions           Cisco IHCP Monitor Service           Cisco Intercluster Lookup Service	Activated Activated Activated Activated Activated Activated Activated Activated
	Service Name Cisco CallManager Cisco CallManager Cisco Unified Mobile Voice Access Service Cisco IP Voice Media Streaming App Cisco CIIManager Cisco Extension Mobility Cisco Extension Mobility Cisco DHCP Monitor Service Cisco Intercluster Lookup Service Cisco Location Bandwidth Manager	Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated
	Service Name           Cisco CallManager           Cisco Unified Mobile Voice Access Service           Cisco IV Voice Media Streaming App           Cisco CIManager           Cisco Citanager           Cisco Extension Mobility           Cisco Extension Mobility           Cisco INterCluster Lookup Service           Cisco Intercluster Lookup Service           Cisco Directory Number Alias Sync	Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated
	Service Name           Cisco CallManager           Cisco Unified Mobile Voice Access Service           Cisco IP Voice Media Streaming App           Cisco CTIManager           Cisco CTIManager           Cisco Ctreation Mobility           Cisco Extended Functions           Cisco Intercluster Lookup Service           Cisco Location Bandwidth Manager           Cisco Directory Number Alias Sync           Cisco Directory Number Alias Lookup	Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated
	Service Name           Cisco CallManager           Cisco Unified Mobile Voice Access Service           Cisco IP Voice Media Streaming App           Cisco CTIManager           Cisco Extension Mobility           Cisco CTIManager           Cisco DTOP Voice Media Streaming App           Cisco Extension Mobility           Cisco DTOP Monitor Service           Cisco DHCP Monitor Service           Cisco Intercluster Lookup Service           Cisco Directory Number Alias Sync           Cisco Headset Service           Cisco Headset Service	Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated
	Service Name           Cisco CallManager           Cisco Unified Mobile Voice Access Service           Cisco IP Voice Media Streaming App           Cisco CTIManager           Cisco CTIManager           Cisco CTIMenager           Cisco Extension Mobility           Cisco Directory Number Alias Sync           Cisco Directory Number Alias Lookup           Cisco Directory Number Alias Lookup           Cisco Device Activation Service	Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated Activated



#### Verify the Cisco Extension Mobility Service is running on <u>all</u> CallManager Servers.

4 Se	ervices				
	Service Name	Status	Activation Status	Start Time	Up Time
0	Cisco CallManager	Started	Activated	Mon Jul 5 10:48:28 2021	0 days 10:56:20
0	Cisco Unified Mobile Voice Access Service	Started	Activated	Mon Jul 5 10:52:41 2021	0 days 10:52:07
0	Cisco IP Voice Media Streaming App	Started	Activated	Mon Jul 5 10:48:29 2021	0 days 10:56:19
0	Cisco CTIManager	Started	Activated	Mon Jul 5 10:48:33 2021	0 days 10:56:15
0	Cisco Extension Mobility	Started	Activated	Mon Jul 5 10:52:34 2021	0 days 10:52:14
0	Cisco DHCP Monitor Service	Started	Activated	Mon Jul 5 10.48.40 2021	0 days 10.30.02
0	Cisco Intercluster Lookup Service	Started	Activated	Mon Jul 5 10:48:47 2021	0 days 10:56:01
0	Cisco Location Bandwidth Manager	Started	Activated	Mon Jul 5 10:48:27 2021	0 days 10:56:21
0	Cisco Directory Number Alias Sync	Started	Activated	Mon Jul 5 10:48:51 2021	0 days 10:55:57
0	Cisco Directory Number Alias Lookup	Started	Activated	Mon Jul 5 10:52:41 2021	0 days 10:52:07
0	Cisco Headset Service	Started	Activated	Mon Jul 5 10:52:41 2021	0 days 10:52:07
0	Cisco Device Activation Service	Started	Activated	Mon Jul 5 10:52:41 2021	0 days 10:52:07
0	Cisco Dialed Number Analyzer Server	Started	Activated	Mon Jul 5 10:48:53 2021	0 days 10:55:55
0	Cisco Dialed Number Analyzer	Started	Activated	Mon Jul 5 10:52:41 2021	0 days 10:52:07
0	Cisco Tftp	Started	Activated	Mon Jul 5 10:48:57 2021	0 days 10:55:51



### **Device settings**

The following settings are a required field on every phone or device:

- 1) Description: Administrative field to identify each phone in the system
- 2) Enable Extension Mobility Feature: to activate the possibility to logon to this specific phone
- 3) **PC Voice VLAN Access:** is a required field and must always be enabled. This field enables the ALM to detect the phone.
- 4) Web Access Enabled: is a required field and must always be enabled.
- 5) Optional the Extension Mobility (XML) service can be activated on the phone, when the ALM application does not start or does not exists on the PC a user can always login manually on the phone.

cisco	Cisco Unified CM Administra For Cisco Unified Communications Solutions	ation	administ	Navigation Cisco Unified CM Administration 🗸	G0 gout
System 👻	Call Routing - Media Resources - Advanced Fe	atures 👻 Device 👻 Application 👻 User Mar	nagement 👻 Bulk Administration 👻 Help 👻		
Phone Co	nfiguration		Related Links: B	ack To Find/List 🗸 🗸	Go
Save	🗙 Delete 📋 Copy 資 Reset 🧷 Apply	Config 🔓 Add New			
_Status					_^
(i) Add	successful				
Associat		Phone Type			٦
1 77	Modify Button Items	Device Protocol: SIP			
2 77	Line [2] - Add a new DN	Real-time Device Status			7
3 🖓	and Add a new SD	Registration: Unknown IPv4 Address: None			
4 😋	Add a new SD		<b>_</b>		
5 😋	Add a new SD	Device Information			
6 🖓	Add a new SD	Device is Active			
	Unassigned Associated Items	MAC Address*	AB010F020F33		
7 🖓	Add a new SD	Description	Auto 1001		
8 All	I Calls	Device Pool*	Default		
9 .77	Add a new BLF Directed Call Park	Common Device Configuration	< None >	✓ <u>View Details</u> ✓ View Details	
10 Ca	all Park	Phone Button Template*	Standard 9971 SIP		

- Extension In	formation		
🗹 Enable Exte	· · · · · · · · · · · · · · · · · · ·		
Log Out Profile	Use Current Device Settings	<b>~</b>	2
Log in Time	< None >		<b>∠</b> .
Log out Time	< None >		

Product Specific Confi	iguration Layout		
?			
Disable Speakerphor	ne		
Disable Speakerphor	ne and Headset		
PC Port *	Enabled	~	
Settings Access*	Enabled	~	
Gratuitous ARP*	Enabled	~	
PC Voice VLAN Access*	Enabled	~	3.
Video Capabilities*	Disabled	~	
Auto Line Select*	Disabled	~	
Web Access*	Enabled	~	4.



Subscribed Cisco IP Phone S	Services for SEP001A2F8DFA32
🗐 Save 🢡 Help	
- Status	
Add successful	
Service Subscription: Extension	n Mobility
Service Name*	Extension Mobility
ASCII Service Name*	Extension Mobility <b>5</b>
Subscribe a New Service	
Extension Mobility	
- Unsubscribe Delete	
(i) *- indicates required item	n.

#### Line settings

Every phone requires a line to place and accept calls. This is not a required field for the ALM to function correctly.

	ed CM Administration			Naviga	tion Cisco Unified CM Adm	ninistration 👻 G	0
For Cisco Unified	Communications Solutions			administrator	Search Documentation	About Logo	but
System 👻 Call Routing 👻 Media	Resources - Advanced Features - Device -	Application -	User Management 👻 Bulk Administration 👻	Help 👻			
Directory Number Configura	tion		Rela	ted Links: Conf	gure Device (SEP001C58	BA2D8E1) 👻 G	0
Save 🗶 Delete 睯 Res	set 🥖 Apply Config 井 Add New						
Status							
(i) Status: Ready							
Directory Number Informati	ion						-
Directory Number* 10	02		Urgent Priority				ľ
Route Partition <	None >	-					
Description							
Alerting Name							
ASCII Alerting Name							
External Call Control Profile <	None >	•					
Allow Control of Device from	n CTI						
Associated Devices SE	EP001C58A2D8E1	*		4			
			Edit Device				L
			Edit Line Appearance				L
	~^	*					L
Dissociate Devices	*^						
Sibbolite Series							
		*					
Directory Number Settings-							7
Voice Mail Profile	< None >	<b>~</b> (0	Choose <none> to use system default)</none>				
Calling Search Space	< None >	-					
BLF Presence Group*	Standard Presence group	•					
User Hold MOH Audio Source	< None >	-					
Network Hold MOH Audio Sourc	e < None >	•					
Auto Answer*	Auto Answer Off	•					
Reject Anonymous Calls							



	CM Administration	Navigation Cisco Unified CM Administration
CISCO For Cisco Unified Con	munications Solutions	administrator About Log
System 👻 Call Routing 👻 Media Re	sources ▼ Advanced Features ▼ Device ▼ Application ▼ User Managemen	t 🔻 Bulk Administration 👻 Help 👻
Directory Number Configuration		Related Links: Configure Device (SEP0007EB6442EF) 🗸
🔜 Save 🗙 Delete	Apply Config 🕞 Add New	
Confidential Access Mode	< None >	
Confidential Access Level	< None > V	
Call Control Agent Profile	< None >	
Line Settings for All Devices		
Hold Reversion Ring Duration (seco	nds)	Setting the Hold Reversion Ring Duration to zero will disable the feature
Hold Reversion Notification Interva	(seconds)	Setting the Hold Reversion Notification Interval to zero will disable the feature
Party Entrance Tone*	Default 🗸	
Line 1 on Device SEP0007EB644	2EF	
Display (Caller ID)	Display te	ext for a line appearance is intended for displaying text such as a name instead of a directory number
	for calls. If you specify a number, the person receiving a call may not see the	
ASCII Display (Caller ID)		
Line Text Label	Please Login 2	
External Phone Number Mask		
Visual Message Waiting Indicator Policy*	Use System Policy	
Ring Setting (Phone Idle)*	Use System Default	
Ring Setting (Phone Active)	Use System Default	vhen any line on the phone has a call in progress.
Call Pickup Group Audio Alert Setting(Phone Idle)	Use System Default	
Call Pickup Group Audio Alert Setting(Phone Active)	Use System Default	
Monitoring Calling Search Space	< None > V	
Multiple Call/Call Waiting Settin	gs on Device SEP0007EB6442EF	
Note:The range to select the Max N	umber of calls is: 1-200	
Maximum Number of Calls*	4	
Busy Trigger*	2	(Less than or equal to Max. Calls)

The "Line Text Label" field is the text which is displayed on the phone to identify a phone or a user. Because the phone in this example is only an internal phone and can only be used in combination with ExtensionMobility and ALM.

Using an internal Partition and CallingSearchSpaces the phone can be restricted to only dial internal numbers. This will prevent unauthorized usage of the phone if no user has logged on. This way the costs can be reduced.



# **Device profile**

A User Device Profile is the profile which will be loaded on the phone when a user logs in using ALM. The settings which were previously configured on the phone will not be available anymore.

• Optional the Extension Mobility IP Phone service can be activated on the phone, when the ALM application does start on the PC a user can always login manually on the phone.

cis				Navigat	ion Cisco Unified CM Administration 💌 🕻	<u>io</u>
	For Cisco Unified Communications Solut	ions			ccmadministrator   About   Logo	it
System		Device - Application - User	Management 👻 Bulk Administration 👻	Help 👻		
Device	e Profile Configuration		Related Lin	ks: Back To Find/L	ist 💌 G	io
🔒 s	ave 🗙 Delete 📋 Copy ᆛ Add New					
— Stat						^
-	us Status: Ready					
0	,					
- Asso	ociation Info		rmation			
	Modify Button Items	Product Type:	Cisco 7960			
1	Line [1] - 4312 (no partition)	Device Protocol: Device Profile Name*	SCCP			
_			Device Profile - ALM user1			
2	Line [2] - Add a new DN	Description	Device Profile - ALM user1			
3	Ca Add a new SD	User Hold MOH Audio Source	< None >	~		=
4	Ca Add a new SD	User Locale	< None >	~		
5	Can Add a new SD	Phone Button Template*	Standard 7960 SCCP	~		
6	Car Add a new SD	Softkey Template	< None >	~		
0	<u> </u>	Privacy*	Default	~		
	Unassigned Associated Items	Join Across Lines	Default	~		
7	Ca Add a new SD	Ignore Presentation Indic	ators (internal calls only)			
8	Add a new SURL	Do Not Disturb	ators (internal cans only)			
9	Add a new BLF SD	DND Incoming Call Alert	< None >	~		
10	TT Add a new BLF Directed Call Park		< None >	•		
		- Expansion Module Inform	nation			
11	Privacy	Module1 < None >				
12	None	Module2 < None >				

# **Device profile directory number settings**

The Directory Number Configuration will be loaded on the specific phone when a user logs on.

	ied CM Administration				Navig	ation Cisco Unified CM A	dministration	👻 Go
CISCO For Cisco Unifie	ed Communications Solutions				administrator	Search Documentation	n   About	Logout
System 🔻 Call Routing 👻 Media	a Resources 🔻 Advanced Features 👻 Device 👻	Application -	User Management 👻	Bulk Administration				
Directory Number Configur	ation				Related Li	nks: Configure Device	(alm.user1)	✓ Go
🔚 Save 🗙 Delete 省 R	leset 🧷 Apply Config 🕂 Add New							
-Status								ŕ
i Status: Ready								
-Directory Number Informa	tion							
Directory Number*	3001		Urgent Priority					
Route Partition	< None >	•						
Description	Device Profile - user1							
Alerting Name	user1							
ASCII Alerting Name	user1							
External Call Control Profile	< None >	-						
Allow Control of Device fro	m CTI							
Associated Devices	alm.user1	*	Edit Device					
			Edit Line Appe	arance				
L	**	Ŧ						
Dissociate Devices		~						
		-						
-Directory Number Settings	;							
Voice Mail Profile	< None >	- (C	Choose <none> to us</none>	e system default)				
Calling Search Space	< None >	•						
BLF Presence Group*	Standard Presence group	•						
User Hold MOH Audio Source	< None >	•						
Network Hold MOH Audio Sour		-						
Auto Answer*	Auto Answer Off	-						
Reject Anonymous Calls								

All basic user settings can be configured in the field above. So a DN, Partition and CallingSearchSpace, also the forwards to voicemail or another internal or external destination can be configured on the phone.



	ied CM Administration		Navigation Cisco Unified CM A adminis	
System - Call Routing - Med	dia Resources 👻 Advanced Features 👻	Device - Application	▼ User Management ▼ Bulk Administration ▼ Help ▼	
Directory Number Configur	ation		Related Links: Configure	Device (almuser01) 🗸 🛛
🕞 Save 🗙 Delete 省 F	Reset 🧷 Apply Config 🕂 Add New			
Line 1 on Device almuser01	L			
			Value	Update Shared Device Settings
Display (Caller ID)	of a directory number for calls. If you	specify a number, the	Display text for a line appearance is intended for displaying text such as a name instead e person receiving a call may not see the proper identity of the caller.	
ASCII Display (Caller ID)				
Line Text Label	almuser01			
External Phone Number Mask				
Visual Message Waiting Indicator Policy*	Use System Policy	~		
Ring Setting (Phone Idle)*	Use System Default	~		
Ring Setting (Phone Active)	Use System Default	✓ Ap	plies to this line when any line on the phone has a call in progress.	
Call Pickup Group Audio Alert Setting(Phone Idle)	Use System Default	~		
Call Pickup Group Audio Alert Setting(Phone Active)	Use System Default	~		
Monitoring Calling Search Space	< None >	~		
				Propagate Selected



#### **Creating a user**

The UserID is a required field, this field is the username which is send to the CallManager when a user logs in.

The ALM application will send this username to the system so the user does not have to enter their username manually on the phone anymore using the keypad.

416.44	nified CM Administration		administrator	Navigation Cisco Unified CM Ad Search Documentation	lministration ∨ Go About Logout	
System - Call Routing -	Media Resources - Advanced Features - Device -	Application 👻 User Management 👻 Bulk Administration 👻	Help 👻			
End User Configuration			I	Related Links: Back to Find	List Users ∨ Go	l
🔚 Save 🗙 Delete 🚽	Add New					
_ Status						^
i Status: Ready						
User Information						
User Status User ID*	Enabled Local User	1				
	almuser1					
Password Confirm Password	••••••••••••	Edit Credential				
Self-Service User ID	••••••••••••					
PIN						
Confirm PIN	•••••	Edit Credential				
Last name *	user1					
Middle name	useri					
First name	alm					
Display name						
Title						
Directory URI						
Telephone Number						
Home Number						
Mobile Number						
Pager Number						
Mail ID						
Manager User ID						

The previously created DeviceProfile has to be attached to a user so the system knows which profile has to be loaded on the phone based on the entered UserID.

Scroll down to the "Extension Mobility" field to attach the DeviceProfile.

Extension Mobility				
Available Profiles	user profile 10			
	user_profile_11		~	
	user_profile_12			
	user_profile_13		$\sim$	
	user_profile_14			
	**			
Controlled Profiles	user_profile_1			
				v
				~
Default Profile	Not Selected	~		
BLF Presence Group*	Standard Presence group	~		
SUBSCRIBE Calling Search Space	< None >	~		
Allow Control of Device from C	ті			
Enable Extension Mobility Cros	s Cluster			



## Q & A

This Q&A provides an overview of commonly asked questions about the ALM.

- The device and the profile can have the same DN, this does not affect the operation of the ALM;
- If the device has no DN, this will not affect the operation of the ALM;
- From release 3 and up ALM supports multiple profiles;
- Access to the webpage of the phone is only required for automatic phone detection;
- Using a phone with no PC Port is supported, refer to the administration and configuration manual for more information;
- All Cisco IP phones with support for EM are supported by ALM;
- The UserID is not case-sensitive;
- ALM 4 and up supports EMCC;

# **Ordering Information**

Please send your quotation requests to sales@rsconnect.net along with the number of licenses you require.

1 license is required for 1 PC/Phone combination, the license is not user or phone based. If two employees use 1 computer in combination with 1 IP Phone you will require 1 license.

# **Additional Information**

For any additional information please contact or visit:

- United Kingdom: +44 203 608 8259
- Other countries: +31 88 1221 800
- http://www.rsconnect.net
- sales@rsconnect.net