

ศูนย์เทคโนโลยีสารสนเทศและการสื่อสาร สป.มท. Information and Communication Technology Center.

SAMART

# IP Telephony

Add Jabber Android and iOS

# System Diagram





โครงการค่าจัดหาระบบโทรศัพท์ (IP Telephony) เพื่อการสื่อสารแบบครบวงจรของกระทรวงมหาดไทย





โครงการค่าจัดหาระบบโทรศัพท์ (IP Telephony) เพื่อการสื่อสารแบบครบวงจรของกระทรวงมหาดไทย



- วิธีการเพิ่ม Jabber เข้าไปในระบบฐานข้อมูล Cisco Unified Communication Manager (CUCM) มีดังนี้
  - ไปที่แท็บเมนูเลือก Device/Phone
  - เลือก Add New



cisco	Cisco Un For Cisco Uni	nified CM Ad	ministration							
System 👻	Call Routing •	Media Resources 👻	Advanced Features 💌	Device 👻	Application	<ul> <li>User Management</li> </ul>	Bulk Administration 👻	Help 🔻		
Find and L	ist Phones									
Add N	ew 🕂 Add Ne	ew From Template								
Phone										
Find Phone	where Device	Name		♥ beg	ins with v	Select item or enter s	Find Clear File	ter 🔁 📼		
						No active query. F	Please enter your search	criteria using the optio	ons above.	
Add New	Add New Fror	n Template								

โครงการค่าจัดหาระบบโทรศัพท์ (IP Telephony) เพื่อการสื่อสารแบบครบวงจรของกระทรวงมหาดไทย



- ในช่องของ Phone Type\* ที่จะใช้สำหรับเพิ่ม Jabber Client มีดังนี้
- กรณีเพิ่ม Jabber Client for Windows/ Mac ให้เลือก Phone Type\* = Cisco Unified ClientServices Framework
- กรณีเพิ่ม Jabber Client for Android ให้เลือก Phone Type\* = Cisco Dual Mode for Android
- กรณีเพิ่ม Jabber Client for iPhone ให้เลือก Phone Type\* = Cisco Dual Mode for iPhone
- กรณีเพิ่ม Jabber Client for iPad/Android Tablet ให้เลือก Phone Type\* = Cisco Jabber for Tablet

- ดังนั้นในกรณีจึงเลือก Cisco Unified ClientServices Framework และเลือก Next Cisco Unified ClientServices Framework Cisco Unified ClientServices Framework



Cisco Unifie	fied CM Administration	
System   Call Routing   N	Iedia Resources   Advanced Features   Device	✓ Ap
Add a New Phone		
Next		
_ Status		
i Status: Ready		
⊂ Create a phone using the	phone type or a phone template	
Ctart by colocting the type	ef phone you wish to add, or click here to add a	ow ph
Start by selecting the type	or phone you wish to add, or <u>click here to add a n</u>	iew pn
Phone Type*	Cisco Unified Client Services Framework	~
or	Cisco Unified Communications for RTX	^
O BAI Phone lemplate <sup>+</sup>	Cisco Unified Personal Communicator	
	Cisco Webex Board 55	
Next	Cisco Webex Board 70	
	Cisco Webex Board 85	
(i) *- indicates required it	Cisco Webex DX80	
(i) **- Create a phone te	Cisco Webex Desk Pro	
0	Cisco Webex Room 55	

- ในช่องของ Phone Type\* ที่จะใช้สำหรับเพิ่ม Jabber Client มีดังนี้
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- กรณีเพิ่ม **Jabber Client for iPhone** ให้เลือก Phone Type\* = Cisco Dual Mode for iPhone
- กรณีเพิ่ม Jabber Client for iPad/Android Tablet ให้ เลือก Phone Type\* = Cisco Jabber for Tablet

จากตัวอย่างเลือก Cisco Unified ClientServices Framework และเลือก Next



cisco	Cisco Un For Cisco Uni	nified CM A	<b>\dı</b> ions	ministrat	tion				
System 👻	Call Routing 👻	Media Resources	•	Advanced Feat	ures 👻	Device $\bullet$	Application -	Use	er Managemen
Phone Con	figuration								
📄 Save									
<b>_</b> Device Ir	nformation —								
Device	e is trusted								
Device Na	me*		CS	F600001					
Descriptio	n		600	0001					
Device Po	ol*		01	-COPI-DP				~	View Details
Common	Device Configu	ration	<	None >				~	<u>View Details</u>
Phone Bu	tton Template*	۲ (	Sta	andard Client S	Services	Framework	(	~	
Common	Phone Profile*		Sta	andard Commo	on Phon	e Profile		~	<u>View Details</u>
Calling Se	arch Space		01	_COPI_class_2	2			~	
AAR Callir	ng Search Spac	e	<	None >				<b>v</b> ]	
Media Res	source Group Li	ist	01	-COPI-MRGL				~	
User Hold	MOH Audio So	ource	<	None >				<b>`</b>	
Network I	Hold MOH Audic	o Source	<	None >				<b>v</b>	
Location*	t .	(	Hu	b_None				<b>v</b>	
AAR Grou	ıp	(	<	None >				~	
User Loca	le	(	<	None >				<b>v</b>	
Network I	_ocale	(	<	None >				~	
Built In B	ridge*	(	De	fault				<b>v</b>	
Privacy*		(	De	fault				<b>v</b>	
Device Mo	bility Mode*		De	fault				~	
Owner			۲	User 🔘 And	nymous	s (Public/Sh	ared Space)		
Owner Us	er ID*		u6	00001				~	Find
Mobility U	ser ID		<	None >				~	

 เมื่อเข้าสู่หน้าต่าง Phone Configuration และใส่ข้อมูล ดังต่อไปนี้

#### Device Information

- Device Name\*
- Description
- Device Pool\*
- Phone Button Template\*
- Calling Search Space\*
- Media Resource Group
- Owner
- Owner User ID\*



cisco	<b>Cisco</b> For Cisco	Unified CM	Ad	ministration s Solutions			
System 👻	Call Routing	<ul> <li>Media Resources</li> </ul>	•	Advanced Features 👻	Device 💌	Application 👻	User Management
Phone Co	nfiguration						
Save							
_ Device I	nformation -		_				
Devic	e is trusted						
Device N	ame*		C	SF600001			
Descripti	on		60	0001			

- รายละเอียดเพิ่มเติม ของ Device Information / Device
   Name\* ต้องใส่คำนำหน้าก่อนดังนี้
  - CSF คือการใช้งานบน Notebook และ MAC Book
  - BOT คือการใช้งานบน Android
  - TCT คือการใช้งานบน iPhone (IOS)
  - TAB หมายถึงการใช้งานบน Tablet (IOS)



cisco	Cisco Unified Cl For Cisco Unified Commun	M Administration	
System 👻	Call Routing • Media Resou	rces • Advanced Features • E	Device 👻 Application 👻 User Managem
Phone Cor	nfiguration		
📄 Save			
USEL HOID	I MOH AUGIO SOURCE	< None >	~
Network	Hold MOH Audio Source	< None >	~
Location	k	Hub_None	~
AAR Gro	qu	< None >	~
User Loca	ale	< None >	~
Network	Locale	< None >	~
Built In B	ridge*	Default	~
Privacy*		Default	×
Device M	obility Mode*	Default	~
Owner		🖲 User 🔘 Anonymous (	Public/Shared Space)
Owner Us	ser ID*		✓ Find
Mobility L	lser ID	< None >	~

- Owner
- Owner User ID\*
- Digest User

หัวข้อ Owner User ID\* และ Digest User ให้เลือก Find เพื่อ า้นหา User ID ที่ต้องการให้สามารถ Login เข้าใช้ Jabber ที่ าำลังสร้างอยู่



diala cisco	Cisco Un	nified CM Ad	s Solutions	tion				Navigation C	isco Unified Cl admin
System 👻	Call Routing 👻	Media Resources 👻	Advanced Feat	ures 👻	Device 👻	Application	<ul> <li>User</li> </ul>	r Management	<ul> <li>Bulk Admi</li> </ul>
Find and L	ist Users								
Select	All Clear	All 🕂 Add Selecter	d 🖳 Close						
User									
Find User v	where User ID	,	contains	✓ 60	0001		Find	Clear Filter	
			No active query. F	Please er	nter your sea	rch criteria us	ing the o	ptions above.	
Select All	Clear All Ad	d Selected Close							

• เมื่อปรากฏหน้าต่าง Find and List Users ให้เลือกข้อมูลดังต่อไปนี้เพื่อค้นหา User ID

- Find User where: User ID | contains | 600001 (600001 คือหมายเลขเบอร์ติดต่อของ Jabber) และเลือก Find



cisco	For Cisco Uni	nified CM Ad	ministration s Solutions			Navigation Cis	co Unified CM Administral administrator	tion About	✓ Go Logout
System -	Call Routing 👻	Media Resources 👻	Advanced Features 👻	Device 👻	Application -	User Management 👻	Bulk Administration 👻	Help 👻	
Find and	l List Users								
Sele	ect All Clear	All Add Selected	Close						
Status-	ecords found								
User	(1 - 1 of 1)						Rows	per Page	50 🗸
Find Use	r where User ID	~	contains v 60	0001		Find Clear Filter	ф <b>—</b>		
	llser ID 🔺	Meeting Number	First Name La	ist Name	Department	Directory URI	User Status	U	ser Rank
	u600001		600	001			Enabled Local User	1	
Select	All Clear All Ad	d Selected Close							

• เลือก User ID ที่ปรากฏขึ้นและเลือก Add Selected



Cisco Unified For Cisco Unified Com	CM Administration				
System      Call Routing      Media Re	sources  Advanced Features  Device  Application	ation	<ul> <li>User Mana</li> </ul>	agement 👻	Bu
Phone Configuration					
Save					
Protocol Specific Information-					
Packet Capture Mode*	None	~			
Packet Capture Duration	0				
BLF Presence Group*	Standard Presence group	~			
SIP Dial Rules	< None >	~			
MTP Preferred Originating Codec*	711ulaw	~			
Device Security Profile*	Cisco Unified Client Services Framework - Standard	•			
Rerouting Calling Search Space	< None >	~			
SUBSCRIBE Calling Search Space	< None >	~			
SIP Profile*	MOI CSF SIP Profile	<ul> <li>∨</li> <li>∨</li> </ul>	<u>'iew Details</u>		
Digest User	u600001	<b>v</b> )[	Find		
Media Termination Point Requir	ed				
Unattended Port					
Require DTMF Reception					

Protocol Specific Information

Device Security Profile\*

SIP Profile\*

Digest User

ใส่ข้อมูลเรียบร้อยแล้วให้เลือก Save

lk Adminis



Cisco Unified CM For Cisco Unified Communication	Administration				
System - Call Routing - Media Resources	Advanced Features      Device      Application	User Manage	ement 👻 Bulk Admi	inistration - Help -	
Phone Configuration					
Save					
Device is trusted					
Device Name*	CSF600001				
Description	600001				
Device Pool*	01-COPI-DP	View De	tails		
Common Device Configuration	< None >	View De	tails		
Phone Button Template*	Standard Client Services Framework	~			
Common Phone Profile*	Standard Common Phone Profile				
Calling Search Space	01_COPI_class_2	① 10.23	0.1.21		
AAR Calling Search Space	<pre>&lt; None &gt;</pre>	Click on	the Apply Config bu	tton to have the changes take effect	
Media Resource Group List	01-COPI-MRGL	Click on the Apply coning button to have the changes take effect.			
User Hold MOH Audio Source	< None >			ок	
Network Hold MOH Audio Source	< None >				
Location*	Hub_None	~			

• เมื่อปรากฏหน้าต่าง Click on the Apply Config button to have the changes take effect. ให้เลือก OK



Indus Cisco Unified CM Administration	
CISCO For Cisco Unified Communications Solutions	
System   Call Routing   Media Resources   Advanced Features	Device      Application      User Management      Bulk Administration      Help
Phone Configuration	
🔜 Save 🗙 Delete 🗋 Copy 睯 Reset 🧷 Apply Config	Add New
⊂ Status	
Add successful	
Association Phone Type	
Modify Button Items Product Type: Cisco U	Inified Client Services Framework
1 <u>erres Line [1] - Add a new DN</u> Device Protocol: SIP	
2 <u>Internetional Content of the Cont</u>	
Registration: Unknown	
IPv4 Address: None	
4 <u>Ine [4] - Add a new DN</u>	
5 • <u>m: Line [5] - Add a new DN</u>	
6 The Line [6] - Add a new DN	
7 <u>International Contents of the states of t</u>	CSF600001
8 even Line [8] - Add a new DN Description	600001
Device Pool*	01-COPI-DP View Details

Association

- เลือก Line [1] – Add a new DN เพื่อเข้าไปกำหนดเบอร์ติดต่อ



cisco	Cisco Ur For Cisco Unit	fied CM Ad	ministration			
System 👻	Call Routing 👻	Media Resources 👻	Advanced Features 👻	Device 🔻	Application 👻	User Management 👻
Directory I	Number Config	guration				
Save	X Delete	👆 Reset 🛛 🧷 Appl	y Config 🕂 Add New			
-Status						
i Statu:	s: Ready					
- Directory	Number Infor	mation				
Directory N	Number*	600001				Urgent Priority
Route Part	ition	Internal_PT			•	
Description	ı	600001				
Alerting Na	ame	600001				
ASCII Alert	ting Name					

ใส่ข้อมูลดังต่อไปนี้

Directory Number Information

- Directory Number\*
- Route Partition
- Description

-Alerting Name

CISCO Cisco Unified CM A For Cisco Unified Communicat	Administration			
System      Call Routing      Media Resources	✓ Advanced Features ✓ Device ✓ Application ✓	User Management	•	
Directory Number Configuration				
🔚 Save 🗙 Delete 🎦 Reset 🧷 A	Apply Config 🕂 Add New			
Directory Number Settings				
Voice Mail Profile	00_Voicemail_Profile	✓ (Choose <nor< td=""><td>ne&gt;</td></nor<>	ne>	
Calling Search Space	< None >	~		
BLF Presence Group*	Standard Presence group	~		
User Hold MOH Audio Source	< None >	~		
Network Hold MOH Audio Source	< None >	~		
Auto Answer*	Auto Answer Off	~		
Calling Line ID Presentation When Diverted Determined by Last Hop				
Reject Anonymous Calls				

ใส่ข้อมูลดังต่อไปนี้

Directory Number Settings

- Voice Mail Profile



Cisco Unified CM Add	ministration					Navigation Cisco Unified CM adminis
System      Call Routing      Media Resources	Advanced Features 👻	Device - Application - User Ma	anagement  Bulk Administration	Help 👻		
Directory Number Configuration						Related Links: Configure D
🔚 Save 🗙 Delete 睯 Reset 🧷 Apply	Config 🕂 Add New	1				
Call Forward and Call Pickup Settings						
	Voice Mail		Destination			Calling Search Space
Calling Search Space Activation Policy					Use System Default	<b>v</b>
Forward All	🗌 or				< None >	~
Secondary Calling Search Space for Forward A	II				01_COPI_class_1	~
Forward Busy Internal	🗌 or				01_COPI_class_1	~
Forward Busy External	🗌 or				01_COPI_class_1	~
Forward No Answer Internal	🗌 or				01_COPI_class_1	~
Forward No Answer External	🗌 or				01_COPI_class_1	~
Forward No Coverage Internal	🗌 or				< None >	~
Forward No Coverage External	🗌 or				< None >	~
Forward on CTI Failure	🗌 or				< None >	~
Forward Unregistered Internal	🗌 or				01_COPI_class_1	
Forward Unregistered External	🗌 or				01_COPI_class_1	<b>v</b>
No Answer Ring Duration (seconds) 30						
Call Pickup Group < None >		v				

- Call Forward and Call Pickup Settings
  - Calling Search Space
  - No Answer Ring Duration (seconds)



Cisco Unifi Cisco Unified	ed CM Administration		• Line 1						
System ▼ Call Routing ▼ Med	lia Resources ▼ Advanced Features ▼ Device ▼ Application ▼ U	ser Ma	- Displ						
Directory Number Configura	ดเย ส								
🔚 Save 🗙 Delete 💁 Reset 🧷 Apply Config 🕂 Add New									
Line 1 on Device CSF600001									
Display (Caller ID)	Display (Caller ID) 600001								
	receiving a call may not see the proper identity of the caller.								
ASCII Display (Caller ID)		]							
Line Text Label		]							
External Phone Number Mask		]							
Recording Option*	Call Recording Disabled								
Recording Profile	< None > v								
Recording Media Source*	Gateway Preferred V								
Monitoring Calling Search Space	< None > v								

- Line 1 on Device
- Display (Caller ID)
- ใส่ข้อมูลเรียบร้อยแล้วให้กด Save





- วิธีตรวจสอบว่า Jabber ได้ถูกเพิ่มเข้าไปในระบบ ฐานข้อมูลแล้วหรือไม่สามารถทำได้ดังนี้
  - เลือก Device/Phone



diada cisco	Cisco Unified C	ed CM Administrat	ion								Navigation C	Cisco Unified CM Adn administra	ninistration tor   Ab	✓ Go out   Logout
System 👻	Call Routing - Media	a Resources 👻 Advanced Featu	ires 🔹 Device 💌	Application - User	Management -	Bulk Administra	ition 👻 Help 👻							
Find and L	List Phones										Related Links	Actively Logged	l In Device	Report 🗸 Go
👍 Add N	Add New 🖓 Add New From Template 🔛 Select All 🔛 Clear All 🙀 Delete Selected 🏠 Reset Selected 🥜 Apply Config to Selected													
Status —	Status													
<b>(i)</b> 1 rec	1 records found													
Query In	Ouery Information													
i Sear	rching on a directory n	umber may show the same dev	vice name multiple t	imes depending on t	the number of	lines configured	per device.							
Phone	(1 - 1 of 1)												Rows per	Page 50 v
Find Phone	e where Directory Nur	nber	✓ Conta	ains 🗸 600001		Find	lear Filter 👍 😑							
				Select i	tem or enter s	earch text 🗸								
		Device Name(Line) <sup>▲</sup>	Description	Device Pool	Extension	Partition	Device Protocol	Status	Last Registered	Last Active	Unified CM	IPv4 Address	Сору	Super Copy
	DS E	<u>CSF600001(1)</u>	600001	01-COPI-DP	<u>600001</u>	Internal_PT	SIP	None	Never			None	ß	1
Add New	Id New Add New From Template Select All Clear All Delete Selected Reset Selected Apply Config to Selected Generate PRT for Selected													

- เมื่อเข้าสู่หน้าต่าง Find and List Phone ให้ใส่ข้อมูลดังต่อไปนี้
  - Find Phone where : Directory Number | Contains | 600001 (600001 คือหมายเลขติดต่อ Jabber) และเลือก Find
    - ก็จะปรากฏ Jabber ที่เพิ่มเข้าไปในระบบฐานข้อมูล



• กำหนด Device Association ให้กับ User โดยเลือก User Management > End User

diala	Cisco Unified CM Administration			Navigation Cisco Unified CM Administration							
cisco	For Cisco Unified Communications Solutions				administrator About Logout						
System •	Call Routing • Media Resources • Advanced Features • Device • Application •	User Management 👻	Bulk Administration	Help							
		Application User									
		End User									
		User/Phone Add	•								
CISC	o Unified CM Administration	SIP Realm									
System	System version: 12.5.1.13900-152		۲								
VMware	Installation: 4 vCPU Intel(R) Xeon(R) Gold 6132 CPU @ 2.60GHz, disk 1	Self-Provisioning		rtitions aligned							
Last Su	ccessful Backup: 0 day(s) ago	Assign Presence	Users								
User adminis	trator last logged in to this cluster on Monday, September 11, 2023 11:08:34 AM IC	T, to node 10.230.1.2	21, from 10.252.0.	.33 using HTTPS							
Copyright © All rights res	1999 - 2020 Cisco Systems, Inc. erved.										
This product	contains cryptographic features and is subject to United States and local country lav	vs governing import,	export, transfer an	d use. Delivery of Cisco cryptographic p	roducts does not imply third-party authority to import, export, distribute or use encryption.						

Importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at our Export Compliance Product Report web site.

For information about Cisco Unified Communications Manager please visit our Unified Communications System Documentation web site.

For Cisco Technical Support please visit our Technical Support web site.



#### • ใส่ User ID ลงในช่องค้นหาและเลือก Find

alulu Cisco Unified CM Administration	Navigation Cisco Unified CM Administration 🗸 Go							
CISCO For Cisco Unified Communications Solutions	administrator About Logout							
System   Call Routing  Media Resources  Advanced Features  Device  Application  User Management  Bulk Administration  Help								
Find and List Users								
Add New								
User								
Find User ID 🗸 contains 🗸 u50441 🛛 Find Clear Filter 🔂 🛥								
No active query. Please enter your search criteria using the options above.								
Add New								

#### • เลือก User ID

ahaha	Cisco Unified CM Administration					Navigation Cisco Unified CM	Administration	✓ Go			
cisco	For Cisco Unified Communications Solutions					admini	strator About	Logout			
System -	Call Routing • Media Resources • Advanced Features • Device •	Application - User Managen	nent - Bulk Administrati	ion 🕶 Help 🕶							
Find and L	ist Users										
Add Ne	ew 🔛 Select All 🔛 Clear All 💥 Delete Selected										
Status	Status 1 records found										
User	(1 - 1 of 1)						Rows per Page	50 🗸			
Find User v	where User ID v contains v u50441	Find Clear Fi	lter 🕂 🛥								
	User ID Meeting Number	First Name	Last Name	Department	Directory URI	User Status	User Ra	ank			
	<u>u50441</u> 50441	50	0441			Enabled Local User	1				
Add New	Add New) Select All Delete Selected										



#### • ที่หัวข้อ Device Information ให้เลือก Device Association

Cisco Ur Cisco For Cisco Unit	nified CM Administration		Navigation Cisco Unified CM Administration Coo administrator About Logout
System      Call Routing	Media Resources • Advanced Features • Device		
End User Configuration			Related Links: Back to Find List Users 💙 Go
🔚 Save 🗙 Delete 🚽	Add New		
Presence Viewer	r for User		
UC Service Profile	MOI-ServiceProfile	✓ <u>View Details</u>	
Device Information			
Controlled Devices	B0T50441	Device Association	
Available Profiles			
CTI Controlled Device Profi	VA	×	



• ที่หัวข้อ Device Information ให้เลือก Device Association

alada Cisco Unified CM	Administration		Navigation Cisco Unified CM Administration	✓ Go
CISCO For Cisco Unified Communica	ions Solutions		administrator Abo	out Logout
System      Call Routing      Media Resources	✓ Advanced Features ✓ Device ✓ Application ✓ User Ma	anagement   Bulk Administration   Help		
End User Configuration			Related Links: Back to Find List L	Users 🖌 Go
🔚 Save 🗙 Delete 👍 Add New				
Presence Viewer for User				
UC Service Profile MOI-Service	Profile   View Details			
 _ Device Information				
Controlled Devices BOT50441				
		evice Association		
Available Profiles				

• ใส่ข้อมูลที่ต้องการค้นหา เช่น Directory Number และเลือก Find

cisco	Cisco Unifie	ed CM Administration		Navigation	Cisco Unified CM Administration 🗸 Go						
System -	Call Routing - Media		er Management - Bulk Administration - Help -		administrator About Logout						
System +											
User Devic	e Association			Re	lated Links: Back to User V Go						
Select /	Select All Exercised Clear All Select All In Search Clear All In Search Save Selected/Changes										
User Devi	ce Association For	u50441 (1 - 50 of 2,520)			Rows per Page 50 V						
Find User D	evice Association whe	ere Directory Number  v contains v 50441	Find Clear Filter								
🗹 Show th	ne devices already ass	sociated with u50441									
		Device Name	Directory Number		Description						
	7841	SEP045FB90F91C0	50441	50441							
	(III) RNR	AN1CB0CB9E20000	53123	moi-voip-vg202xm23							



# • คลิกเครื่องหมายถูกที่หน้าข้อมูลที่ปรากฏ และเลือก Save Selected/Changes

cisco	Cisco Unified CM For Cisco Unified Communic	Administration ations Solutions				Navigation Cisco Unified CM Administration V C administrator About Logou				
System 👻	Call Routing 👻 Media Resource	s      Advanced Features      Device      Applicati	on 👻 User Management 👻 Bulk Adminis	tration - Help -						
User Devic	e Association					Related Links: Back to User 🛛 🗸 G				
Select A	Select All Clear All Select All In Search Clear All In Search Save Selected/Changes									
User Devi	User Device Association For u50441 (1 - 2 of 2)									
Find User D	evice Association where Direct	tory Number v contains v 50441	Find Clear Filter							
🗹 Show th	e devices already associated w	vith u50441								
[			Device Name		Directory Number	Description				
	2 🗃 7841	SEP045FB90F91C0		50441		50441				
		BOT50441		50441		50441				
Select All	Clear All Select All In Search	Clear All In Search Save Selected/Changes								

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cisco	For Cisco Unified Communications Solutions			administrator About Logout						
System 👻	Call Routing   Media Resources   Advanced Features   Device   A	oplication   User Management   Bulk Administration	Help 👻							
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		Device Name	Directory Number	Description						
ſ	SEP045FB90F91C0		50441	50441						
	BOT50441		50441	50441						
Select All	Select All Clear All In Search Clear All In Search Save Selected/Changes									





- วิธีลบ Jabber ที่มีในระบบฐานข้อมูลสามารถทำ ได้ดังนี้
  - เลือก Device/Phone



cisco F	Cisco Unified CM Administration For Cisco Unified Communications Solutions										Navigation Cisco Unified CM Administration × Go administrator   About   Logout			
System 👻 Cal	ystem   Call Routing   Media Resources   Advanced Features   Device   Application   User Management   Bulk Administration   Help													
Find and List	t Phones									Related Links	Actively Logged	d In Device	Report 🗸 Go	
Add New	Add New 🖓 Add New From Template 🔛 Select All 🔛 Clear All 🙀 Delete Selected 🏠 Reset Selected 🥜 Apply Config to Selected													
- Status ———	Status													
1 records	1 records found													
Query Inform	mation												]	
(i) Searching	ng on a directory number may show the s	ame device name multiple t	times depending or	the number of	lines configured	per device.								
Phone (	(1 - 1 of 1)											Rows per	Page 50 v	
Find Phone wh	here Directory Number	✓ Cont	ains v 60000	)1	Find	lear Filter 👍 📼								
			Select	t item or enter s	earch text 🗸									
	Device Name(Li	ne) Description	Device Pool	Extension	Partition	Device Protocol	Status	Last Registered	Last Active	Unified CM	IPv4 Address	Сору	Super Copy	
	<u>CSF600001(1)</u>	600001	01-COPI-DP	<u>600001</u>	<u>Internal_PT</u>	SIP	None	Never			None	ß	1	
Add New A	dd New Add New From Template Select All Clear All Delete Selected Reset Selected Apply Config to Selected Generate PRT for Selected													

- เมื่อเข้าสู่หน้าต่าง Find and List Phone ให้ใส่ข้อมูลดังต่อไปนี้
  - Find Phone where : Directory Number | Contains | 600001 (600001 คือหมายเลขติดต่อ Jabber) และเลือก Find ก็จะปรากฏ Jabber ที่เพิ่มเข้าไปในระบบฐานข้อมูล



ศูนย์เทคโนโลยีสารสนเทศและการสื่อสาร สป.มท. Information and Communication Technology Center.

SAMART

# Thanks and Regards.