



ศูนย์เทคโนโลยีสารสนเทศและการสื่อสาร สป.มท.
Information and Communication Technology Center.

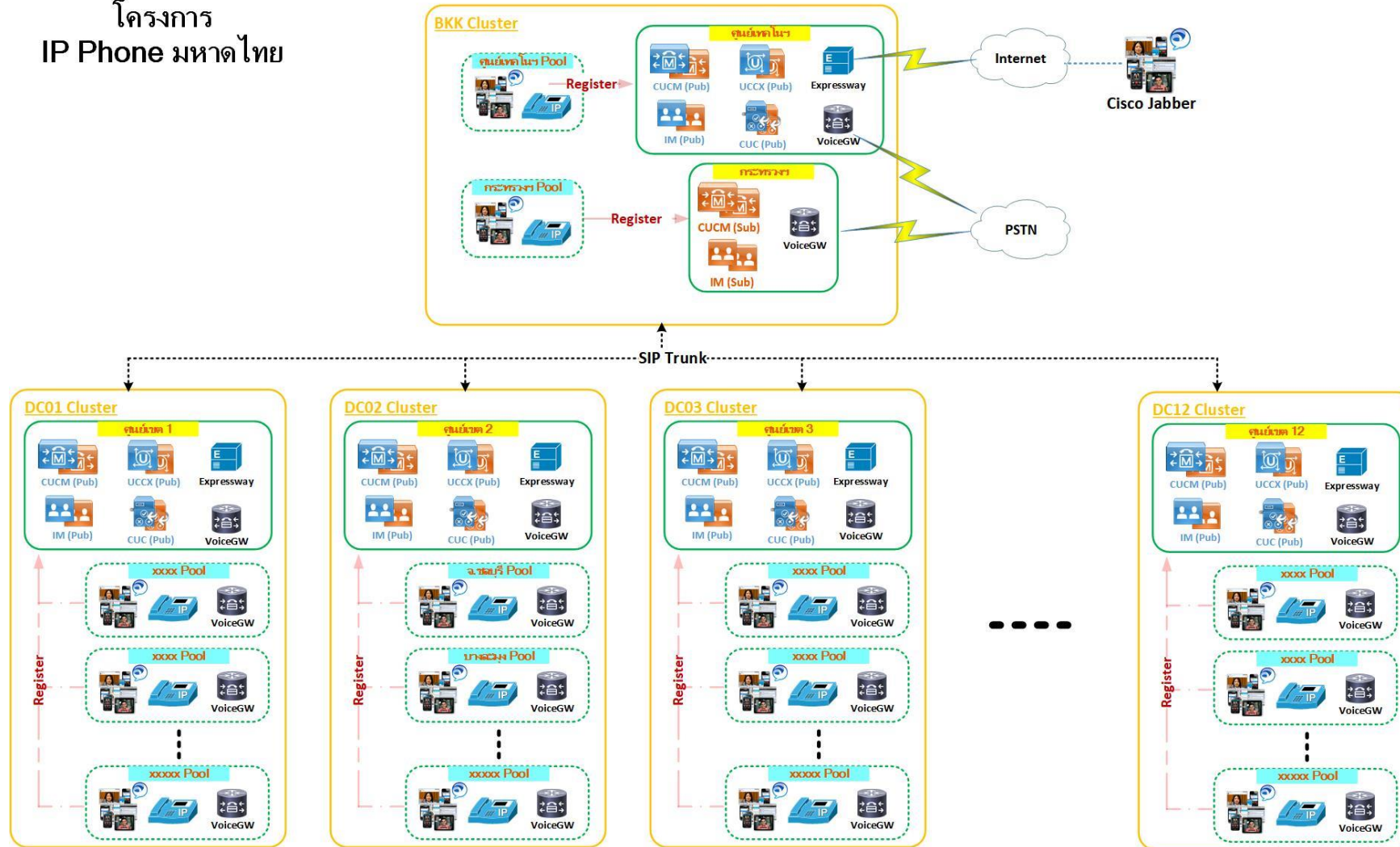
SAMART

IP Telephony

Add Device Gateway VG Type To CUCM

สำนักงานส่งเสริมการค้าในต่างประเทศ
กรุงเทพฯ

โครงการ IP Phone มหาดไทย



Add Device Gateway VG Type

- เลือก Device > Gateway



The screenshot displays the Cisco Unified CM Administration web interface. At the top, the Cisco logo and the text "Cisco Unified CM Administration For Cisco Unified Communications Solutions" are visible. Below this is a navigation menu with several dropdown options: System, Call Routing, Media Resources, Advanced Features, Device, Application, and User Management. The "Device" dropdown menu is open, showing a list of options: CTI Route Point, Gatekeeper, Gateway (highlighted in blue), Phone, Trunk, Remote Destination, Expressway-C, Device Settings, and Headset. The main content area on the left shows system information: "Cisco Unified CM Administration", "System version: 12.5.1.13900-152", "VMware Installation: 4 vCPU Intel(R) Xeon(R) Gold 6132", and "Last Successful Backup: 0 day(s) ago". At the bottom of the interface, a status message reads: "User administrator last logged in to this cluster on Friday, July 14, 2023 4:38:56 AM ICT, to node 10.230.1.21, from 10.230.1.21, 8192".

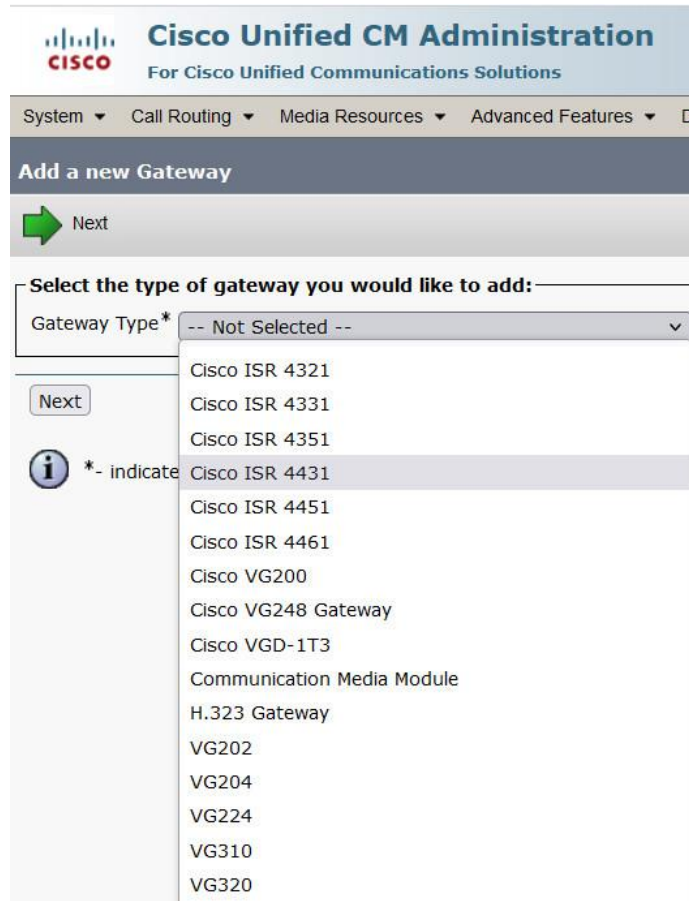
Add Device Gateway VG Type

- เลือก Find เพื่อค้นหา Gateway ที่มีในระบบ
- เลือก Add New

The screenshot shows the Cisco Unified CM Administration interface. At the top, there is a navigation menu with options: System, Call Routing, Media Resources, Advanced Features, Device, Application, User Management, Bulk Administration, and Help. Below this is the 'Find and List Gateway' section. A red circle highlights the '+ Add New' button. Below that is the 'Gateways' section, which includes a search bar with the following options: 'Find Gateways where', 'Name', 'begins with', a text input field, 'Hide', 'endpoints', 'Find', 'Clear Filter', '+', and '-'. The 'Find' button is also circled in red. Below the search bar, there is a message: 'No active query. Please enter your search criteria using the options above.' and an 'Add New' button.

Add Device Gateway VG Type

- Gateway Type*: เลือก Gateway ที่มีอยู่ในรายการ



Cisco Unified CM Administration
For Cisco Unified Communications Solutions

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Dev

Add a new Gateway

Next

Select the type of gateway you would like to add:

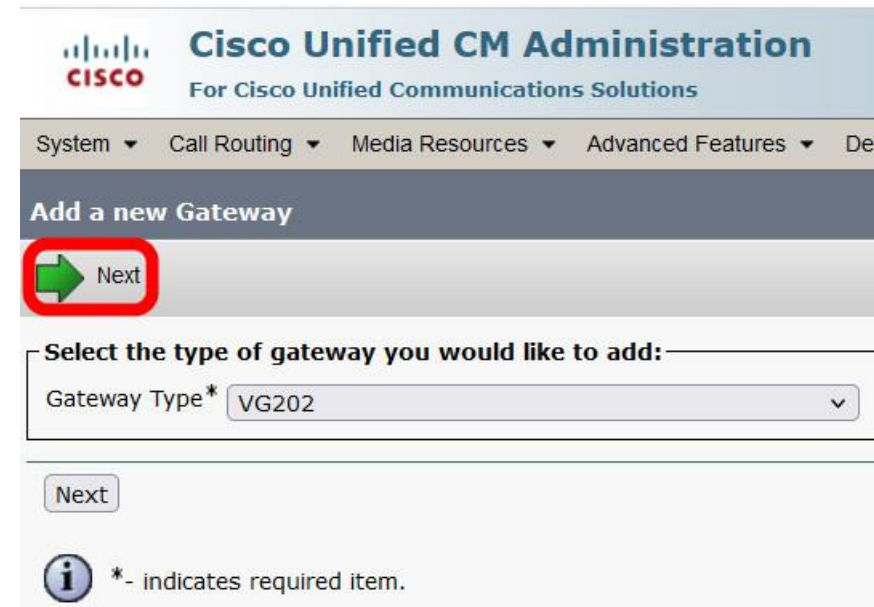
Gateway Type* -- Not Selected --

Next

i *- indicate

- Cisco ISR 4321
- Cisco ISR 4331
- Cisco ISR 4351
- Cisco ISR 4431
- Cisco ISR 4451
- Cisco ISR 4461
- Cisco VG200
- Cisco VG248 Gateway
- Cisco VGD-1T3
- Communication Media Module
- H.323 Gateway
- VG202
- VG204
- VG224
- VG310
- VG320

- เลือก Next



Cisco Unified CM Administration
For Cisco Unified Communications Solutions

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Dev

Add a new Gateway

Next

Select the type of gateway you would like to add:

Gateway Type* VG202

Next

i *- indicates required item.

Add Device Gateway VG Type

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Device ▾ Application ▾

Add a new Gateway

Next

Select the type of gateway you would like to add:

Gateway Type VG202 Change Gateway type

Protocol* MGCP ▾

Next

i *- indicates required item.

- Protocol*: MGCP
- เลือก Next

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Device ▾ Application ▾ User M

Gateway Configuration

Save

Status

i Status: Ready

Gateway Details

Product	VG202
Protocol	MGCP
⚠ Device is not trusted	
Domain Name*	COPI-VG202-Test.moi.go.th
Description	COPI-VG202-Test.moi.go.th
Cisco Unified Communications Manager Group*	01-COPI-CM_Group ▾

Configured Slots, VICs and Endpoints






Module in Slot 0 ANALOG ▾

- Domain Name*: ใส่ชื่ออุปกรณ์ตามด้วย Domain name
- Cisco Unified Communications Manager Group* เลือกกลุ่ม CUCM
- Module in Slot 0: เลือกชนิดของที่อยู่ใน Slot 0


Add Device Gateway VG Type

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Device ▾ /


Gateway Configuration

 Save  Delete  Reset  Apply Config  Add New

Status

 Add successful

Gateway Details

Product	VG202
Gateway	COPI-VG202-Test.moi.go.th
Protocol	MGCP
 Device is not trusted	
Domain Name*	<input type="text" value="COPI-VG202-Test.moi.go.th"/>
Description	<input type="text" value="COPI-VG202-Test.moi.go.th"/>
Cisco Unified Communications Manager Group*	<input type="text" value="01-COPI-CM_Group"/>

Configured Slots, VICs and Endpoints

Module in Slot 0 ▾






Subunit 0 ▾

- Subunit 0: เลือกประเภทการ์ดให้ตรงกับที่ติดตั้งอยู่ที่ Subunit 0
- เลือก Save


Add Device Gateway VG Type

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Device ▾ A


Gateway Configuration

 Save  Delete  Reset  Apply Config  Add New

Status



 Update successful

Gateway Details

Product	VG202
Gateway	COPI-VG202-Test.moi.go.th
Protocol	MGCP
 Device is not trusted	
Domain Name*	<input type="text" value="COPI-VG202-Test.moi.go.th"/>
Description	<input type="text" value="COPI-VG202-Test.moi.go.th"/>
Cisco Unified Communications Manager Group*	<input type="text" value="01-COPI-CM_Group"/>

Configured Slots, VICs and Endpoints

Module in Slot 0 ▾


Subunit 0 ▾ 0/ 0  0/ 1 

- 2FXS-MGCP: เลือก Port ที่ต้องการ Config เพื่อใช้งาน


Add Device Gateway VG Type

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾

Gateway Configuration

 Next

Status

 Status: Ready

Port Selection

Port Type*


Next

- Port Type*: เลือก POTS
- เลือก Next


Add Device Gateway VG Type

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Device ▾ Application ▾


Gateway Configuration

 Save

Status

 Status: Ready

Device Information

Product	Cisco MGCP FXS Port
Gateway	COPI-VG202-Test.moi.go.th
Device Protocol	Analog Access
 Device is not trusted	
End-Point Name *	AALN/S0/0@COPI-VG202-Test.moi.go.th
Description	AALN/S0/0@COPI-VG202-Test.moi.go.th
Device Pool*	01-COPI-DP ▾
Common Device Configuration	< None > ▾
Media Resource Group List	01-COPI-MRGL ▾
Packet Capture Mode*	None ▾
Packet Capture Duration	0
Calling Search Space	01_COPI_class_2 ▾
AAR Calling Search Space	< None > ▾
Location*	Hub_None ▾
AAR Group	< None > ▾
Network Locale	< None > ▾
Use Trusted Relay Point*	Default ▾
Geolocation	< None > ▾

- **Description:** ใส่คำอธิบายเพิ่มเติม
- **Device Pool*:** เลือก Device Pool
- **Media Resource Group List:** เลือก Media Resource
- **Calling Search Space:** เลือก Calling Search Space
- เลือก Save

Add Device Gateway VG Type

- เลือก Line [1] - Add a new DN

The screenshot shows the Cisco Unified CM Administration web interface. At the top, there is a navigation menu with options like System, Call Routing, Media Resources, etc. The main heading is "Gateway Configuration". Below this, there are action buttons: Save, Delete, Reset, Apply Config, and Add New. A "Status" section shows "Add successful". The "Directory Number Information" section has a red box around the link "Line [1] - Add a new DN". The "Device Information" section shows details for a Cisco MGCP FXS Port, including Gateway (COPI-VG202-Test.moi.go.th), Device Protocol (Analog Access), and various configuration options like Device Pool and Media Resource Group List.

Device Information	
Product	Cisco MGCP FXS Port
Gateway	COPI-VG202-Test.moi.go.th
Device Protocol	Analog Access
⚠ Device is not trusted	
Registration:	Unknown
IPv4 Address:	None
End-Point Name *	AALN/S0/0@COPI-VG202-Test.moi.go.th
Description	AALN/S0/0@COPI-VG202-Test.moi.go.th
Device Pool *	01-COPI-DP
Common Device Configuration	< None >
Media Resource Group List	01-COPI-MRGL

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Device ▾ Application ▾ User ▾

Directory Number Configuration

Save

Status

Directory Number Configuration has refreshed due to a directory number change. Please click Save to apply changes.

Directory Number Information

Directory Number*	<input type="text" value="98999"/>	<input type="checkbox"/>
Route Partition	<input type="text" value="Internal_PT"/>	
Description	<input type="text" value="98999"/>	
Alerting Name	<input type="text" value="98999"/>	
ASCII Alerting Name	<input type="text" value="98999"/>	
External Call Control Profile	<input type="text" value=" < None >"/>	

Active

Directory Number Settings

Voice Mail Profile	<input type="text" value=" < None >"/>
Calling Search Space	<input type="text" value="01_COPI_class_2"/>
BLF Presence Group*	<input type="text" value="Standard Presence group"/>
User Hold MOH Audio Source	<input type="text" value=" < None >"/>
Network Hold MOH Audio Source	<input type="text" value=" < None >"/>
Calling Line ID Presentation When Diverted	<input type="text" value="Determined by Last Hop"/>

- Directory Number*: ใส่เบอร์ที่ต้องการใช้งาน
- Route Partition: เลือก Internal_PT
- Description: ใส่คำอธิบายเพิ่มเติม
- Alerting Name: ใส่ Alert name
- ASCII Alerting Name: ใส่ ASCII alert name
- Calling Search Space: เลือก Calling Search Space ที่กำหนดให้ใช้งาน

Add Device Gateway VG Type

Call Forward and Call Pickup Settings


	Voice Mail	Destination	Calling Search Space
Calling Search Space Activation Policy			Use System Default
Forward All	<input type="checkbox"/> or	<input type="text"/>	01_COPI_class_1
Secondary Calling Search Space for Forward All			01_COPI_class_1
Forward Busy Internal	<input type="checkbox"/> or	<input type="text"/>	01_COPI_class_1
Forward Busy External	<input type="checkbox"/> or	<input type="text"/>	01_COPI_class_1
Forward No Answer Internal	<input type="checkbox"/> or	<input type="text"/>	< None >
Forward No Answer External	<input type="checkbox"/> or	<input type="text"/>	< None >
Forward No Coverage Internal	<input type="checkbox"/> or	<input type="text"/>	01_COPI_class_1
Forward No Coverage External	<input type="checkbox"/> or	<input type="text"/>	01_COPI_class_1
Forward on CTI Failure	<input type="checkbox"/> or	<input type="text"/>	01_COPI_class_1
Forward Unregistered Internal	<input type="checkbox"/> or	<input type="text"/>	01_COPI_class_1
Forward Unregistered External	<input type="checkbox"/> or	<input type="text"/>	01_COPI_class_1
No Answer Ring Duration (seconds)	<input type="text" value="30"/>		
Call Pickup Group	<input type="text" value="COPI-Pickup01 in Internal_PT"/>		

- Calling Search Space: เลือก Calling Search ที่ต้องการใช้งาน
- No Answer Ring Duration (seconds): ใส่ค่า No Answer Ring Duration
- Call Pickup Group: เลือก Call Pickup Group

Add Device Gateway VG Type

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Directory Number Configuration Related Links: [Configure Device \(AALN/S0/0@COPI-VG202-Test.moi.go.th\)](#) ▾ Go

 Save

Hold Reversion Ring Duration (seconds) Setting the Hold Reversion Ring Duration to zero will disable the feature

Hold Reversion Notification Interval (seconds) Setting the Hold Reversion Notification Interval to zero will disable the feature

Party Entrance Tone* ▾

Line 1 on Device AALN/S0/0@COPI-VG202-Test.moi.go.th

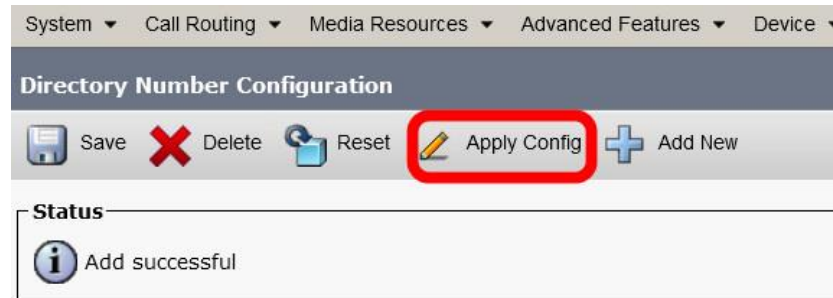
Display (Caller ID) Display text for a line appearance is intended for displaying text such as a name instead of a directory number for calls. If you specify a number, the person receiving a call may not see the proper identity of the caller.

ASCII Display (Caller ID)

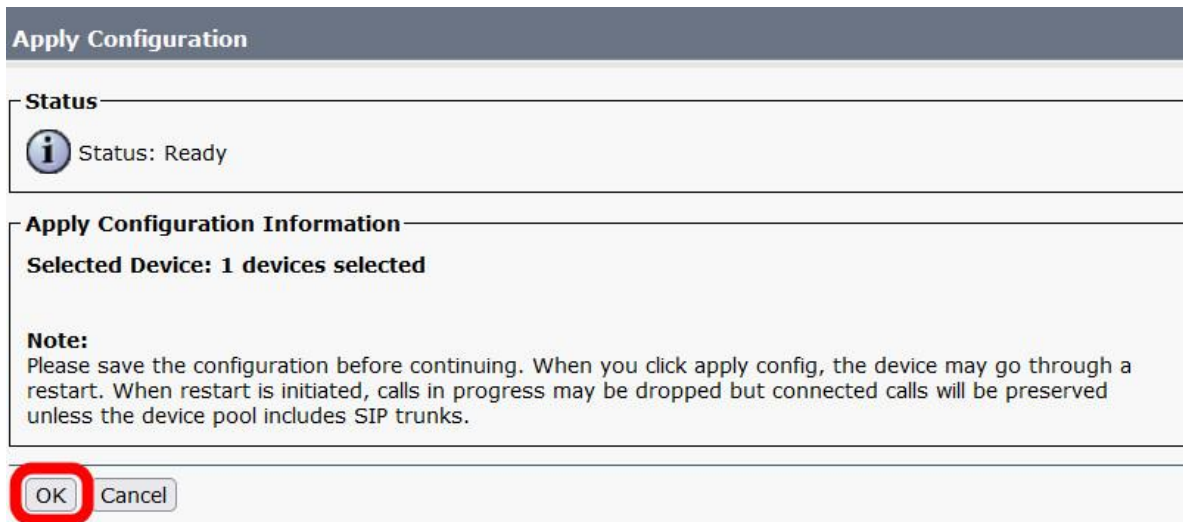
External Phone Number Mask

- Display (Caller ID): ใส่ Display Caller ID
- ASCII Display (caller ID): ใส่ ASCII Display Caller ID
- เลือก Save

Add Device Gateway VG Type

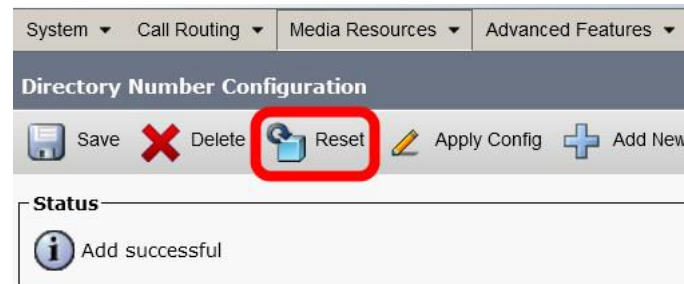


- เลือก Apply Config

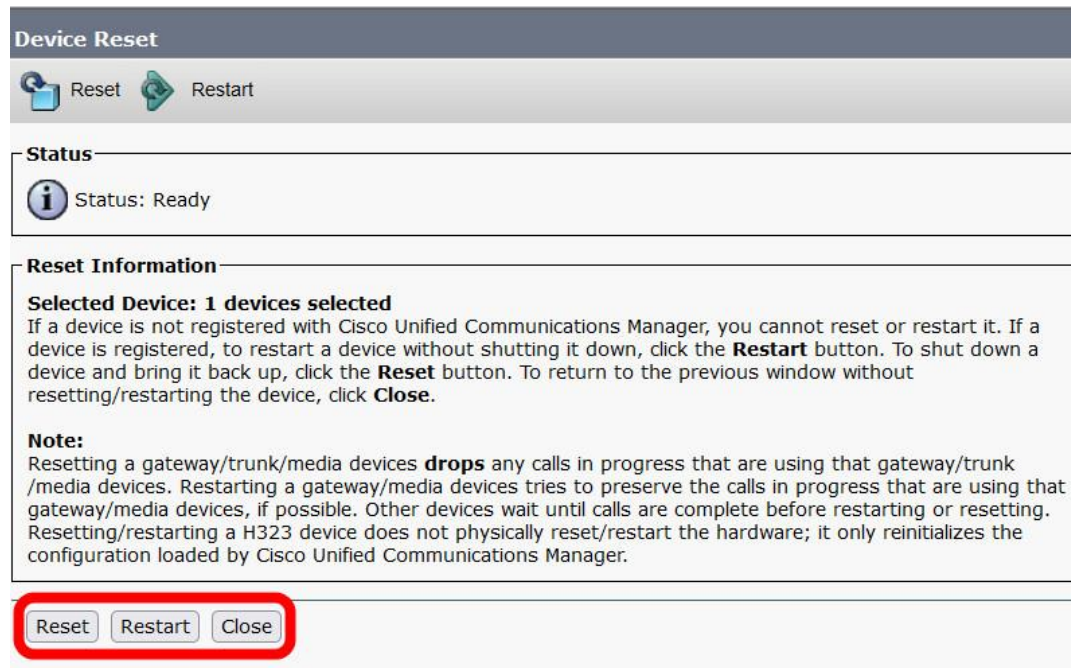


- เลือก OK

Add Device Gateway VG Type



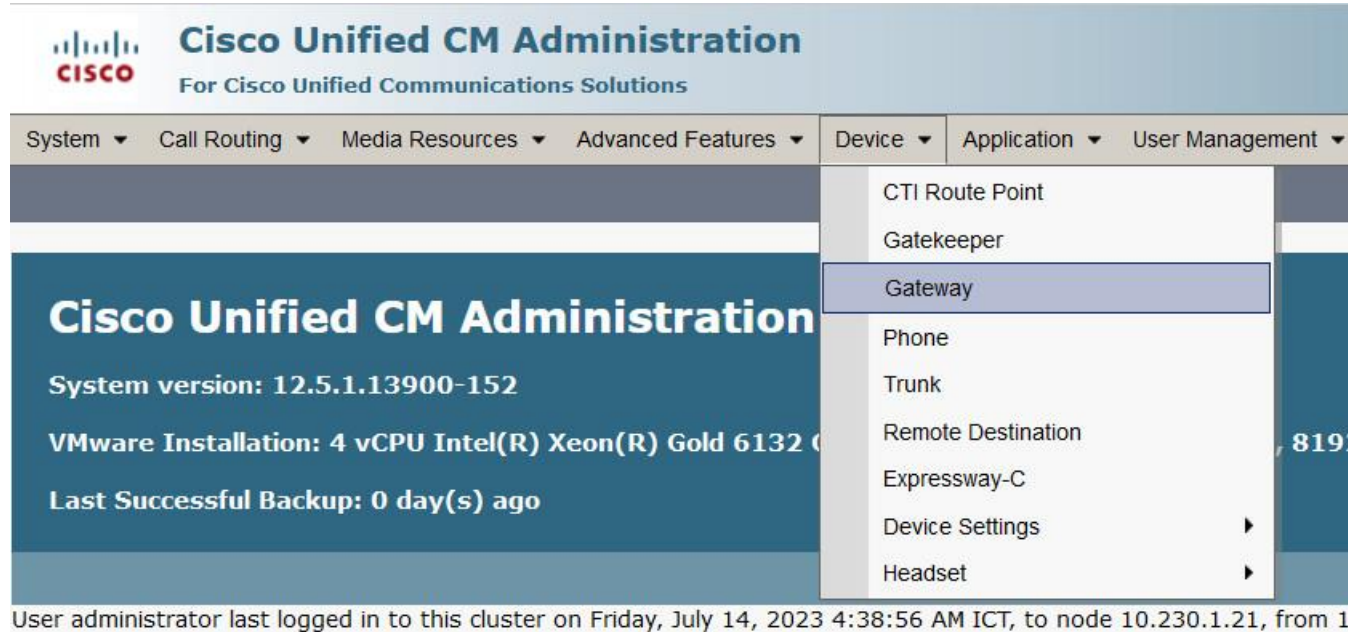
- เลือก Reset



- เลือก Reset
- เลือก Restart
- เลือก Close

Delete Device Gateway VG Type

- Delete Port



The screenshot shows the Cisco Unified CM Administration web interface. At the top, there is a navigation bar with the Cisco logo and the text "Cisco Unified CM Administration For Cisco Unified Communications Solutions". Below this is a menu bar with several dropdown menus: System, Call Routing, Media Resources, Advanced Features, Device, Application, and User Management. The "Device" menu is currently open, displaying a list of options: CTI Route Point, Gatekeeper, Gateway (which is highlighted in blue), Phone, Trunk, Remote Destination, Expressway-C, Device Settings, and Headset. On the left side of the page, there is a blue sidebar with the text "Cisco Unified CM Administration", "System version: 12.5.1.13900-152", "VMware Installation: 4 vCPU Intel(R) Xeon(R) Gold 6132 C", and "Last Successful Backup: 0 day(s) ago". At the bottom of the page, there is a status message: "User administrator last logged in to this cluster on Friday, July 14, 2023 4:38:56 AM ICT, to node 10.230.1.21, from 10.230.1.21".

- เลือก Device > Gateway

Delete Device Gateway VG Type

Cisco Unified CM Administration
For Cisco Unified Communications Solutions

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Find and List Gateway

+ Add New

Gateways

Find Gateways where Description ▾ contains ▾ OPI-VG202-Test.moi.go.th Hide ▾ endpoints Find Clear Filter + -

Select item or enter search text ▾

No active query. Please enter your search criteria using the search criteria field.

Add New

- ใส่ Gateway ที่ต้องการลบ Port และกด Find

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Find and List Gateway

+ Add New Select All Clear All Delete Selected Reset Selected Apply Config to Selected

Status

i 1 records found

Gateways (1 - 1 of 1) Rows per Page 50 ▾

Find Gateways where Description ▾ contains ▾ COPI-VG202-Test.moi.go.th Hide ▾ endpoints Find Clear Filter + -

Select item or enter search text ▾

	Device Name ^	Description	Device Pool	Calling Search Space	Device Type	Status	IPv4 Address
<input type="checkbox"/>	COPI-VG202-Test.moi.go.th	COPI-VG202-Test.moi.go.th			VG202	See Endpoints	None

Add New Select All Clear All Delete Selected Reset Selected Apply Config to Selected

- เลือก See Endpoints

Delete Device Gateway VG Type

- เลือก Port ที่ต้องการลบ และเลือก Delete Selected

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Find and List Gateway

+ Add New Select All Clear All **Delete Selected** Reset Selected Apply Config to Selected

Status

i 1 records found

Gateways (1 - 1 of 1) Rows per Page 50 ▾

Find Gateways where Name ▾ contains ▾ @COPI-VG202-Test.moi.go Show ▾ endpoints Find Clear Filter + -

Select item or enter search text ▾

<input type="checkbox"/>	Device Name ^	Description	Device Pool	Calling Search Space	Device Type	Status	IPv4 Address
<input checked="" type="checkbox"/>	AALN/S0/0@COPI-VG202-Test.moi.go.th	AALN/S0/0@COPI-VG202-Test.moi.go.th	01-COPI-DP	01_COPI_class_2	Cisco MGCP FXS Port	None	None

Add New Select All Clear All Delete Selected Reset Selected Apply Config to Selected

🌐 10.230.1.21

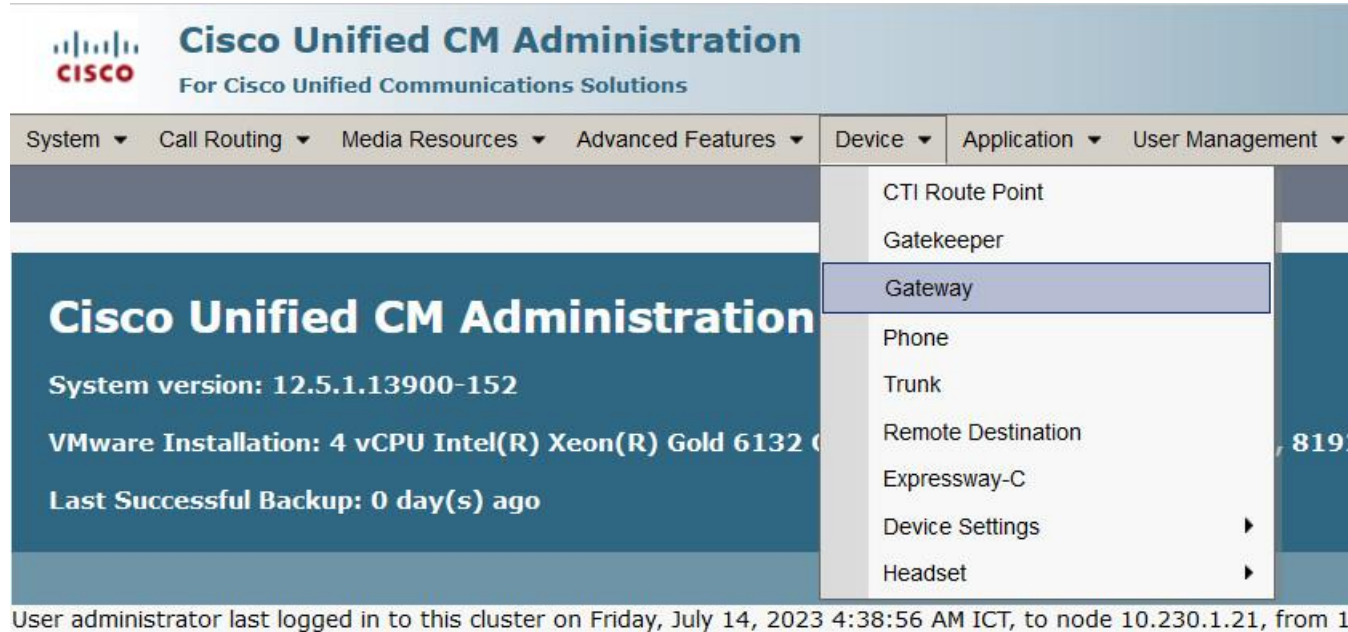
You are about to permanently delete 1 gateway(s). This action cannot be undone. Continue?

OK Cancel

- เลือก OK

Delete Device Gateway VG Type

- Delete Gateway VG



The screenshot shows the Cisco Unified CM Administration web interface. The top navigation bar includes 'System', 'Call Routing', 'Media Resources', 'Advanced Features', 'Device', 'Application', and 'User Management'. The 'Device' menu is open, displaying a list of options: CTI Route Point, Gatekeeper, Gateway (highlighted), Phone, Trunk, Remote Destination, Expressway-C, Device Settings, and Headset. The main content area displays system information: 'Cisco Unified CM Administration', 'System version: 12.5.1.13900-152', 'VMware Installation: 4 vCPU Intel(R) Xeon(R) Gold 6132 C', and 'Last Successful Backup: 0 day(s) ago'. A footer note states: 'User administrator last logged in to this cluster on Friday, July 14, 2023 4:38:56 AM ICT, to node 10.230.1.21, from 10.230.1.21'.

- เลือก Device > Gateway

Delete Device Gateway VG Type

The screenshot shows the Cisco Unified CM Administration interface. At the top, there is a navigation menu with options like System, Call Routing, Media Resources, Advanced Features, Device, Application, User Management, Bulk Administration, and Help. Below this is the 'Find and List Gateway' section. It includes an 'Add New' button with a plus icon. The main area is titled 'Gateways' and contains a search bar. The search criteria are: 'Find Gateways where Description contains OPI-VG202-Test.moi.go.th'. There are also options for 'Hide endpoints', a 'Find' button (circled in red), and a 'Clear Filter' button. Below the search bar, there is a dropdown menu with the text 'Select item or enter search text'. At the bottom of the search area, there is a message: 'No active query. Please enter your search criteria usi'. There is also an 'Add New' button at the bottom left of the search area.

- ใส่ Gateway ที่ต้องการลบ และกด Find

Delete Device Gateway VG Type

- เลือก Gateway ที่ต้องการลบและเลือก Delete Selected

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Device ▾ Application ▾ User Management ▾ Bulk Administration ▾ Help ▾

Find and List Gateway

+ Add New Select All Clear All Delete Selected Reset Selected Apply Config to Selected

Status

i 1 records found

Gateways (1 - 1 of 1) Rows per Page 50 ▾

Find Gateways where Description ▾ contains ▾ COPI-VG202-Test.moi.go.th Hide ▾ endpoints Find Clear Filter
Select item or enter search text ▾

	Device Name ^	Description	Device Pool	Calling Search Space	Device Type	Status	IPv4 Address
<input checked="" type="checkbox"/>	COPI-VG202-Test.moi.go.th	COPI-VG202-Test.moi.go.th			VG202	See Endpoints	None

Add New Select All Clear All Delete Selected Reset Selected Apply Config to Selected

10.230.1.21

You are about to permanently delete 1 gateway(s). This action cannot be undone. Continue?

- เลือก OK



ศูนย์เทคโนโลยีสารสนเทศและการสื่อสาร สบ.มท.
Information and Communication Technology Center.

SAMART

Thanks and Regards.

สำนักงานปลัดกระทรวงดิจิทัลฯ