

15 CUCM في نم آ نارقاً رمتؤم نيوكت

تايوت حمل

[قم دق م ل ا](#)

[ةيساس أ ل ا تابل ط م ل ا](#)

[تابل ط م ل ا](#)

[ةمدخت س م ل ا تانوك م ل ا](#)

[نيوك ت ل ا](#)

[ةحص ل ا نم ق ق ح ت ل ا](#)

[اهج الص او اعطخ أ ل ا فاشك ت س ا](#)

[قلص ت اذ ت ا م و ل ع م](#)

ةمدق م ل ا

15 CUCM في نم آ ل ا ص ص خ م ل ا رمتؤم ل ا نيوك ت ة ق ي ث و ل ا هذ ه ف ص ت

ةيساس أ ل ا تابل ط م ل ا

تابل ط م ل ا

ةيل ل ا ل ا ع ي ض ا و م ل ا ب ة ف ر ع م ك ي د ل ن و ك ت ن ا ب Cisco ي ص و ت

- CUCM
- VG (ت و ص ل ا ة ر ا ب ع)
- ي ن م ا م و ه ف م

ةمدخت س م ل ا تانوك م ل ا

ةيل ل ا ل ا ة ي د ا م ل ا تانوك م ل ا و ج م ا ر ب ل ا ت ا ر ا د ص ا ل ا د ن ت س م ل ا اذ ه ي ف ة د ر ا و ل ا ت ا م و ل ع م ل ا د ن ت س ت

- CUCM (ج ز م ل ا ع ض و) ر ا د ص ا ل ا: 15.0.0.98100-196
- (ن م آ ل ا ت ا ر م ت ؤ م ل ا ر س ج و C A ك م ا د خ ت س ا ل ا) Cisco2921: 15.7(3)M4b ر ا د ص ا ل ا
- NTP م د ا خ
- 8865NR ز ا ر ط 3 ت ن ر ت ن ا ل ل و ك و ت و ر ب ف ت ا ه

ة ص ا خ ة ي ل م ع م ة ئ ي ب ي ف ة د و ج و م ل ا ة ز ه ج أ ل ا ن م د ن ت س م ل ا اذ ه ي ف ة د ر ا و ل ا ت ا م و ل ع م ل ا ع ا ش ن ا م ت ن ا ك ا ذ ا. (ي ض ا ر ت ف ا) ح و س م م ن ي و ك ت ب د ن ت س م ل ا اذ ه ي ف ة م د خ ت س م ل ا ة ز ه ج أ ل ا ع ي م ج ت ا د ب ر م ا ي ا ل ل م ت ح م ل ا ر ي ث ا ت ل ل ك م ه ف ن م د ك ا ت ف، ل ي غ ش ت ل ا د ي ق ك ت ك ب ش

نيوك ت ل ا

CUCM. ل ا ل ا ل ي ج س ت ل ا و ن م آ ل ا ت ا ر م ت ؤ م ل ا ر س ج ن ي و ك ت 1. ة م ه م ل ا

ةقثلا ةطقنو ماعلا حاتفم لة ةيساسألا ةينبلا مداخ نيوك ت 1. ةوطخلا

HTTP مداخ و NTP مداخ نيوك ت ب مق 1.1. ةوطخلا

```
VG-CME-1(config)#ntp server x.x.x.x (IP address of the NTP server)
VG-CME-1(config)#ip http server
```

ماعلا حاتفم لة ةيساسألا ةينبلا مداخ نيوك ت ب مق 1.2. ةوطخلا

```
VG-CME-1(config)#crypto pki server testCA
VG-CME-1(cs-server)#database level complete
VG-CME-1(cs-server)#database url nvram:
VG-CME-1(cs-server)#grant auto
VG-CME-1(cs-server)#lifetime certificate 1800
```

testCA ل ةقثلا ةطقن نيوك ت 1.3. ةوطخلا

```
VG-CME-1(config)#crypto pki trustpoint testCA
VG-CME-1(ca-trustpoint)#enrollment url http://x.x.x.x:80 (IP Address of testCA)
VG-CME-1(ca-trustpoint)#revocation-check none
VG-CME-1(ca-trustpoint)#rsakeypair testCA
```

testCA مداخ نيوك ت ل no shutdown رمالا رادصاب مق م ث ،ةينات 30 يلاوح رظتنا 1.4. ةوطخلا

```
VG-CME-1(config)#crypto pki server testCA
VG-CME-1(cs-server)#no shutdown
%Some server settings cannot be changed after CA certificate generation.
% Please enter a passphrase to protect the private key
% or type Return to exit
Password:
```

```
Re-enter password:
% Generating 1024 bit RSA keys, keys will be non-exportable...
[OK] (elapsed time was 2 seconds)
```

```
% Certificate Server enabled.
```

CA رابتخالل اهليجست و Secure Conference Bridge ل ةقثلا ةطقن نيوك ت 2. ةوطخلا

SecureCFB اهتيمست و نمألا تارمتؤملا رسجل ةقثلا ةطقن نيوك ت 2.1. ةوطخلا

```
VG-CME-1(config)#crypto pki trustpoint SecureCFB
VG-CME-1(ca-trustpoint)#enrollment url http://x.x.x.x:80 (IP Address of testCA)
VG-CME-1(ca-trustpoint)#serial-number none
VG-CME-1(ca-trustpoint)#fqdn none
VG-CME-1(ca-trustpoint)#ip-address none
VG-CME-1(ca-trustpoint)#subject-name cn=SecureCFB
VG-CME-1(ca-trustpoint)#revocation-check none
```

VG-CME-1(ca-trustpoint)#rsakeypair SecureCFB

ةداهشلا لوبقول "معن" بتك او SecureCFB ةقداصمب مق 2.2 ةوطخال

VG-CME-1(config)#crypto pki authenticate SecureCFB

Certificate has the following attributes:

Fingerprint MD5: 383BA13D C37D0E5D 9E9086E4 8C8D1E75

Fingerprint SHA1: 6DB8F323 14BBFBFF C36C224B B3404513 2FDD97C5

% Do you accept this certificate? [yes/no]: yes

Trustpoint CA certificate accepted.

رورم ةملك نييعتو SecureCFB ليجست 2.3 ةوطخال

VG-CME-1(config)#crypto pki enroll SecureCFB

%

% Start certificate enrollment ..

% Create a challenge password. You will need to verbally provide this password to the CA Administrator in order to revoke your certificate.

For security reasons your password will not be saved in the configuration.

Please make a note of it.

Password:

Re-enter password:

% The subject name in the certificate will include: cn=SecureCFB

% The fully-qualified domain name will not be included in the certificate

Request certificate from CA? [yes/no]: yes

% Certificate request sent to Certificate Authority

% The 'show crypto pki certificate verbose SecureCFB' command will show the fingerprint.

نمآلا بطاخال رسج ىلع CUCM ل ةقثلا ةطقن نيوكت 3. ةوطخال

مياظن ةرادا PEM فلم خسن او CUCM نم CallManager ةداهش ليزنتب مق 3.1 ةوطخال
(تاداهشلا ةرادا > نامألا > Cisco نم ةدحوملا ليغشتلا).

The screenshot shows the Cisco Unified Operating System Administration interface. The main window displays a list of certificates under the heading "Certificate List (1 - 42 of 42)". The first certificate, "CallManager", is highlighted with a red box. Its details are shown in a pop-up window titled "Certificate Details for CUCMPUB15.uc.com, CallManager". The details include:

- Status:** Ready
- Certificate Settings:**
 - File Name: CallManager.pem
 - Certificate Purpose: CallManager
 - Certificate Type: certs
 - Certificate Group: product-cm
 - Description (friendly name): Self-signed certificate generated by system
- Certificate File Data:**
 - Version: 3 (0x2)
 - Serial Number: 61:00:28:ab:59:38:cc:7f:75:0c:e0:ce:e8:78:30:cd
 - Signature Algorithm: sha256WithRSAEncryption
 - Issuer: C = CN, O = cisco, OU = a, CN = CUCMPUB15.uc.com, ST = c, L = b
 - Validity:
 - Not Before: Sep 8 10:15:06 2023 GMT
 - Not After: Sep 6 10:15:05 2028 GMT
 - Subject: C = CN, O = cisco, OU = a, CN = CUCMPUB15.uc.com, ST = c, L = b
 - Subject Public Key Info:
 - Public Key Algorithm: rsaEncryption
 - RSA Public-Key: (2048 bit)
 - Modulus:

Buttons for "Regenerate", "Generate CSR", "Download .PEM File", and "Download .DER File" are visible at the bottom of the details window. The "Download .PEM File" button is highlighted with a red box.

تداهش ليزنت CallManager

تداهش لال لوبقل معن بتكاو، pem فلم قصلو، Trust Point ني وكتب مق 3.2 ةوطخلا

```
VG-CME-1(config)#crypto pki trustpoint cucm-pub
VG-CME-1(ca-trustpoint)# enrollment terminal
VG-CME-1(ca-trustpoint)# revocation-check none
VG-CME-1(ca-trustpoint)# crypto pki authenticate cucm-pub
```

Enter the base 64 encoded CA certificate.
End with a blank line or the word "quit" on a line by itself

```
-----BEGIN CERTIFICATE-----
MIIDozCCAougAwIBAgIQYQAoq1k4zH91DOAM6HgWzTANBgkqhkiG9w0BAQsFADBC
MQswCQYDVQQGEwJDTjEOMAwGA1UECgwFY2lyZ28xY28xY28xY28xY28xY28xY28x
BAMMEENVQ01QVUixNS51Yy5jb20xY28xY28xY28xY28xY28xY28xY28xY28xY28x
MjMwOTA4MTAxNTA2WhcNMjMwOTA4MTAxNTA2WhcNMjMwOTA4MTAxNTA2WhcNMjMw
A1UECgwFY2lyZ28xY28xY28xY28xY28xY28xY28xY28xY28xY28xY28xY28xY28x
b20xY28xY28xY28xY28xY28xY28xY28xY28xY28xY28xY28xY28xY28xY28xY28x
DwAwggEKAOlBAQD4Xfdl9MwYy/bSDXzGjtd301vYqKdRqpVYpWD7E+Nrh7zRgHh+
M7gAeqdRCSC/iKUF2g44RCRjIM0C/9xN3pxvOnNequg/Tv0wjpHm0X2O4x0daH+F
AwEIWNyZzVUQ6+2xtkTuUcqeXDnnbS6fLladP/CfgQwKX5U1Ec575ypUet6Fp2n2
4UouLQ5iFEMmX9gzGR7YKjeE+t61X5NmvYc6IyP8MH77sgvti7+xJurIUnvBFG2
ELXM0rL7uUoqw/rjMT6XxK+0ft4bkOsVnjl+vOUUBUoTcbFFrsfrOnVQjPJhHue
MLAaRzkDo5p1xo+UnNgv2uSH9HAID/NS1VTDAGMBAAGjYTBfMAsGA1UdDwQEAwIC
tDAdBgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwHQYDVR0OBBYEFKrlBeQi
```

```
OF6Hp0QCUfVYzKWiXx2hMBIGA1UdEwEB/wQIMAYBAf8CAQAwDQYJKoZIhvcNAQEL
BQADggEBAJSw2vOwJ4UatmkaFpeLc9B1YZr8X6BkxBY1skW2qOLps61ysjDG61VQ
GjxpPLMY1ISyIvR5dqGyjaGLCUDUUCu66zEPxFNGnSYimBBhGR6NrDyo4YjOk+S
1I3TfRK+2F9NMhW2xTvuygoXLtyibvrZULhNo3vDPYQdTe1z54oQNU4BD8P+MCq9
+MzltCXEpVU6Jp71zC5HY+GF+Ab/xKBNzDjyY+OT8BFiO2wC8aaEaBvByNRzCSPD
MpU5cRaKvip2pszoR9mG3Rls4CkK93OX/OzFqklemDmY5WcylcCsybxAMbjdBDY9
err7iQZzjoW3eD5HxJKyVsfjDRtqg8=
-----END CERTIFICATE-----
```

Certificate has the following attributes:

Fingerprint MD5: 259A3F16 A5111877 901F00C8 F58C5CE3

Fingerprint SHA1: E4E91B76 B09C8BDF 81169444 BF5B4D77 E0738987

% Do you accept this certificate? [yes/no]: yes

Trustpoint CA certificate accepted.

% Certificate successfully imported

نم آلا تارمتؤم لارسج يفة قث لال لجأ نم CUCM نيوك تب مق 4. ةوطخل

عجرم لاداهش خسنا SecureCFB.pem فلمك اهظفح او ماع لال ضرغل ادهاش خسنا 4.1 ةوطخل
testCA.pem فلم ئيه لعل اهظفح او قدصم لال

```
VG-CME-1(config)#crypto pki export SecureCFB pem terminal
```

```
% CA certificate:
```

```
-----BEGIN CERTIFICATE-----
```

```
MIIIBzCCAWSgAwIBAgIBATANBgkqhkiG9w0BAQQFADARMQ8wDQYDVQQDEwZ0ZXN0
Q0EwHhcNMjQwNTEwMDg0NDI3WhcNMjcwNTEwMDg0NDI3WjARMQ8wDQYDVQQDEwZ0
ZXN0Q0EwGZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBAM2Lqils9nddFOx/YN7y
hhp9KGI2Eb8Zxq9E2mXfKpHOpbcGEic5ain+rXf1qauA8/pNYwvBurAZm2pWzFHQ
q4qGL8KWDwJCPTwPI5rJOJAMIYzMH4WdQerWP4iEI2LGtxCb1q8b3w0wJE0Q2OG4
4kDSeArkKe0cb26WZC1oVK1jAgMBAAGjYzBhMA8GA1UdEwEB/wQFMAMBAf8wDgYD
VR0PAAQH/BAQDAGGMB8GA1UdIwQYMBaAFJOFqPH+VBcd01d9SzcPhNkWGqcWMB0G
A1UdDgQWBBSThaxj/IQXHdNXfUswqYTZFhqnFjANBgkqhkiG9w0BAQQFAAOBgQAS
V8x9QjJ5pZKmezDYvxPDFe4chlKCD7o8JOcutSdAi7H+2Z+GO4CF55EDTZdLZPtn
GwQ01gbtDX07PTroYRWOSZLSJSdPQITJ3WDNR+NBhZjfe6EzfsLasD8L0VYG96GX
vjRQbdRmqbrG5H0ZUUz0cu93AXjnRI2nLoAkKcrjcQ==
```

```
-----END CERTIFICATE-----
```

```
% General Purpose Certificate:
```



```
-----BEGIN CERTIFICATE-----
```

```
MIIIB6jCCAVogAwIBAgIBajANBgkqhkiG9w0BAQUFADARMQ8wDQYDVQQDEwZ0ZXN0
Q0EwHhcNMjQwNTEwMDg1NTA4WhcNMjcwNTEwMDg0NDI3WjAUMRIwEAYDVQQDEwIT
ZWN1cmVDRklwZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBALhk11yOPnUNTjEQ
JLJIMPnoc6Zb9vDrGollMdsz/czWkTiGCS9PYYxwcpBExOOR+XrE9MmEO7L/tr6n
NkKz84ddWNz0gg6wHWM9gcje22blsleU6UCxo4ovra2pExXphusqEmg5yLQwyeJc
5JqcoAYXuRpnKLTfn5Nnh6iUCsWrAgMBAAGjTzBNMAsGA1UdDwQEAwIFoDAfBgNV
HSMEGDAWgBSThaxj/IQXHdNXfUswqYTZFhqnFjAdBgNVHQ4EFgQU3y9zfDoTJ8WV
XlpX3wdcieq1zpkwDQYJKoZIhvcNAQEFBQADgYEABfaa6ppqRaDyfpW/tu5pXBRHP
SfZzpv+4ktsjAiOG7oGJGT0RpnuikCq+V2oucJbtWWAPbvX+ZBG3Eogi1c2GoDLK
yYvuaf9zBJHicM5mv6x81qxLF7FKZaepQSYwsQUP50/uKXa0435Kj/CzoLpKhXR2
v/p2jzF9zyPIBuQGEOEo=
```

```
-----END CERTIFICATE-----
```

م اظن ةرادا CUCM لعل CallManager ةقث ننخم لىل SecureCFB.PEM لىمحتب مق 4.2 ةوطخل
(تاداهش لال ةرادا > نام آلا > Cisco نم ةدحوم لال لىغش لال)

Upload Certificate/Certificate chain

 Upload  Close

Status



Warning: Uploading a cluster-wide certificate will distribute it to all servers in this cluster

Upload Certificate/Certificate chain

Certificate Purpose*

tomcat-trust

Description(friendly name)

Upload File

Choose File

SCFB.pem

Upload

Close



*- indicates required item.

SecureCFB.pem لي محت

VG. ىل ع نم آلا تارم تؤولا رسج نيوك ت 5 ةوطلخا

```
VG-CME-1(config)#voice-card 0
```

```
VG-CME-1(config-voicecard)# dsp service dspfarm
```

```
VG-CME-1(config)#dspfarm profile 666 conference security
```

```
VG-CME-1(config-dspfarm-profile)# trustpoint SecureCFB
```

```
VG-CME-1(config-dspfarm-profile)# codec g711ulaw
```

```
VG-CME-1(config-dspfarm-profile)# codec g711alaw
```

```
VG-CME-1(config-dspfarm-profile)# codec g729r8
```

```
VG-CME-1(config-dspfarm-profile)# maximum sessions 4
```

```
VG-CME-1(config-dspfarm-profile)# associate application SCCP
```

```
VG-CME-1(config)#sccp local GigabitEthernet 0/1
```

```
VG-CME-1(config)#sccp ccm x.x.x.x identifier 666 version 7.0+ (IP address of CUCM)
```

```
VG-CME-1(config)#sccp
```

```
VG-CME-1(config)#sccp ccm group 666
```

```
VG-CME-1(config-sccp-ccm)# associate ccm 666 priority 1
```

```
VG-CME-1(config-sccp-ccm)# associate profile 666 register SecureCFB
```

```
VG-CME-1(config)#dspfarm profile 666 conference security
```

```
VG-CME-1(config-dspfarm-profile)# no shutdown
```

دراوم > Cisco نم ةدحوم ل CM ةرادا) CUCM ىل ع نم آلا تارم تؤولا رسج نيوك ت 6 ةوطلخا
(ديج ةفاضل > تارم تؤولا رسج > طئاسول)



Cisco Unified CM Administration

For Cisco Unified Communications Solutions

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

Conference Bridge Configuration

Save Delete Copy Reset Apply Config Add New

- Status

Status: Ready

- Conference Bridge Information

Conference Bridge : SecureCFB (SecureCFB)
Registration: Registered with Cisco Unified Communications Manager CUCMPUB15
IPv4 Address: 10.124.42.5

- IOS Conference Bridge Info

Conference Bridge Type* **Cisco IOS Enhanced Conference Bridge**
 Device is trusted
Conference Bridge Name* **SecureCFB**
Description SecureCFB
Device Pool* Default ▾
Common Device Configuration < None > ▾
Location* Hub_None ▾
Device Security Mode* **Encrypted Conference Bridge** ▾
Use Trusted Relay Point* Default ▾

Save Delete Copy Reset Apply Config Add New

نم آلا تارم تؤول رسج نيوك ت

عضو م ادخت ساب 8865NR زارط (IP) تنرتن اإل لوكوتورب فتاوه 3 ليجستب مق 2. ةمه الم نام ألا.

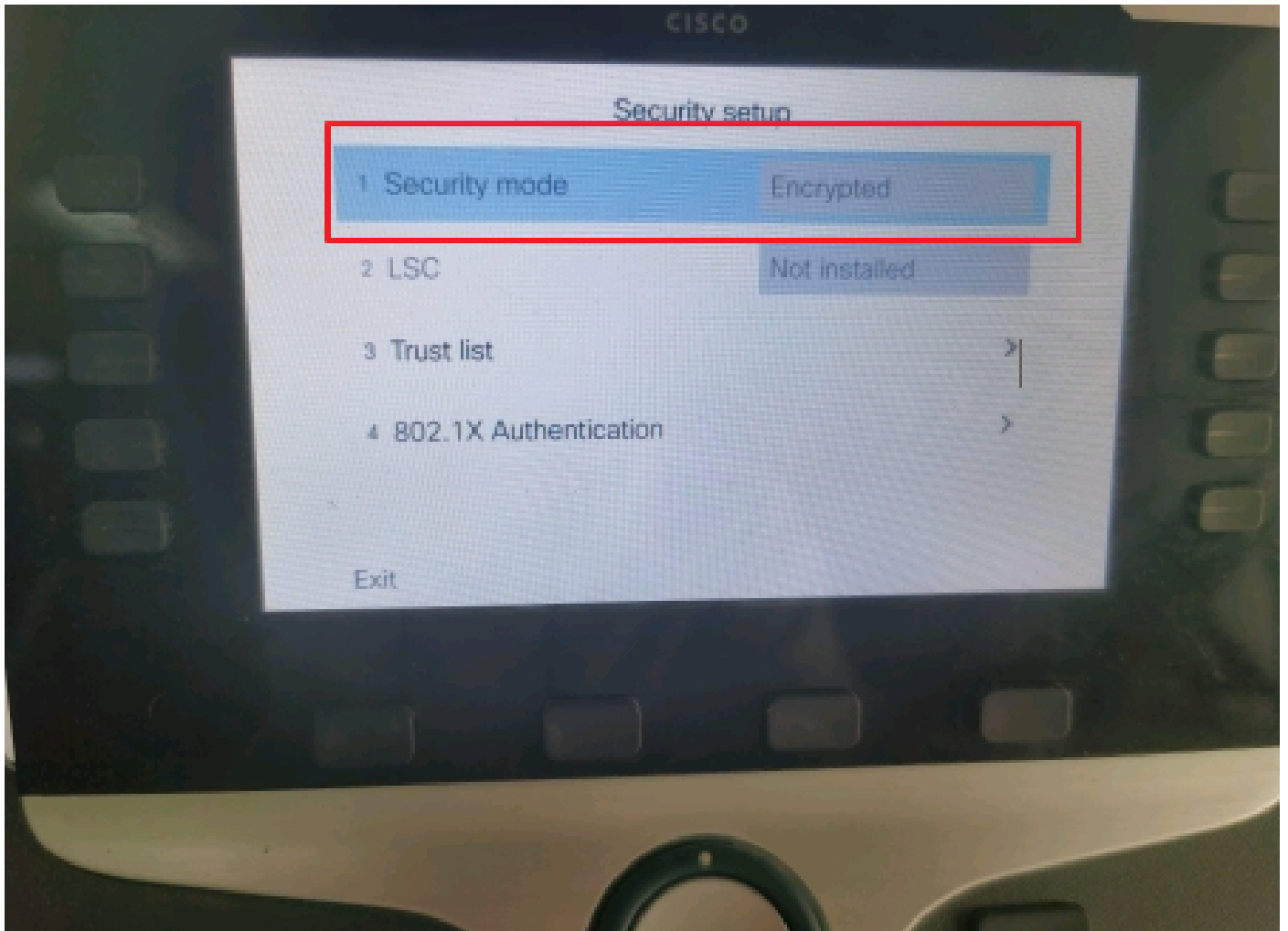
IP فتاه ىل ع رفشم الم عضولا ىل ع زاهج الم نام أ فيرعت فلم نيي عت

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* Universal Device Template - Security Profile - Encryl ▾
Rerouting Calling Search Space < None > ▾
SUBSCRIBE Calling Search Space < None > ▾
SIP Profile* < None > ▾ [View Details](#)
Digest User < None > ▾
 Media Termination Point Required
 Unattended Port
 Require DTMF Reception

رفشم الم عضولا ىل ع زاهج الم نام أ فيرعت فلم نيي عت

نامأل دادع > لوؤسملا تادادع | نمض رفشم مادختساب نامأل عضو IP فتاه ضرعي




نامأل عضو ريفشت مت

"نامأل تارمتؤملا رسج" مادختساب طئاسولا دراوم ةعومجم ةمئاق نيوكتب مق 3. ةمهمل IP فتاوه لئاه نييعتو

ةرادئ) اهل SecureCFB تنيعو MRG_SecureCFB طئاسولا دراوم ةعومجم ءاشناب مق 1. ةوطخلا (طئاسولا دراوم ةعومجم > طئاسولا دراوم > Cisco نم ةدحوملا CM).

Media Resource Group Configuration

 Save  Delete  Copy  Add New

 Status: Ready

Media Resource Group Status

Media Resource Group: SecureCFB (used by 0 devices)

Media Resource Group Information

Name*

Description

Devices for this Group

Available Media Resources**

- ANN_2
- ANN_4
- CFB_2
- CFB_4
- IVR_2

Selected Media Resources*

Use Multi-cast for MOH Audio (If at least one multi-cast MOH resource is available)

طئاسول ةعومجم ءاشن MRG_SecureCFB

تنني ءو MRGL_SecureCFB طئاسول ءراوم ءعومجم ءمئاق ءاشن ءب مق 2 ءوطلءا
(طئاسول ءراوم ءعومجم ءمئاق > طئاسول ءراوم > Cisco Unified CM ءراول) ءل MRG_SecureCFB

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

Media Resource Group List Configuration

Save

Status

Status: Ready

Media Resource Group List Status

Media Resource Group List: New

Media Resource Group List Information

Name*

Media Resource Groups for this List

Available Media Resource Groups

Selected Media Resource Groups

MRGL_SecureCFB طئاسولا دراوم ةومجم ةمئاق عاشنا

تادحو ةمئاق طئاسولا دراوم تاعومجم ةمئاق MRGL_SecureCFB صي صختب مق 3. ةوطخلل 8865NR زارط نيزختل

CISCO United CM Administration For Cisco Unified Communications Solutions

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Phone Configuration

Related Links: [Back To Find/List](#)

Save Delete Copy Reset Apply Config Add New

7	Add a new SD	<input checked="" type="checkbox"/> Device Is Active
8	Add a new SD	<input checked="" type="checkbox"/> Device is trusted
9	Add a new SD	MAC Address* <input type="text" value="A4B439D38E15"/> (SEPA4B439D38E15)
10	Add a new SD	Description <input type="text" value="SEPA4B439D38E15"/>
----- Unassigned Associated Items -----		
11	Add a new SD	<input type="checkbox"/> Require Activation Code for Onboarding
12	Alerting Calls	<input type="checkbox"/> Allow Activation Code via MRA
13	All Calls	Activation Code MRA Service Domain <input type="text" value="-- Not Selected --"/> View Details
14	Answer Oldest	Device Pool* <input type="text" value="test"/> View Details
15	Add a new BLF Directed Call Park	Common Device Configuration <input type="text" value="< None >"/> View Details
16	Call Park	Phone Button Template* <input type="text" value="Standard 8865NR SIP"/>
17	Call Pickup	Softkey Template <input type="text" value="< None >"/>
18	CallBack	Common Phone Profile* <input type="text" value="Standard Common Phone Profile"/> View Details
19	Do Not Disturb	Calling Search Space <input type="text" value="< None >"/>
20	Group Call Pickup	AAR Calling Search Space <input type="text" value="< None >"/>
21	Hunt Group Logout	Media Resource Group List <input type="text" value="MRGL_SecureCFB"/>
22	Intercom [1] - Add a new Intercom	User Hold MOH Audio Source <input type="text" value="< None >"/>
23	Malicious Call Identification	Network Hold MOH Audio Source <input type="text" value="< None >"/>
		Location* <input type="text" value="Hub_None"/>
		AAR Group <input type="text" value="< None >"/>
		User Locale <input type="text" value="< None >"/>

<?xml version="1.0" encoding="UTF-8"?>

<x-cisco-remote-request>

<softkeeveventmsg>

<softkeyevent>رم تؤم</softkeyevent>

<dialogid>

<callid>a4b439d3-8e150007-1991b55f-00f9dcf7@x.x.x.x</callid>

<localtag>a4b439d38e1500333f1eb5d4-68656916</localtag>

<remoteTag>171~ca425666-d5e7-42aa-a428-23dde46063a5-17600290</remotetag>

</dialogid>

<linnumber>0</linnumber>

<participantnum>0</participantnum>

<ةراشتتسالال فرعم>

<callid>a4b439d3-8e150008-415a60f5-7c35c82d@x.x.x.x</callid>

<localtag>a4b439d38e15003562c2c59a-69dbf571</localtag>

<remoteTag>176~ca425666-d5e7-42aa-a428-23dde46063a5-17600292</remotetag>

</ةراشتتسالال/>

<state>أطخ</state>

<Joindialogid>

<callid></callid>

<localtag></localtag>

<remotetag></remotetag>

</joindialogid>

<eventdata>

<invocationtype>ح ي رص</invocationtype>

</eventData>

<userData></userData>

<softkeyid>0</softkeyid>

<applicationId>0</applicationId>

</softkeeveventmsg>

</x-cisco-remote-request>

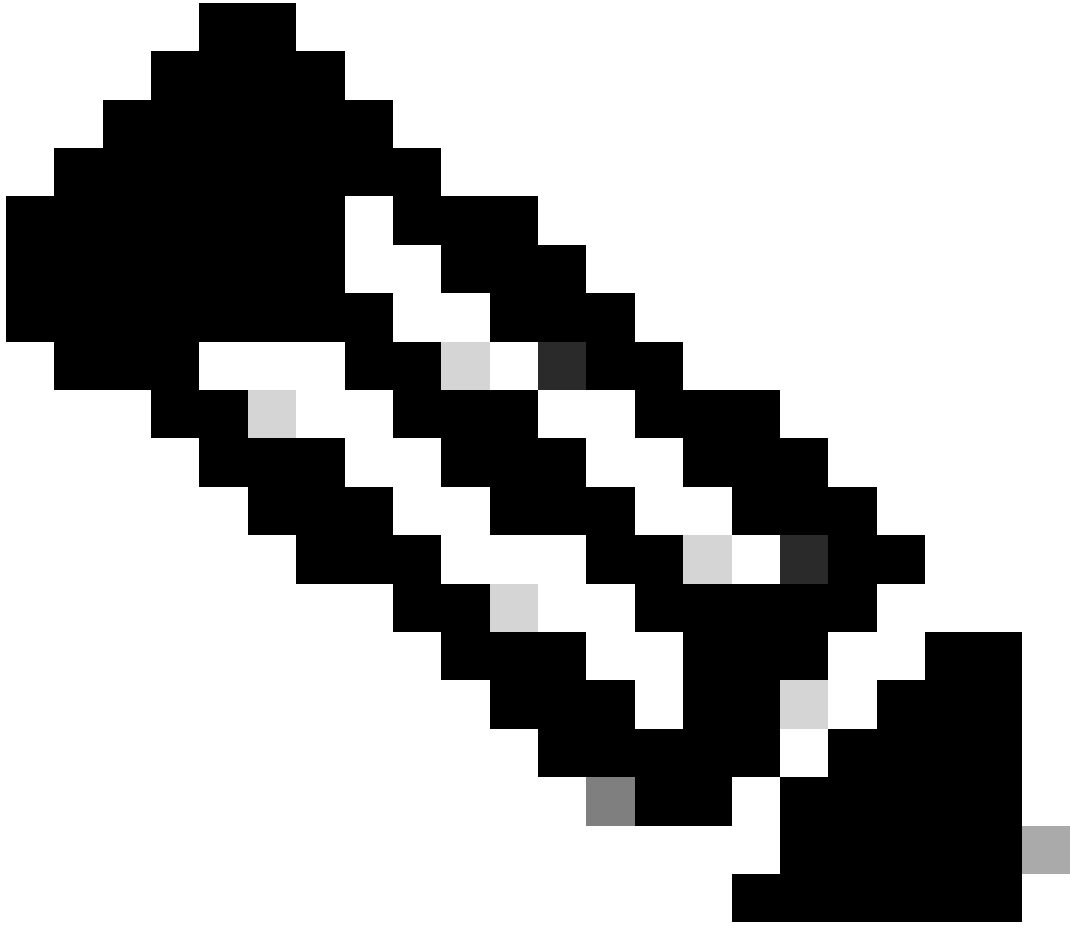
00018751.003 |17:53:18.056 |AppInfo |SIPTcp - SignalCounter = 300

SecureCFB. زاهجلا ىلإ هيچوتلا اريخأو ماقرألا لي لحتب CUCM موقوي، كلذ دعب

00018997.000 |17:53:18.134 |SdISig |CcRegisterPartyB |tcc_register_party_b
|CDCC(1,100,39,7) |cc(1,100,38,1) |1,100,251,1.33^*^* |[R:N-
H:0,N:2,L:0,V:0,Z:0,D:0] CI=17600297 CI.branch=0 CSS=
AdjunctCSS=0CSS=AarDev=F=FQDN=pi=0si1 CallRef=0 OLC=1 Name=locale: 1 Name: 4
UnicodeName: pi: 0 encode=10 sig-encode10xType=10x0x 0 ConnType=3 XferMode=8
ConnTime=3 nwLoc=0IpAddrMode=0 ipAddrType=0 ipv4=x.x.x:0 area=Default CapCount=6
devType=1 mixerCld=1678218 mediaReq=0 portToPort.loc=0 MOH.MRGLPkid=
Moh.userHoldID=0 moh.netHOLDID=0 MOH.supp=1 devName=SECUREFB mobileDevName=
origEMCCallingDevName= mobilePartyNumber=pi=0si1 mobileCallType=0 ctiActive=F
ctiFarEndDev=1 ctiCCMId=1devCepn=38281c14-d78f-46d6-8199-
63297bcfdlineCepn=CapsActive=Video=Caps0Video لاصتال=F MMUpdateCapMask=0x3e
MMCap=0x1 SipConfig: BFCPAllowed=F IXAllowed=F devCap=0 CryptoCapCount=6 secure=3
loginId= UnicodeName: retriedVideo=FFromTag=ToTag=CallId=
UAPortFlag=WantDTMFRecep=1 provOOB 0SUPTP f=1 DTMF Cfg=1 DTMF Pt=() DTMF
ReqMed=1 isPrefAltScript=F cdpnPatternUsage=2 audioPtyId=0NotAppendLineCSS=F ودي DP=
BCUpdate=0BearCap.itc=0BearCap.l=0BearCap.itr=0 م ي م ح م =1
flushCapIns=0GeolocNull=locNull=Pkid= LocName= deductBW=F fateShareId=
VideoTrafficClass=Unspecified BridgeParticipantID callUsr= remoteClusterID=EMCCDevice=F
dtmPrimaryCl=0 dtmMediaFPid=(0,0,0) dtmMcNodeId=0
dtmMTPForDTMFTranslation=Emc=T=QSIGIMER te=F=Eo=0 eoUpdt=1 vCTCUpdt=1
HonorCodec=F HonorUpdt=1 finalCallPartition= cTypeUpdt=0 BibEnabled=0
RecordQSIGAPDUSupported=FFarEndDeviceName=LatentCaps=NULL icidVal= icidGenAddr=
oio= tioi= ptParams= CAL={v=-1, m=-1, tDev=F, res. devType=Show=F,} nameUpdateFieldFlag=0
CFBCtrlSecIcon=F connBeforeANN=F عرض [pi=0si1locale: 1 م س ا :
UnicodeName: pi: 0 mIsCallExternal=F] ControlProcessType=0
controlProcessTypeUpdateFieldFlag=1 origPi=0

ةلص تاذا تامولعم

- https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/security/15_0/cucm_b_security-guide-release-15.pdf
- [Cisco نم تاليزنتلا او ي ن فل ا مع دل ا](#)



طوطخو (ICTs) ةمظنال نيّب لاصتال طوطخ ربع ةنمآلا تارمتؤملا Manager Gateways Unified Communications و Secure Conference over Trunks مءدي :ةطخال م متي يتلا ةرفشملا فتاوهلا نإف ،كلذ عمو ؛MGCP تارابعو H.323 تاباوب/لاصتات متي الو ،H.323 و ICT تاملاكمل RTP ىلا عجرت مدقألا وأ 8.2 رادصلإا اهليغشت رمتؤملا ةلاح نإف ،SIPtrunk لاصتات طخ ىلع رمتؤم لم تشا اذا . طئاسولا ريفشت SIPtrunk لاصتات طخ تاراشا لاسرا مءدي ال ،كلذ ىلإ ةفاضلإاب . ةنمآ ريغ ةنمآلا ةومجمل ماظن جراخ نيكراشم لل ةنمآلا تارمتؤملا تامالعإ

ةمچرتل هذه ل و ح

ةلأل تاي نقتل ن م ة و مچ م ادخت ساب دن تسم ل ا ذه Cisco ت مچرت
م ل ا ل ا ا ن ا ع مچ ي ف ن ي م دخت س م ل ل م عد ي و ت ح م م ي دقت ل ة ي ر ش ب ل و
ا م ك ة ق ي ق د ن و ك ت ن ل ة ل ا ة مچرت ل ض ف ا ن ا ة ظ ح ا ل م ي ج ر ي . ة ص ا خ ل ا م ه ت غ ل ب
Cisco ي ل خ ت . ف ر ت ح م مچرت م ا ه م د ق ي ي ت ل ا ة ي ف ا ر ت ح ا ل ا ة مچرت ل ا ع م ل ا ح ل ا و ه
ي ل ا م ا د ع و ج ر ل ا ب ي ص و ت و ت ا مچرت ل ا هذه ة ق د ن ع ا ه ت ي ل و ئ س م Cisco
Systems (ر ف و ت م ط ب ا ر ل ا) ي ل ص ا ل ا ي ز ي ل ج ن ا ل ا دن ت س م ل ا