

Cisco Unity Express CME Integration Using SIP Protocol

« Cisco Unity Express Initialization (</workbook/view/ccie-collaboration/task/cisco-unity-express-initialization-MzA3Mg%3D%3D>) | Cisco Unity Connection Integration with HQ Cluster using Skinny (</workbook/view/ccie-collaboration/task/cisco-unity-connection-integration-with-hq-cluster-using-skinny-MzA3NA%3D%3D>) »

Last updated: November 10, 2017

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Use the following values for this task:

Voice mail pilot number:	
User ID 1:	(Site C Phone 1)
User ID 2:	(Site C Phone 2)
First Name 1:	(Phone 1)
First Name 2:	(Phone 1)
Last Name:	(Phone 1 and 2)
Password:	
PIN:	
Webadmin Name:	
Webadmin Password:	

Tasks

- Integrate CUE and CUCME using the information shown above.
- MWI should be triggered using unsolicited notify.
- Call Forward to voicemail should happen after 20 seconds if call is not answered or user is busy on another call.
- Call should also be forwarded to voicemail after 20 seconds if call is not answered on your SNR number.

Configuration: [Click to collapse](#)

Site C - R3

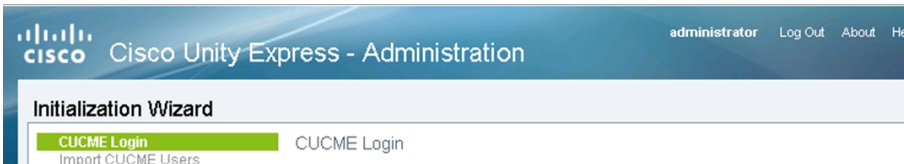
```
dial-peer voice 4220 voip
  destination-pattern ^4220$
  session protocol sipv2
  session target ipv4:11.102.66.253
  voice-class sip bind control source-interface vlan 502
  voice-class sip bind media source-interface vlan 502
  dtmf-relay rtp-nte sip-kpml
  codec g711ulaw
  no vad
!
dial-peer voice 4221 voip
  session protocol sipv2
  incoming called-number 4220$
  voice-class sip bind control source-interface vlan 502
  voice-class sip bind media source-interface vlan 502
  dtmf-relay rtp-nte sip-kpml
  codec ilbc
  no vad
!
dspfarm profile 3 transcode universal
  codec ilbc
  codec g711ulaw
  maximum sessions 4
  associate application SCCP
  no shut
!
sccp ccm group 2
  associate profile 3 register SCXcode
!
no sccp
sccp
!
telephony-service
  sdspfarm tag 3 SCXcode
  sdspfarm transcode sessions 4
  web admin system name admin password C1sc0123
  dn-webedit
  time-webedit
  voicemail 4220
  create cnf-files
!
voice register global
  voicemail 4220
  create profile
!
ip http server
ip http path flash0:/CME-GUI
!
file privilege 0 (There is a bug with CME version 9.1)
```

Click on Run Wizard on the Next Page

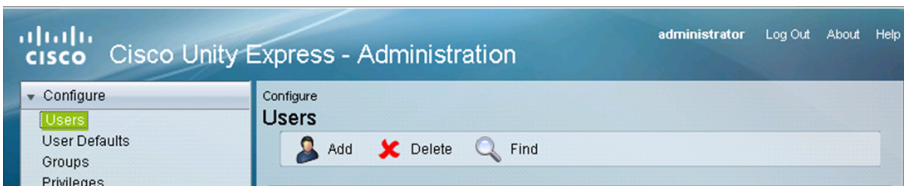
Run Initialization Wizard (recommended)

For CUCME details please enter the following



Enter IP Address
Username
Password



Logout and Login Back again into CUE



Add a New User

 Add  Cancel

Required fields

User ID:


First Name:

Last Name:

Nick Name:

Display Name:

Associated Phone: [Add/Edit](#) [Remove](#)

Primary Extension:
 Other: 

Primary E.164 Number:

Add a New User

 Add  Cancel

Required fields

User ID:

```
ephone-dn 1 dual-line
  huntstop channel 1
  call-forward busy 4220
  call-forward noan 4220 timeout 20
  snr 970054000 delay 10 timeout 15 cfw-noan 4220
  mwi sip
!
voice register dn 1
  call-forward b2bua busy 4220
  call-forward b2bua noan 4220 timeout 20
  huntstop channel 1
  mwi
!
sip-ua
mwi-server ipv4:11.102.66.253 transport udp unsolicited
```

Verification

Call from Site B to Site C Phone 1 and answer the call.

Call from Site C Phone 2 to Site C Phone 1 and check if it is forwarded to voicemail and you are able to leave a message.

Check if MWI triggers on Site C Phone 1 and after message being played and deleted MWI should turn OFF.

In CUE change the dtmf as below:

```
ccn subsystem sip
dtmf-relay rtp-nte
```

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