

# 帶直接IP定址的Cisco Unity Express網路

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## 簡介

本文檔提供四個站點之間的Cisco Unity Express語音郵件語音配置檔案Internet郵件(VPIM)網路的示例配置。其中兩個站點是Cisco CallManager Express (CME)站點，而另外兩個站點由中央Cisco CallManager控制。您的網路可能專屬於Cisco CME或專屬於Cisco CallManager。要在此配置後建立網路模型，請參閱與預期部署匹配的配置。此配置方案支援所有四個站點之間的語音郵件聯網。該配置具有以下特性：

- 網狀網路-所有站點均可從所有其他站點傳送和接收語音消息。一個網路中最多可連線500個Cisco Unity Express站點。
- 站點之間的VPIM網路使用直接IP定址。您也可以使用網域名稱系統(DNS)定址來設定這些組態，但此組態範例中未顯示這些組態。
- 網路在所有站點上都使用固定長度的四位數撥號方案。例如，站點2的電話分配為2001和2002，站點3的電話分配為3001和3002。只要撥四位分機，網路中的所有IP電話都可以相互呼叫。
- 站點的網路位置ID與站點編號相同。例如，站點2的位置ID為2，站點3的位置ID為3。
- 這四個站點的配置中未顯示PSTN連線，因為這與Cisco Unity Express網路配置無關。聯網的

真實辦公室包括這一額外元件。

## 必要條件

以下各節提供了瞭解此配置示例的重要資訊。繼續進行組態範例之前，請先閱讀以下各節：

### 需求

本文件沒有特定需求。

### 採用元件

本文中的資訊係根據以下軟體和硬體版本：

- 在站點2，運行Cisco CME和Cisco Unity Express的Cisco 3725路由器
- 在站點3，運行Cisco CME和Cisco Unity Express的Cisco 2691路由器
- 在站點4，運行Cisco Secure Survivable Remote Site Telephony (SRST)和Cisco Unity Express的Cisco 3725路由器
- 在站點6，運行Cisco SRST和Cisco Unity Express的Cisco 3725路由器
- Cisco IOS版本12.3(11)T
- Cisco CME 3.2
- Cisco Unity Express 2.0
- IP Voice Cisco IOS功能集

所有站點都透過乙太網連線到IP網路。所有站點都有兩部Cisco 7960 IP電話。對於Cisco CME站點（站點2和3），IP電話和撥號方案由Cisco CME控制。對於其他兩個站點（站點4和6），IP電話和撥號方案由中央Cisco CallManager控制，並且路由器配置用於SRST操作。

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路運作中，請確保您已瞭解任何指令可能造成的影響

### 相關產品

此配置還可用於以下硬體和軟體版本：

- Cisco 2800系列路由器
- Cisco 3800系列路由器
- 對於Cisco 2800系列路由器，Cisco IOS版本12.3(8)T4或更高版本。適用於Cisco 3800系列路由器，Cisco IOS版本12.3(11)T和更新版本。

### 慣例

如果適用，本文檔使用表1中的約定。

表1 Cisco Unity Express配置示例文檔約定

慣例	說明
粗體文字	粗體文字用於： <ul style="list-style-type: none"> <li>• 按鍵和按鈕名稱。( 範例：按一下「確定」。 )</li> <li>• 您輸入的資訊。(範例：在「使用者名稱」(User Name)方塊中輸入管理員。)</li> </ul>
< > ( 尖括弧 )	尖括弧用於提供值的引數周圍。( 示例：在命令提示符窗口中，輸入ping <IP地址>。 )
- ( 連字型大小 )	用連字元分隔必須同時按下的按鍵。( 示例：按Ctrl+Alt+Delete。 )
> ( 右尖括弧 )	右角括弧可用來分隔您所做的選擇： <ul style="list-style-type: none"> <li>• 在選單上。( 示例：在Windows「開始」選單上，按一下「設定」&gt;「控制台」&gt;「電話和數據機選項」。 )</li> <li>• 在Cisco Unity Administrator的導航欄中。(示例：轉到系統(System) &gt;配置(Configuration) &gt;設定(Settings)頁面。)</li> </ul>
在IP V4格式地址的高位地址範圍中使用的字母a。 範例： a .23.10.224	代表A類公有Internet地址或網路。僅用於說明目的，以防止使用公共號碼。
電話號碼中使用的x和y字母 範例： 2 xx . yyy .1234	代表電話號碼的區碼和字首。僅用於說明目的，以防止使用公共號碼。

本檔案也使用下列一般慣例：

**注意：**表示讀者需要注意。註記包含有用的建議或檔案未涵蓋的材料的參照。

**警告：**表示讀者應小心。在這種情況下，您可能會執行一些可能導致裝置損壞或資料丟失的操作。

如需文件慣例的詳細資訊，請參閱[思科技術提示慣例](#)。

## 設定

本節提供用於設定本文件中所述功能的資訊。

注意：要查詢關於用於本文的命令的其他資訊，請使用[命令查詢工具](#)（僅限註冊客戶）。

## 網路圖表

本文檔使用下圖所示的網路設定。

站點2位置使用具有以下特徵的Cisco 3725路由器：

- 透過IP地址a.3.235.1訪問IP網路
- 帶有兩個IP電話、分機2001和2002的Cisco CME配置
- PSTN區碼2xx
- NM-CUE
- Cisco Unity Express IP地址a.3.235.128
- 網路位置ID 2

站點3位置使用具有以下特徵的Cisco 2691路由器：

- 透過IP地址a.3.229.1訪問IP網路
- 帶有兩個IP電話、分機3001和3002的Cisco CME配置
- PSTN區碼3xx
- NM-CUE
- Cisco Unity Express IP地址a.3.229.128
- 網路位置ID 3

站點4位置使用具有以下特徵的Cisco 3725路由器：

- 透過IP地址a.3.231.10訪問IP網路
- Cisco CallManager/SRST配置，帶兩個IP電話，分機4001和4002
- PSTN區碼4xx
- NM-CUE
- Cisco Unity Express IP地址a.3.231.128
- 網路位置ID 4

站點6位置使用具有以下特徵的Cisco 3745路由器：

- 透過IP地址a.3.245.1訪問IP網路
- Cisco CallManager/SRST配置，帶兩個IP電話，分機6001和6002
- PSTN區碼6xx
- NM-CUE
- Cisco Unity Express IP地址a.3.245.128
- 網路位置ID 6

## 組態秘訣

- 確保可以在站點之間ping通，然後再進行呼叫。
- 在嘗試Cisco Unity Express聯網之前，請確保您可以在站點之間撥打電話。
- 確保可以在每個站點的Cisco Unity Express節點之間ping。

## 組態

本文檔使用以下配置。

- 站點2配置 ( Cisco 3725/Cisco CME路由器 ) , 第5頁)
- 站點3配置 ( Cisco 2691/Cisco CME路由器 ) , 第11頁)
- 站點4配置 ( Cisco 3725 SRST路由器 ) , 第16頁)
- 站點6配置 ( Cisco 3745 SRST路由器 ) , 第21頁)

## 站點2配置 ( Cisco 3725/Cisco CME路由器 )

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### • 路由器配置

路由器配置的相關摘錄如下所示：

```
cme-3725#
show running-config
Current configuration : 8184 bytes
!
! Last configuration change at 11:01:46 PST Fri Nov 5 2004
! NVRAM config last updated at 08:29:05 PST Fri Nov 5 2004
!
version 12.3
service timestamps debug uptime
service timestamps log uptime
no service password-encryption
!
hostname cme-3725
!
boot-start-marker
boot system flash:c3725-ipvoice-mz.123-10.3.PI5
boot-end-marker
!
! Allow intersite H.323 calls to reach Cisco Unity Express
!
voice service voip
  allow-connections h323 to sip
!
!
! IP address of the router
!
interface FastEthernet0/0
  ip address a.3.235.1 255.255.0.0
  duplex auto
  speed auto
  no cdp enable
!
interface FastEthernet0/1
  ip address a.1.1.100 255.255.0.0
  speed auto
  half-duplex
  no cdp enable
!
! IP address of Cisco Unity Express
!
```

```
interface Service-Engine1/0
 ip unnumbered FastEthernet0/0
 service-module ip address a.3.235.128 255.255.0.0
 service-module ip default-gateway a.3.235.1
 hold-queue 60 out
!
ip classless
ip route a.3.235.128 255.255.255.255 Service-Engine1/0
!
! Dial-peer to allow calls to forward from Cisco CME to Cisco Unity Express
!
dial-peer voice 2100 voip
 destination-pattern 21..
 session protocol sipv2
 session target ipv4:a.3.235.128
 dtmf-relay sip-notify
 codec g711ulaw
 no vad
!
! Dial-peers to direct intersite calls
!
dial-peer voice 3000 voip
 destination-pattern 3...
 session target ipv4:a.3.229.1
 dtmf-relay h245-alphanumeric
 codec g711ulaw
 no vad
!
dial-peer voice 4000 voip
 destination-pattern 4...
 session target ipv4:a.3.231.5
 dtmf-relay h245-alphanumeric
 codec g711ulaw
 no vad
!
dial-peer voice 6000 voip
 destination-pattern 6...
 session target ipv4:a.3.231.5
 dtmf-relay h245-alphanumeric
 codec g711ulaw
 no vad
!
!
telephony-service
 load 7960-7940 P00303020214
 max-ephones 50
 max-dn 120
 ip source-address a.1.1.100 port 2000
 time-format 24
 date-format dd-mm-yy
 auto assign 1 to 5
 timeouts interdigit 20
 timeouts ringing 120
 system message CME-3725
 create cnf-files version-stamp 7960 Sep 27 2004 12:31:02
 voicemail 2105
 max-conferences 8
 moh music-on-hold.au
 web admin system name admin password cisco
 web admin customer name custlogin password custpswd
 dn-webedit
 time-webedit
```

```

transfer-system full-consult
transfer-pattern 3...
transfer-pattern 2...
directory last-name-first
!
!
! Extension definitions
!
ephone-dn 1 dual-line
number 2001 secondary 2xyyy2001
label Alice
description Alice Davidson
name Alice Davidson
call-forward max-length 4
call-forward busy 2105
call-forward noan 2105 timeout 10
!
!
ephone-dn 2 dual-line
number 2002 secondary 2xyyy2002
label Aaron
description Aaron Wilkins
name Aaron Wilkins
call-forward max-length 8
call-forward busy 2105
call-forward noan 2105 timeout 10
!
!
! Dial-peers for MWI
!
ephone-dn 51
number 8000....
mwi on
!
!
ephone-dn 52
number 8001....
mwi off
!
!
!
! IP phone definitions
!
ephone 1
ephone-template 1
username "adavidson"
mac-address 0003.6BAA.D1F8
type 7960
button 1:1
!
!
!
ephone 2
ephone-template 1
username "awilkins"
mac-address 0003.6BAA.D362
type 7960
button 1:2

```

- Cisco Unity Express配置

Cisco Unity Express的配置如下所示：

```
cue-cme3725#
show running-config
Generating configuration:
clock timezone America/Los_Angeles
hostname cue-cme3725
ip domain-name localdomain
ntp server a.3.135.1
software download server url "ftp://127.0.0.1/ftp"
  credentials hidden "6u/dKTN/hsEuSAEfw40X1F2eFHnZfyUTSd8ZZNgd+Y9J3x1k2B35j0nfGWYHfmPSd8ZZNgd+Y9J3x1k
groupname Administrators create
groupname Broadcasters create
groupname Sales create
username adavidson create
username awilkins create
username acoley create
username awyant create
username amcdougal create
username admin create
groupname Sales phonenumbersE164 "2xxyyy2050"
groupname Sales phonenumbers "2050"
username adavidson phonenumbersE164 "2xxyyy2001"
username awilkins phonenumbersE164 "2xxyyy2002"
username acoley phonenumbersE164 "2xxyyy2003"
username awyant phonenumbersE164 "2xxyyy2004"
username amcdougal phonenumbersE164 "2xxyyy2005"
username adavidson phonenumbers "2001"
username awilkins phonenumbers "2002"
username acoley phonenumbers "2003"
username awyant phonenumbers "2004"
username amcdougal phonenumbers "2005"
groupname Administrators member admin
groupname Sales member acoley
groupname Sales member awilkins
groupname Administrators privilege superuser
groupname Administrators privilege ManagePrompts
backup server url "ftp://a.3.231.201/cme3725/"
  credentials hidden "1SDP4vScNKcZiy6dHQHfn14zv1buAn9Sd8ZZNgd+Y9J3x1k2B35j0nfGWYHfmPSd8ZZNgd+Y9J3x1k
ccn application autoattendant
description "autoattendant"
enabled
maxsessions 8
script "aa.aef"
parameter "MaxRetry" "3"
parameter "operExtn" "0"
parameter "welcomePrompt" "AAWelcome.wav"
end application
ccn application ciscoWiapplication
description "ciscoWiapplication"
enabled
maxsessions 8
script "setmwi.aef"
parameter "strMWI_OFF_DN" "8001"
parameter "strMWI_ON_DN" "8000"
parameter "CallControlGroupID" "0"
end application
ccn application custom-aa
description "custom-aa"
enabled
```



```
maxsessions 8
script "s1_main-officehours.aef"
parameter "MainOperExt" "2001"
end application
ccn application promptmgmt
description "promptmgmt"
enabled
maxsessions 1
script "promptmgmt.aef"
end application
ccn application voicemail
description "voicemail"
enabled
maxsessions 8
script "voicebrowser.aef"
parameter "logoutUri" "http://localhost/voicemail/vxmlscripts/mbxLogout.jsp"
parameter "uri" "http://localhost/voicemail/vxmlscripts/login.vxml"
end application
ccn engine
end engine
ccn subsystem jtapi
ccm-manager address
end subsystem
ccn subsystem sip
gateway address "a.3.235.1"
end subsystem
ccn trigger sip phonenumber 2100
application "custom-aa"
enabled
locale "en_US"
maxsessions 8
end trigger
ccn trigger sip phonenumber 2102
application "autoattendant"
enabled
locale "en_US"
maxsessions 8
end trigger
ccn trigger sip phonenumber 2105
application "voicemail"
enabled
idletimeout 5000
locale "en_US"
maxsessions 8
end trigger
ccn trigger sip phonenumber 2106
application "promptmgmt"
enabled
idletimeout 5000
locale "en_US"
maxsessions 1
end trigger
! Definitions of the four networking sites
network location id 2
abbreviation "S2"
email domain a.3.235.128
name "site2-cme-3725"
end location
network location id 3
abbreviation "S3"
email domain a.3.229.128
name "site3-cme-2691"
```

```
end location
network location id 4
  abbreviation "S4"
  email domain a.3.231.128
  name "site4-ccm-3725"
end location
network location id 6
  abbreviation "S6"
  email domain a.3.245.128
  name "site6-ccm-3745"
end location
! Definition of this site's location ID
network local location id 2
voicemail default expiration time 30
voicemail default language en_US
voicemail default mailboxsize 5520
voicemail recording time 900
voicemail default messagesize 60
voicemail operator telephone 2001
voicemail capacity time 6000
voicemail mailbox owner "Sales" size 5520
  description "Sales mailbox"
  zerooutnumber "2100"
end mailbox
voicemail mailbox owner "acoley" size 5520
  description "acoley mailbox"
  zerooutnumber "2100"
end mailbox
voicemail mailbox owner "adavidson" size 5520
  description "adavidson mailbox"
  zerooutnumber "2100"
end mailbox
voicemail mailbox owner "amcdougal" size 5520
  description "amcdougal mailbox"
  zerooutnumber "2100"
end mailbox
voicemail mailbox owner "awilkins" size 5520
  description "awilkins mailbox"
  zerooutnumber "2100"
end mailbox
voicemail mailbox owner "awyant" size 5520
  description "awyant mailbox"
  zerooutnumber "2100"
end mailbox
end
```

---

## 站點3配置 ( Cisco 2691/Cisco CME路由器 )

---

- 路由器配置

路由器配置的相關摘錄如下所示：

```
cme-2691#
show running-config
Building configuration...
```

```
Current configuration : 4868 bytes
!
! Last configuration change at 07:35:10 PST Fri Oct 22 2004
! NVRAM config last updated at 12:07:37 PST Fri Oct 22 2004
!
version 12.3
service timestamps debug uptime
service timestamps log uptime
no service password-encryption
!
hostname cme-2691
!
boot-start-marker
boot system flash:c2691-ipvoice-mz.123-10.3.PI5
boot-end-marker
!
! Allow intersite H.323 calls to reach Cisco Unity Express
!
voice service voip
  allow-connections h323 to sip
!
! IP address of the router
!
interface FastEthernet0/0
  ip address a.3.229.1 255.255.0.0
  no ip mroute-cache
  load-interval 30
  duplex auto
  speed auto
!
interface FastEthernet0/1
  ip address a.10.1.100 255.255.0.0
  no ip mroute-cache
  duplex auto
  speed auto
!
! IP address of Cisco Unity Express
!
interface Service-Engine1/0
  ip unnumbered FastEthernet0/0
  service-module ip address a.3.229.128 255.255.0.0
  service-module ip default-gateway a.3.229.1
!
ip classless
ip route a.3.229.128 255.255.255.255 Service-Engine1/0
!
ip http server
ip http path flash:
!
! Dial-peer to allow calls to forward from Cisco CME to Cisco Unity Express
!
dial-peer voice 3100 voip
  description VM-AA
  destination-pattern 31..
  session protocol sipv2
  session target ipv4:a.3.229.128
  dtmf-relay sip-notify
  codec g711ulaw
  no vad
!
! Dial-peers to direct intersite calls
!
```

```
dial-peer voice 2000 voip
 destination-pattern 2...
 session target ipv4:a.3.235.1
 dtmf-relay h245-alphanumeric
 codec g711ulaw
 no vad
!
dial-peer voice 4000 voip
 destination-pattern 4...
 session target ipv4:a.3.231.5
 dtmf-relay h245-alphanumeric
 codec g711ulaw
 no vad
!
dial-peer voice 6000 voip
 destination-pattern 6...
 session target ipv4:a.3.231.5
 dtmf-relay h245-alphanumeric
 codec g711ulaw
 no vad
!
!
telephony-service
 load 7960-7940 P00303020214
 max-ephones 48
 max-dn 192
 ip source-address a.10.1.100 port 2000
 system message CME-2691
 create cnf-files version-stamp 7960 Jul 15 2003 13:48:12
 voicemail 3105
 max-conferences 8
 web admin system name admin password cisco
 dn-webedit
 time-webedit
 transfer-system full-consult
 transfer-pattern 3...
 transfer-pattern 2...
!
! Extension definitions
!
ephone-dn 1 dual-line
 number 3001
 description User1
 name User1
 call-forward busy 3105
 call-forward noan 3105 timeout 10
!
!
ephone-dn 2 dual-line
 number 3002
 description User2
 name User2
 call-forward busy 3105
 call-forward noan 3105 timeout 10
!
!
! Dial-peers for MWI
!
ephone-dn 51
 number 8000....
 mwi on
!
```



```
enabled
maxsessions 8
script "aa.aef"
parameter "MaxRetry" "3"
parameter "operExtn" "0"
parameter "welcomePrompt" "AAgreeting.wav"
end application
ccn application ciscoMWIapplication
description "ciscoMWIapplication"
enabled
maxsessions 8
script "setMWI.aef"
parameter "strMWI_OFF_DN" "8001"
parameter "strMWI_ON_DN" "8000"
parameter "CallControlGroupID" "0"
end application
ccn application promptmgmt
description "promptmgmt"
enabled
maxsessions 1
script "promptmgmt.aef"
end application
ccn application voicemail
description "voicemail"
enabled
maxsessions 8
script "voicebrowser.aef"
parameter "logoutUri" "http://localhost/voicemail/vxmlscripts/mbxLogout.jsp"
parameter "uri" "http://localhost/voicemail/vxmlscripts/login.vxml"
end application
ccn engine
end engine
ccn subsystem jtapi
ccm-manager address
end subsystem
ccn subsystem sip
gateway address "a.3.229.1"
end subsystem
ccn trigger sip phonenumber 3100
application "autoattendant"
enabled
maxsessions 8
end trigger
ccn trigger sip phonenumber 3105
application "voicemail"
enabled
maxsessions 8
end trigger
ccn trigger sip phonenumber 3106
application "promptmgmt"
enabled
maxsessions 1
end trigger
! Definitions of the four networking sites
network location id 2
abbreviation "S2"
email domain a.3.235.128
name "site2-cme-3725"
end location
network location id 3
abbreviation "S3"
email domain a.3.229.128
```

```
name "site3-cme-2691"
end location
network location id 4
abbreviation "S4"
email domain a.3.231.128
name "site4-ccm-3725"
end location
network location id 6
abbreviation "S6"
email domain a.3.245.128
name "site6-ccm-3745"
end location
! Definition of this site's location ID
network local location id 3
voicemail default expiration time 60
voicemail default language en_US
voicemail default mailboxsize 5520
voicemail recording time 900
voicemail default messagesize 60
voicemail operator telephone 0
voicemail capacity time 6000
voicemail mailbox owner "User1" size 5520
end mailbox
voicemail mailbox owner "User2" size 5520
end mailbox
voicemail mailbox owner "User3" size 5520
end mailbox
voicemail mailbox owner "User4" size 5520
end mailbox
voicemail mailbox owner "User5" size 5520
end mailbox
voicemail mailbox owner "User6" size 5520
end mailbox
voicemail mailbox owner "customer-service" size 5520
description "customer-service mailbox"
zerooutnumber "3101"
end mailbox
end
```

---

## 站點4配置 ( Cisco 3725 SRST路由器 )

---

- 路由器配置

路由器配置的相關摘錄如下所示：

```
ccm_3725#
show running-config
Building configuration...
Current configuration : 2278 bytes
!
! Last configuration change at 07:11:44 PST Wed Nov 10 2004
! NVRAM config last updated at 07:11:52 PST Wed Nov 10 2004
!
version 12.3
service timestamps debug datetime msec
```

```
service timestamps log datetime msec
no service password-encryption
!
hostname ccm_3725
!
boot-start-marker
boot system flash:c3725-ipvoice-mz.123-10.3.PI5
boot-end-marker
!
! Allow intersite H.323 calls to reach Cisco Unity Express during SRST
!
voice service voip
  allow-connections h323 to sip
!
! IP address of the router
!
interface FastEthernet0/0
  ip address a.3.231.10 255.255.0.0
  speed auto
  half-duplex
!
interface FastEthernet0/1
  no ip address
  shutdown
  duplex auto
  speed auto
!
! IP address of Cisco Unity Express
!
interface Service-Engine1/0
  ip unnumbered FastEthernet0/0
  service-module ip address a.3.231.128 255.255.0.0
  service-module ip default-gateway a.3.231.10
!
ip classless
ip route a.3.231.128 255.255.255.255 Service-Engine1/0
!
ip http server
ip http path flash:
!
! Dial-peer to allow calls to forward from Cisco SRST to Cisco Unity Express
!
dial-peer voice 4100 voip
  destination-pattern 41..
  session protocol sipv2
  session target ipv4:a.3.231.128
  dtmf-relay sip-notify
  codec g711ulaw
  no vad
!
! SRST definition to ensure Cisco Unity Express and IP Phone operation during Cisco CallManager unavail.
!
call-manager-fallback
  max-conferences 8
  ip source-address a.3.231.5 port 2000
  max-ephones 24
  max-dn 48
  voicemail 4105
  call-forward busy 4105
  call-forward noan 4105 timeout 7
```



- Cisco Unity Express配置

Cisco Unity Express的配置如下所示：

```
cue-ccm3725#
show running-config
Generating configuration:
clock timezone America/Adak
hostname cue-ccm3725
ip domain-name localdomain
ntp server a.3.231.10
software download server url "ftp://127.0.0.1/ftp"
  credentials hidden "6u/dKTN/hsEuSAEfw40X1F2eFHnZfyUTSd8ZZNgd+Y9J3x1k2B35j0nfGWYHfmPSd8ZZNgd+Y9J3x1k"
groupname Administrators create
username admin create
username Bob create
username anders create
username zacks create
username Bob phonenumber "4002"
username anders phonenumber "4001"
groupname Administrators member admin
groupname Administrators member anders
groupname Administrators privilege superuser
groupname Administrators privilege ManagePrompts
backup server url "ftp://a.3.231.244/ccm3725_8nov/"
  credentials hidden "GixGRq8cUmFqrOHVxftjAknfGWYHfmPSd8ZZNgd+Y9J3x1k2B35j0nfGWYHfmPSd8ZZNgd+Y9J3x1k"
ccn application abccorp
  description "abccorp"
  enabled
  maxsessions 8
  script "sample_aa.aef"
  parameter "prompt_ABCWelcome" "prompt_ABCWelcome.wav"
  parameter "extn_Operator" "4002"
  parameter "extn_Sales" "4002"
  parameter "prompt_Operator" "prompt_Operator.wav"
  parameter "extn_UserEntered" "2002"
  parameter "prompt_Support" "prompt_support.wav"
  parameter "prompt_Hours" "prompt_Hours.wav"
  parameter "extn_Support" "918xyyy2121"
  parameter "prompt_Extension" "prompt_Extension.wav"
  parameter "prompt_Sales" "prompt_Sales.wav"
end application
ccn application autoattendant
  description "autoattendant"
  enabled
  maxsessions 8
  script "aa.aef"
  parameter "MaxRetry" "3"
  parameter "operExtn" "0"
  parameter "welcomePrompt" "AAWelcome.wav"
end application
ccn application ciscomwiapplication
  description "ciscomwiapplication"
  enabled
  maxsessions 8
  script "setmwi.aef"
  parameter "strMWI_OFF_DN" "8001"
  parameter "strMWI_ON_DN" "8000"
  parameter "CallControlGroupID" "0"
end application
```

```
ccn application promptmgmt
  description "promptmgmt"
  enabled
  maxsessions 1
  script "promptmgmt.aef"
end application
ccn application voicemail
  description "voicemail"
  enabled
  maxsessions 8
  script "voicebrowser.aef"
  parameter "logoutUri" "http://localhost/voicemail/vxmlscripts/mbxLogout.jsp"
  parameter "uri" "http://localhost/voicemail/vxmlscripts/login.vxml"
end application
ccn engine
end engine
ccn subsystem jtapi
  ctiport 4901 4902 4903 4904
  ccm-manager address a.3.231.5
  ccm-manager
    credentials hidden "QiUfMZRFsRBqrOHVxftjAknfGWTYHfmPSd8ZZNgd+Y9J3x1k2B35j0nFGWTYHfmPSd8ZZNgd+Y9J3x1"
  end subsystem
ccn subsystem sip
  gateway address "a.3.231.10"
end subsystem
ccn trigger jtapi phonenumber 4100
  application "autoattendant"
  enabled
  locale "en_US"
  maxsessions 8
end trigger
ccn trigger jtapi phonenumber 4101
  application "abccorp"
  enabled
  locale "en_US"
  maxsessions 8
end trigger
ccn trigger jtapi phonenumber 4105
  application "voicemail"
  enabled
  locale "en_US"
  maxsessions 8
end trigger
ccn trigger jtapi phonenumber 4106
  application "promptmgmt"
  enabled
  locale "en_US"
  maxsessions 1
end trigger
ccn trigger sip phonenumber 4100
  application "autoattendant"
  enabled
  locale "en_US"
  maxsessions 8
end trigger
ccn trigger sip phonenumber 4101
  application "abccorp"
  enabled
  locale "en_US"
  maxsessions 8
end trigger
ccn trigger sip phonenumber 4105
```

```
application "voicemail"
enabled
locale "en_US"
maxsessions 8
end trigger
ccn trigger sip phonenumber 4106
application "promptmgmt"
enabled
locale "en_US"
maxsessions 1
end trigger
! Definitions of the four networking sites
network location id 2
abbreviation "S2"
email domain a.3.235.128
name "site2-cme-3725"
end location
network location id 3
abbreviation "S3"
email domain a.3.229.128
name "site3-cme-2691"
end location
network location id 4
abbreviation "S4"
email domain a.3.231.128
name "site4-ccm-3725"
end location
network location id 6
abbreviation "S6"
email domain a.3.245.128
name "site6-ccm-3745"
end location
! Definition of this site's location ID
network local location id 4
voicemail default expiration time 30
voicemail default language en_US
voicemail default mailboxsize 3000
voicemail recording time 900
voicemail default messagesize 60
voicemail operator telephone 0
voicemail capacity time 6000
voicemail mailbox owner "Bob" size 3000
end mailbox
voicemail mailbox owner "anders" size 3000
end mailbox
voicemail mailbox owner "zacks" size 3000
end mailbox
end
```

---

## 站點6配置 ( Cisco 3745 SRST路由器 )

---

- 路由器配置

路由器配置的相關摘錄如下所示：

```
ccm_3745#
show running-config
Building configuration...
Current configuration : 3295 bytes
!
! Last configuration change at 02:46:54 UTC Fri Apr 12 2002
! NVRAM config last updated at 17:20:53 UTC Thu Apr 11 2002
!
version 12.3
service timestamps debug datetime msec
service timestamps log datetime msec
no service password-encryption
!
hostname ccm_3745
!
boot-start-marker
boot system flash:c3745-ipvoice-mz.123-10.3.PI5
boot-end-marker
!
!
! Allow intersite H.323 calls to reach Cisco Unity Express during SRST
!
voice service voip
  allow-connections h323 to sip
!
! IP address of the router
!
interface FastEthernet0/0
  ip address a.3.245.1 255.255.0.0
  speed auto
  half-duplex
  no mop enabled
!
interface FastEthernet0/1
  ip address 172.19.153.31 255.255.0.0
  duplex auto
  speed auto
!
! IP address of Cisco Unity Express
!
interface Service-Engine1/0
  ip unnumbered FastEthernet0/0
  service-module ip address a.3.245.128 255.255.0.0
  service-module ip default-gateway a.3.245.1
!
!
ip classless
ip route a.3.245.128 255.255.255.255 Service-Engine1/0
!
ip http server
ip http path flash:
!
!
! Dial-peer to allow calls to forward from Cisco SRST to Cisco Unity Express
!
dial-peer voice 6100 voip
  destination-pattern 61..
  session protocol sipv2
  session target ipv4:a.3.245.128
  dtmf-relay sip-notify
  codec g711ulaw
  no vad
```

```

!
! SRST definition to ensure Cisco Unity Express and IP Phone operation during Cisco CallManager unavail
!
call-manager-fallback
max-conferences 8
ip source-address a.3.231.5 port 2000
max-ephones 24
max-dn 48
voicemail 6105
call-forward busy 6105

```

- Cisco Unity Express配置

Cisco Unity Express的配置如下所示：

```

cue-ccm3745#
show running-config
Generating configuration:
clock timezone America/Los_Angeles
hostname cue-ccm3745
ip domain-name localdomain
ntp server a.3.233.100
software download server url "ftp://127.0.0.1/ftp"
    credentials hidden "6u/dKTN/hsEuSAEfw40XlF2eFHnZfyUTSd8ZZNgd+Y9J3x1k2B35j0nfGWYHfmPSd8ZZNgd+Y9J3x1k
groupname Administrators create
groupname Broadcasters create
username admin create
username Yvon create
username Zack create
username Yvon phonenumber "6001"
username Zack phonenumber "6002"
groupname Administrators member admin
groupname Administrators member Yvon
groupname Administrators privilege superuser
groupname Administrators privilege ManagePrompts
backup server url "ftp://a.3.231.243/ccm3745_5nov/"
    credentials hidden "GixGRq8cUmFqrOHVxftjAknfGWYHfmPSd8ZZNgd+Y9J3x1k2B35j0nfGWYHfmPSd8ZZNgd+Y9J3x1k
ccn application autoattendant
    description "autoattendant"
    enabled
    maxsessions 8
    script "aa.aef"
    parameter "MaxRetry" "3"
    parameter "operExtn" "0"
    parameter "welcomePrompt" "AAWelcome.wav"
end application
ccn application ciscomwiapplication
    description "ciscomwiapplication"
    enabled
    maxsessions 8
    script "setmwi.aef"
    parameter "strMWI_OFF_DN" "8001"
    parameter "strMWI_ON_DN" "8000"
    parameter "CallControlGroupID" "0"
end application
ccn application promptgmt
    description "promptgmt"
    enabled

```

```
maxsessions 1
script "promptmgmt.aef"
end application
ccn application voicemail
description "voicemail"
enabled
maxsessions 8
script "voicebrowser.aef"
parameter "logoutUri" "http://localhost/voicemail/vxmlscripts/mbxLogout.jsp"
parameter "uri" "http://localhost/voicemail/vxmlscripts/login.vxml"
end application
ccn engine
end engine
ccn subsystem jtapi
ctiport 6901 6902 6903 6904
ccm-manager address a.3.231.5
ccm-manager
  credentials hidden "1anJW38IVSZ1d67dzhL9pEnfGWTYHfmPSd8ZZNgd+Y9J3x1k2B35j0nfGWTYHfmPSd8ZZNgd+Y9J3x1"
end subsystem
ccn subsystem sip
gateway address "a.3.45.1"
end subsystem
ccn trigger jtapi phonenummer 6100
application "autoattendant"
enabled
locale "en_US"
maxsessions 8
end trigger
ccn trigger jtapi phonenummer 6105
application "voicemail"
enabled
locale "en_US"
maxsessions 8
end trigger
ccn trigger jtapi phonenummer 6106
application "promptmgmt"
enabled
locale "en_US"
maxsessions 1
end trigger
ccn trigger sip phonenummer 6100
application "autoattendant"
enabled
locale "en_US"
maxsessions 8
end trigger
ccn trigger sip phonenummer 6105
application "voicemail"
enabled
locale "en_US"
maxsessions 8
end trigger
ccn trigger sip phonenummer 6106
application "promptmgmt"
enabled
locale "en_US"
maxsessions 1
end trigger
! Definitions of the four networking sites
network location id 2
abbreviation "S2"
email domain a.3.235.128
```

```
name "site2-cme-3725"
end location
network location id 3
abbreviation "S3"
email domain a.3.229.128
name "site3-cme-2691"
end location
network location id 4
abbreviation "S4"
email domain a.3.231.128
name "site4-ccm-3725"
end location
network location id 6
abbreviation "S6"
email domain a.3.245.128
name "site6-ccm-3745"
end location
! Definition of this site's location ID
network local location id 6
voicemail default expiration time 30
voicemail default language en_US
voicemail default mailboxsize 3000
voicemail recording time 900
voicemail default messagesize 60
voicemail operator telephone 0
voicemail capacity time 6000
voicemail mailbox owner "Yvon" size 3000
end mailbox
voicemail mailbox owner "Zack" size 3000
end mailbox
```

---

## 驗證

本節提供的資訊可用於確認組態是否正常運作。

[輸出直譯器工具](#) ( 僅限註冊客戶 ) 支援某些show命令 ( 只限於註冊使用者 ) , 透過該工具可檢視對show命令輸出的分析。

請按照以下步驟驗證您的配置是否工作正常。

---

**步驟** 驗證您可在不同站點的所有Cisco Unity Express位置之間執行ping操作。

**步驟**

1 驗證站點到站點連線

以下是對Site 2系統的Cisco Unity Express CLI執行ping命令的輸出示例。

```
cue-cme3725#
ping a.3.229.128
PING a.3.229.128 (a.3.229.128) 56(84) bytes of data.
64 bytes from a.3.229.128: icmp_seq=1 ttl=62 time=1.22 ms
64 bytes from a.3.229.128: icmp_seq=2 ttl=62 time=0.271 ms
```

```
64 bytes from a.3.229.128: icmp_seq=3 ttl=62 time=0.263 ms
64 bytes from a.3.229.128: icmp_seq=4 ttl=62 time=0.262 ms
64 bytes from a.3.229.128: icmp_seq=5 ttl=62 time=0.263 ms
--- a.3.229.128 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4ms
rtt min/avg/max/mdev = 0.262/0.456/1.224/0.384 ms, ipg/ewma 1.094/0.827 ms
```

以下是對Site 2系統的Cisco Unity Express CLI執行ping命令的輸出示例。

```
cue-cme3725#
ping a.3.231.128
PING a.3.231.128 (a.3.231.128) 56(84) bytes of data.
64 bytes from a.3.231.128: icmp_seq=1 ttl=62 time=1.03 ms
64 bytes from a.3.231.128: icmp_seq=2 ttl=62 time=0.262 ms
64 bytes from a.3.231.128: icmp_seq=3 ttl=62 time=0.257 ms
64 bytes from a.3.231.128: icmp_seq=4 ttl=62 time=0.256 ms
64 bytes from a.3.231.128: icmp_seq=5 ttl=62 time=0.257 ms
--- a.3.231.128 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4ms
rtt min/avg/max/mdev = 0.256/0.412/1.032/0.310 ms, ipg/ewma 1.048/0.711 ms
```

以下是在站點2系統的Cisco Unity Express命令列介面(CLI)上執行到站點6 Cisco Unity Express的ping命令的輸出示例。

```
cue-cme3725#
ping a.3.245.128
PING a.3.245.128 (a.3.245.128) 56(84) bytes of data.
64 bytes from a.3.245.128: icmp_seq=1 ttl=62 time=0.953 ms
64 bytes from a.3.245.128: icmp_seq=2 ttl=62 time=0.251 ms
64 bytes from a.3.245.128: icmp_seq=3 ttl=62 time=0.248 ms
64 bytes from a.3.245.128: icmp_seq=4 ttl=62 time=0.246 ms
64 bytes from a.3.245.128: icmp_seq=5 ttl=62 time=0.249 ms
--- a.3.245.128 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4ms
rtt min/avg/max/mdev = 0.246/0.389/0.953/0.282 ms, ipg/ewma 1.025/0.661 ms
```

步驟 使用以下命令驗證網路配置：

驟

## 2 檢驗網路配置

- 顯示網路位置
- show network detail location id < location-id >
- show network detail local

以下是在Site 2系統的Cisco Unity Express CLI上執行的show network locations命令的輸出示例。



```

cue-cme3725#
show network locations
ID          NAME                ABBREV  DOMAIN
2           'site2-cme-3725'    S2      a.3.235.128
3           'site3-cme-2691'    S3      a.3.229.128
6           'site6-ccm-3745'    S6      a.3.245.128
4           'site4-ccm-3725'    S4      a.3.231.128
Local location id: 2

```

以下是在Site 2系統的Cisco Unity Express CLI上執行的show network detail location id 4命令的輸出示例。

```

cue-cme3725#
show network detail location id 4
Name:                site4-ccm-3725
Abbreviation:        S4
Email domain:        a.3.231.128
Minimum extension length: 2
Maximum extension length: 15
Phone prefix:
VPIIM encoding:      dynamic
Send spoken name:    enabled
Sent msg count:      0
Received msg count:  0

```

以下是在Site 3系統的Cisco Unity Express CLI上執行的show network detail local命令的輸出示例。

```

cue-cme3725#
show network detail local
Location Id:         3
Name:                site3-cme-2691
Abbreviation:        S3
Email domain:        a.3.229.128
Minimum extension length: 2
Maximum extension length: 15
Phone prefix:
VPIIM encoding:      dynamic
Send spoken name:    enabled

```

- 步 從站點2向一個或多個其他站點傳送語音留言。當您按#傳送消息時，請在傳送系統的Cisco
- 驟 Unity Express系統上輸入show network queues命令。繼續重複此命令的顯示，直到已傳送所
- 3 有VPIM消息，或者直到目標電話的MWI燈亮起。

驗證消息傳送VPIM活動

以下是show network queues命令的輸出示例，該命令在站點3 Cisco Unity Express系統傳送發往站點6的副檔名6001的消息後執行。

```
cue-cme3725#
show network queues
Running Job Queue
=====
ID    TYPE TIME          RETRY SENDER          RECIPIENT
4     VPIM 09:09:45        0     User1              6001@1.3.245.128
Urgent Job Queue
=====
ID    TYPE TIME          RETRY SENDER          RECIPIENT
No entries
Normal Job Queue
=====
ID    TYPE TIME          RETRY SENDER          RECIPIENT
No entries
```

---

## 疑難排解

本節提供的資訊可用於對組態進行疑難排解。

[輸出直譯器工具](#)（僅限註冊客戶）支援某些show命令（只限於註冊使用者），透過該工具可檢視對show命令輸出的分析。

注意：在發出debug命令之前，請參閱[有關Debug命令的重要資訊](#)。

可在傳送或接收Cisco Unity Express系統上發出以下跟蹤命令，以監控它們之間的SMTP和VPIM活動。

---

步驟 1 跟蹤網路smtp all

監視SMTP事件

步驟 2 跟蹤網路vpim all

監視VPIM事件

步驟 3 show trace buffer tail

在螢幕上顯示追蹤緩衝區的內容

---

## 疑難排解範例

以下是在從站點2擴展2001傳送到站點3擴展3001時，傳送站點（站點2）的trace命令的輸出示例。

```
cue-nm-2691#
trace networking smtp all
cue-nm-2691#
trace networking vpim all
cue-nm-2691#
show trace buffer tail
Press <CTRL-C> to exit...
2464 10/22 09:10:05.206 VMSS vmdb 0 Freed connection: 1, inUse: 0, active: 3
2805 10/22 09:25:07.844 netw smtp 2
2805 10/22 09:25:07.869 netw smtp 1
7177 10/22 09:25:07.913 netw smtp 3 a.3.235.128
7177 10/22 09:25:07.918 netw smtp 4
7177 10/22 09:25:17.966 netw smtp 6 220 a.3.235.128 Simple Mail Transfer Service Ready
7177 10/22 09:25:17.966 netw smtp 5 EHLO
7177 10/22 09:25:17.972 netw smtp 6 250-a.3.235.128 (Cisco Unity Express)
7177 10/22 09:25:17.973 netw smtp 6 250-X-VPIM-Wave
7177 10/22 09:25:17.975 netw smtp 6 250-X-Broadcast
7177 10/22 09:25:17.978 netw smtp 6 250-DSN NOTIFY
7177 10/22 09:25:17.981 netw smtp 6 250 SIZE
7177 10/22 09:25:18.478 netw smtp 5 MAIL FROM 3001@a.3.229.128
7177 10/22 09:25:18.488 netw smtp 6 250 ok
7177 10/22 09:25:18.490 netw smtp 5 RCPT TO 2001@a.3.235.128
7177 10/22 09:25:18.495 netw smtp 6 250 ok
7177 10/22 09:25:18.497 netw smtp 5 DATA
7177 10/22 09:25:18.501 netw smtp 6 354 Start mail input; end with <CRLF>.<CRLF>
7177 10/22 09:25:18.509 netw vpim 3 VPIM
7177 10/22 09:25:18.543 netw vpim 3 VPIM: To: <2001@a.3.235.128>
7177 10/22 09:25:18.544 netw vpim 3 VPIM: From: User<3001@a.3.229.128>
7177 10/22 09:25:18.546 netw vpim 3 VPIM: Date: Fri, 22 Oct 2004 09:25:07 -0700 (PDT)
7177 10/22 09:25:18.547 netw vpim 3 VPIM: MIME-Version: 1.0 (Voice 2.0)
7177 10/22 09:25:18.547 netw vpim 3 VPIM: Content-Type: Multipart/Voice-Message; Version=2.0;
7177 10/22 09:25:18.547 netw vpim 3 VPIM:      Boundary="==VpimMsg==1098462318504"
7177 10/22 09:25:18.547 netw vpim 3 VPIM: Content-Transfer-Encoding: 7bit
7177 10/22 09:25:18.547 netw vpim 3 VPIM: Message-ID: <1098462307586_0@a.3.229.128>
7177 10/22 09:25:18.548 netw vpim 3 VPIM:
7177 10/22 09:25:18.550 netw vpim 3 VPIM: -----VpimMsg==1098462318504
7177 10/22 09:25:18.550 netw vpim 3 VPIM: Content-Type: text/directory; charset=us-ascii; profile=vCard
7177 10/22 09:25:18.551 netw vpim 3 VPIM: Content-Transfer-Encoding: 7bit
7177 10/22 09:25:18.551 netw vpim 3 VPIM: Content-Disposition: attachment; filename="User.vcf"
7177 10/22 09:25:18.551 netw vpim 3 VPIM:
7177 10/22 09:25:18.551 netw vpim 3 VPIM: BEGIN:vCard
7177 10/22 09:25:18.551 netw vpim 3 VPIM: FN:User
7177 10/22 09:25:18.552 netw vpim 3 VPIM: EMAIL;TYPE=INTERNET;TYPE=VPIM:3001@a.3.229.128
7177 10/22 09:25:18.552 netw vpim 3 VPIM: TEL:3001
7177 10/22 09:25:18.552 netw vpim 3 VPIM: VERSION: 3.0
7177 10/22 09:25:18.552 netw vpim 3 VPIM: END:vCard
7177 10/22 09:25:18.553 netw vpim 3 VPIM:
7177 10/22 09:25:18.597 netw vpim 3 VPIM: -----VpimMsg==1098462318504
7177 10/22 09:25:18.597 netw vpim 3 VPIM: Content-Type: Audio/x-wav
7177 10/22 09:25:18.597 netw vpim 3 VPIM: Content-Transfer-Encoding: Base64
7177 10/22 09:25:18.597 netw vpim 3 VPIM: Content-Disposition: inline; voice=Originator-Spoken-Name
7177 10/22 09:25:18.598 netw vpim 3 VPIM:
7177 10/22 09:25:18.646 netw vpim 3 VPIM: Uk1GRjI3AABXQVZFZm10IBIAAAAHAAEAQB8AAEAfAAABAAgAAABmYWN0BAAA
APT6/fr6+/19eXZ4e314eXt9/fv9fX37/f/9/f/7/X17eXt5eH37/f34+vv7+Pv/+v7/339//99
eHh7e314fX3//Xt9/33///3///v6+Pb7/fv9//99/317e3t9/319/310eHn//3t9ff/9+Pj///r0
```

以下是在從站點2擴展2002傳送到站點3擴展3001時，接收站點（站點3）的trace命令的輸出示例。

```
cue-cme3725#
trace networking smtp all
cue-cme3725#
trace networking vpim all
cue-cme3725#
show trace buffer tail
Press <CTRL-C> to exit...
3220 11/08 08:58:43.359 ACCN HTTPS 0 -> LtdSemaph [1297198140] permits: 1 limit: 1
3082 11/08 09:03:23.851 netw smtp 2
3082 11/08 09:03:33.871 netw smtp 3 socket hostName: a.3.229.128, hostAddress: a.3.229.128
3082 11/08 09:03:33.872 netw smtp 3 hostname: a.3.229.128 found in good address cache
3082 11/08 09:03:33.882 netw smtp 1
8850 11/08 09:03:33.888 netw smtp 5 Initial connection message
8850 11/08 09:03:33.893 netw smtp 6 UNKNOWN: EHLO a.3.229.128
8850 11/08 09:03:33.894 netw smtp 5 250-a.3.235.128
8850 11/08 09:03:34.400 netw smtp 6 EHLO : MAIL FROM: <3001@a.3.229.128>
8850 11/08 09:03:34.406 netw smtp 5 250 ok
8850 11/08 09:03:34.411 netw smtp 6 MAIL FROM:: RCPT TO: <2002@a.3.235.128>
8850 11/08 09:03:34.412 netw smtp 5 250 ok
8850 11/08 09:03:34.417 netw smtp 6 RCPT TO:: DATA
8850 11/08 09:03:34.417 netw smtp 5 354 Start data
8850 11/08 09:03:34.483 netw vpim 4 VPIM: To: <2002@a.3.235.128>
8850 11/08 09:03:34.486 netw vpim 4 VPIM: From: User<3001@a.3.229.128>
8850 11/08 09:03:34.489 netw vpim 4 VPIM: Date: Fri, 22 Oct 2004 09:30:06 -0700 (PDT)
8850 11/08 09:03:34.494 netw vpim 4 VPIM: MIME-Version: 1.0 (Voice 2.0)
8850 11/08 09:03:34.497 netw vpim 4 VPIM: Content-Type: Multipart/Voice-Message; Version=2.0;Boundary=""
8850 11/08 09:03:34.501 netw vpim 4 VPIM: Content-Transfer-Encoding: 7bit
8850 11/08 09:03:34.504 netw vpim 4 VPIM: Message-ID: <1098462606180_0@a.3.229.128>
8850 11/08 09:03:34.507 netw vpim 4 VPIM:
8850 11/08 09:03:34.510 netw vpim 4 VPIM: ---=VpimMsg==1098462616955
8850 11/08 09:03:34.523 netw vpim 1 Message
8850 11/08 09:03:34.528 netw vpim 4 VPIM: Content-Type: text/directory; charset=us-ascii; profile=vCard
8850 11/08 09:03:34.532 netw vpim 4 vCard: Content-Transfer-Encoding: 7bit
8850 11/08 09:03:34.535 netw vpim 4 vCard: Content-Disposition: attachment; filename="User.vcf"
8850 11/08 09:03:34.538 netw vpim 4 vCard:
8850 11/08 09:03:34.541 netw vpim 4 vCard: BEGIN:vCard
8850 11/08 09:03:34.544 netw vpim 4 vCard: FN:User
8850 11/08 09:03:34.547 netw vpim 4 vCard: EMAIL;TYPE=INTERNET;TYPE=VPIM:3001@a.3.229.128
8850 11/08 09:03:34.550 netw vpim 4 vCard: TEL:3001
8850 11/08 09:03:34.553 netw vpim 4 vCard: VERSION: 3.0
8850 11/08 09:03:34.556 netw vpim 4 vCard: END:vCard
8850 11/08 09:03:34.559 netw vpim 4 vCard:
8850 11/08 09:03:34.564 netw vpim 4 vCard: ---=VpimMsg==1098462616955
8850 11/08 09:03:34.570 netw vpim 4 VPIM: Content-Type: Audio/x-wav
8850 11/08 09:03:34.573 netw vpim 4 VPIM: Content-Transfer-Encoding: Base64
8850 11/08 09:03:34.577 netw vpim 4 VPIM: Content-Disposition: inline; voice=Originator-Spoken-Name
8850 11/08 09:03:34.585 netw vpim 5 17477
8850 11/08 09:03:34.588 netw vpim 4 VPIM audio: Uk1GRjI3AABXQVZFZm10IBIAAAAHAAEAQB8AAEAfAAABAAgAAABmYWNW
8850 11/08 09:03:34.589 netw vpim 4 VPIM audio: APT6/fr6+/19eXZ4e3l4eXt9/fv9fX37/f/9/f/7/X17eXt5eH37/f3
8850 11/08 09:03:34.591 netw vpim 4 VPIM audio: eHh7e3l4fX3//Xt9/33///3///v6+Pb7/fv9//99/317e3t9/319/31
8850 11/08 09:03:34.593 netw vpim 4 VPIM audio: 9vb2+/99/319/Xl2/319///9//99e//9fX19ffv/ffv//fv69vj6+vv
8850 11/08 09:03:34.594 netw vpim 4 VPIM audio: +33//f//eXh7+/39+v/9+vr6+/v9ff99//r///v9/fr7+/v/e3h5e3h
8850 11/08 09:03:34.596 netw vpim 4 VPIM audio:
```

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## 關於此翻譯

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