

# T.37 OffRamp傳真

## 目錄

[簡介](#)

[必要條件](#)

[需求](#)

[採用元件](#)

[慣例](#)

[組態](#)

[網路圖表](#)

[配置引數](#)

[OffRamp配置](#)

[疑難排解](#)

[失敗的調試](#)

[工作調試](#)

[相關資訊](#)

## 簡介

[Fax over IP T.37 Store and Forward Fax](#)主文檔的本節重點介紹OffRamp存轉傳真。OffRamp T.37是網關接受電子郵件、將該電子郵件轉換為傳真並通過語音埠傳送出去的過程。

本文包含使功能正常運行所需的配置。[疑難排解](#)一節將詳細介紹很有用的debug命令及其解釋方式。[網路圖表](#)一節中顯示了使用的拓撲。

## 必要條件

### 需求

本文檔的具體要求在[IP T.37儲存和轉發傳真](#)這一主部分中指定。

### 採用元件

本文件所述內容不限於特定軟體和硬體版本。

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。如果您的網路正在作用，請確保您已瞭解任何指令可能造成的影響。

### 慣例

如需文件慣例的詳細資訊，請參閱[思科技術提示慣例](#)。

## 組態

在以下各節中，首先說明與OffRamp傳真配置相關的Cisco IOS®軟體配置引數，然後顯示5300配置，並進一步說明重要命令的功能。

## 網路圖表

本文檔使用下圖所示的網路設定。



## 配置引數

以下是網關OffRamp配置中使用的常用命令：

強制引數：	
<a href="#">fax interface -type fax-mail</a>	為網關啟用T.37功能。需要重新啟動5300，但無需重新啟動5350或5400。
<a href="#">mta接收別名</a>	定義要用作OffRamp網關別名的主機名。最多可定義10個。如果入站郵件的目標主機名與別名匹配，則網關接受傳入郵件。
<a href="#">mta receive maximum-recipient s</a>	定義此網關處理的同時簡單郵件傳輸協定 (SMTP)收件人的最大數量。
<a href="#">dial-peer voice number mmoip 應用分支 incoming called-number information-type fax</a>	<b>application offramp</b> 命令是指 <b>call application voice name</b> 命令。 <i>name</i> 與offramp匹配。 <b>incoming called-number</b> 命令用於匹配此透過IP傳輸的多媒體郵件(Multimedia Mail over IP, MMoIP)對等路由器傳入。 <b>information-type fax</b> 命令將與此對等體關聯的呼叫標識為傳真傳輸。
<a href="#">呼叫應用語音名稱位</a>	定義應用程式的全域性名稱 (本例中為offramp) 及其位置 (本例中在外部TFTP伺服器上)。

<a href="#">置</a>	
可選引數：	
<a href="#">fax send transmission-subscriber</a>	定義傳輸使用者標識(TSI)。
<a href="#">fax send center-header fax send left-header fax send right-header</a>	<p>選項包括：{\$a\$   \$d\$   \$p\$   \$s\$   \$t\$   字串}</p> <ul style="list-style-type: none"> <li>• \$a\$ — 日期</li> <li>• \$d\$ — 目標地址</li> <li>• \$s\$ -發件人地址</li> <li>• \$p\$ — 頁數</li> <li>• \$t\$ — 傳輸時間</li> </ul> <p>使用此命令中的 <i>string</i> 引數插入個人化文本字串。</p>
傳真傳送封面	<p>選項包括：</p> <ul style="list-style-type: none"> <li>• <a href="#">enable</a> — 啟用OffRamp網關以傳送封面頁。</li> <li>• <a href="#">comment</a> — 將個人化註釋新增到封面頁。</li> <li>• <a href="#">show-detail</a> — 將整個電子郵件標題列印為封面頁的一部分。</li> </ul>
<a href="#">mta receive generate-mdn</a>	啟用OffRamp網關以響應消息處置通知(MDN)請求。

## OffRamp配置

電子郵件從Outlook Express傳送到OffRamp網關(vdtl-5350-8a)並傳送到多個目的地。

```
vdtl-5350-8a# show run
Building configuration...

Current configuration : 6415 bytes
!
!
version 12.2
service timestamps debug datetime msec localtime
service timestamps log datetime msec localtime
no service password-encryption
!
hostname vdtl-5350-8a
!
boot system flash c5350-is-mz.122-7.6.T1
enable secret 5 $1$MmyY$IQ3OW1Yfd9xjOJj5lYaC7.
!
!
resource-pool disable
clock timezone EST -5
!
!
ip subnet-zero
```

```
ip cef
ip domain-name testlab-t37.com
ip name-server 172.18.106.36
!
isdn switch-type primary-5ess
!
!
fax send transmitting-subscriber $$s$
fax send left-header $t$
fax send center-header $$s$
fax send right-header $p$
fax send coverpage enable
fax send coverpage show-detail
fax send coverpage comment vdtl-5350-8a Offramp Cover Page
fax interface-type fax-mail
mta receive aliases vdtl-5350-8a.testlab-t37.com
mta receive aliases 15.80.8.107
mta receive maximum-recipients 100
call-history-mib retain-timer 500
call-history-mib max-size 500
!
controller T1 3/0
framing esf
linecode b8zs
pri-group timeslots 1-24
!
!
interface FastEthernet0/0
ip address 15.80.8.107 255.255.255.0
!
interface Serial3/0:23
no ip address
isdn switch-type primary-5ess
isdn incoming-voice modem
!
interface Async1/00
no ip address
!
interface Async1/107
no ip address
!
interface Group-Async0
no ip address
no group-range
!
ip classless
ip route 0.0.0.0 0.0.0.0 15.80.8.1
no ip http server
ip pim bidir-enable
!
!
call rsvp-sync
!
call application voice offramp tftp://172.18.106.10/fax/offramp/app_libretto_offramp.2.0.1.1.tcl
!
voice-port 3/0:D
!
!
mgcp profile default
!
dial-peer voice 9813182 pots
incoming called-number 9813182
destination-pattern 9[2-9].....
direct-inward-dial
```

```
port 3/0:D
forward-digits all
!
dial-peer voice 1 mmoip
application offramp
incoming called-number 9.....
information-type fax
!
!
line con 0
exec-timeout 0 0
line aux 0
line vty 0 4
password ww
login
line 1/00 1/107
no flush-at-activation
modem InOut
!
scheduler allocate 10000 400
ntp clock-period 17179848
ntp server 172.18.106.15
end
```

```
vdctl-5350-8a#
```

## 疑難排解

本檔案是[T.37 OnRamp傳真的延續](#)。本文檔中列出的大多數命令引用也用於OffRamp傳真。有關詳細資訊，請參閱該文檔。

## 失敗的調試

以下是來自不成功傳真呼叫的debug命令輸出日誌。此debug命令是在思科5350網關上發出的，該網關在本示例中充當網路的OffRamp傳真網關。

```
vdctl-5350-8a# debug mta receive all
All email receive debugging is on
vdctl-5350-8a#
Mar 26 12:15:02.372: esmtp_server_work: calling ehlo
Mar 26 12:15:02.780: esmtp_server_work: calling mail
Mar 26 12:15:03.280: esmtp_server_work: calling rcpt
Mar 26 12:15:03.780: esmtp_server_work: calling data
Mar 26 12:15:04.280: (S)R: 'Received: from andyw2k ([172.18.106.183]) by
vnt-smtp.testlab-t37.com with Microsoft SMTPSVC(5.0.2195.4453);'
Mar 26 12:15:04.280: (S)R: ' Tue, 26 Mar 2002 12:13:50 -0500'
Mar 26 12:15:04.280: (S)R: 'Message-ID: <000301cld4e9$c3a937c0$b76a12ac@amer.cisco.com>'
Mar 26 12:15:04.280: (S)R: 'From: "Andy" <andy@testlab-t37.com>'
Mar 26 12:15:04.280: (S)R: 'To: <FAX=98915510@vdctl-5350-8a.testlab-t37.com>'
Mar 26 12:15:04.280: (S)R: 'Subject: test email with WinFax Pro...'
Mar 26 12:15:04.284: (S)R: 'MIME-Version: 1.0'
Mar 26 12:15:04.284: (S)R: 'Content-Type: multipart/mixed;'
Mar 26 12:15:04.284: (S)R: '
boundary="/en/US/docs/net_mgmt/wan_service_administrator/1.1/administrator/guide/getstart.html=_
NextPart_000_0000_01C1D4BF.DABAC5C0"'
Mar 26 12:15:04.284: (S)R: 'X-Mailer: Microsoft Outlook Express 6.00.2600.0000'
Mar 26 12:15:04.284: (S)R: 'X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2600.0000'
Mar 26 12:15:04.284: (S)R: 'Return-Path: andy@testlab-t37.com'
```

```
Mar 26 12:15:04.284: (S)R: 'X-OriginalArrivalTime: 26 Mar 2002 17:13:50.0153 (UTC)
  FILETIME=[98F1B390:01C1D4E9]'
```

```
Mar 26 12:15:04.284: (S)R: 'Date: 26 Mar 2002 12:13:50 -0500'
```

```
Mar 26 12:15:04.284: (S)R: ''
```

```
Mar 26 12:15:04.284: esmtp_server_engine_new_part: Field name : message-id:
  Field Value : <000301c1d4e9$3a937c0$b76a12ac@amer.cisco.com>
Field name : from: Field Value : "Andy" <andy@testlab-t37.com>
Field name : to: Field Value : <FAX=98915510@vdt1-5350-8a.testlab-t37.com>
Field name : subject: Field Value : test email with WinFax Pro...
Field name : Content-Type: Field Value : multipart/mixed;
```

```
boundary="/en/US/docs/net_mgmt/wan_service_administrator/1.1/administrator/guide/getstart.html=_
NextPart_000_0000_01C1D4BF.DABAC5C0"
Field name : date: Field Value : 26 Mar 2002 12:13:50 -0500
```

```
Mar 26 12:15:04.284: (S)R: 'Content-Type: text/plain;'
Mar 26 12:15:04.284: (S)R: ' charset="iso-8859-1"'
Mar 26 12:15:04.284: (S)R: 'Content-Transfer-Encoding: quoted-printable'
Mar 26 12:15:04.284: (S)R: ''
Mar 26 12:15:04.284: esmtp_server_engine_new_part: Field name : Content-Type:
  Field Value : text/plain; charset="iso-8859-1"
Field name : Content-Transfer-Encoding: Field Value : quoted-printable
```

```
Mar 26 12:15:04.284: esmtp_server_work: freeing temp header
Mar 26 12:15:04.284: (S)R: 'Content-Type: application/x-msdownload;'
Mar 26 12:15:04.284: (S)R: ' name="FAX2B.exe"'
Mar 26 12:15:04.284: (S)R: 'Content-Transfer-Encoding: base64'
Mar 26 12:15:04.284: (S)R: 'Content-Disposition: attachment;'
Mar 26 12:15:04.284: (S)R: ' filename="FAX2B.exe"'
Mar 26 12:15:04.284: (S)R: ''
Mar 26 12:15:04.284: esmtp_server_engine_new_part: Field name : Content-Type:
  Field Value : application/x-msdownload; name="FAX2B.exe"
Field name : Content-Transfer-Encoding: Field Value : base64
```

```
Mar 26 12:15:04.284: esmtp_server_work: freeing temp header
Mar 26 12:15:04.288: esmtp_server_work: Unrecognized/handled MIME content
  type rejected
Mar 26 12:15:04.600: (S)R: ''
Mar 26 12:15:04.600: esmtp_server_engine_new_part:
Mar 26 12:15:04.600: esmtp_server_work: freeing temp header
Mar 26 12:15:04.600: esmtp_server_dot_check: Found the terminating Dot!
Mar 26 12:15:04.600: rejectMessage:
Mar 26 12:15:22.052: esmtp_server_engine_update_recipient_status: status=7
Mar 26 12:16:09.156: esmtp_server_engine_get_statistics: ctx=0x6363AA38,
  smtpStatus=14
Mar 26 12:16:09.156: esmtp_server_engine_update_recipient_status: status=24
Mar 26 12:16:19.600: esmtp_server_engine_generate_notification:
Mar 26 12:16:20.264: esmtp_server_work: calling quit
Mar 26 12:16:20.264: esmtp_server_closesocket: esmtp_server: closing socket 1
Mar 26 12:16:20.264: esmtp_server_engine_clear_state:
Mar 26 12:16:20.264: freeing RECIPIENT context
  (envelope=FAX=98915510@vdt1-5350-8a.testlab-t37.com)
Mar 26 12:16:20.264: esmtp_server_work: Freeing SMTP ctx at 0x6363AA38
Mar 26 12:16:20.264: esmtp_server: returned from work, context freed
vdt1-5350-8a#
```

## 工作調試

以下是成功傳真呼叫的debug命令輸出日誌。在Cisco 5350閘道 ( 在本範例中為OffRamp傳真閘道 ) 上再次發出debug指令。

vdctl-5350-8a# **debug mta receive all**

All email receive debugging is on

vdctl-5350-8a#

Mar 26 11:20:17.231: esmtp\_server\_work: calling ehlo

Mar 26 11:20:17.683: esmtp\_server\_work: calling mail

Mar 26 11:20:18.183: esmtp\_server\_work: calling rcpt

Mar 26 11:20:18.683: esmtp\_server\_work: calling data

Mar 26 11:20:19.183: (S)R: 'Received: from andyw2k ([172.18.106.183]) by vnt-smtp.testlab-t37.com with Microsoft SMTPSVC(5.0.2195.4453);'

Mar 26 11:20:19.187: (S)R: ' Tue, 26 Mar 2002 11:19:05 -0500'

Mar 26 11:20:19.187: (S)R: 'Message-ID: <000901c1d4e2\$1d55bc60\$b76a12ac@amer.cisco.com>'

Mar 26 11:20:19.187: (S)R: 'Reply-To: "Andy" <andy@testlab-t37.com>'

Mar 26 11:20:19.187: (S)R: 'From: "Andy" <andy@testlab-t37.com>'

Mar 26 11:20:19.187: (S)R: 'To: <FAX=98915510@vdctl-5350-8a.testlab-t37.com>'

Mar 26 11:20:19.187: (S)R: 'Subject: Test fax '

Mar 26 11:20:19.187: (S)R: 'Date: Tue, 26 Mar 2002 11:20:16 -0500'

Mar 26 11:20:19.187: (S)R: 'MIME-Version: 1.0'

Mar 26 11:20:19.187: (S)R: 'Content-Type: multipart/mixed;'

Mar 26 11:20:19.187: (S)R: '

boundary="/en/US/docs/net\_mgmt/wan\_service\_administrator/1.1/administrator/guide/getstart.html=\_NextPart\_000\_0005\_01C1D4B8.34737F60"'

Mar 26 11:20:19.187: (S)R: 'X-Priority: 3'

Mar 26 11:20:19.187: (S)R: 'X-MSMail-Priority: Normal'

Mar 26 11:20:19.187: (S)R: 'X-Mailer: Microsoft Outlook Express 6.00.2600.0000'

Mar 26 11:20:19.187: (S)R: 'X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2600.0000'

Mar 26 11:20:19.187: (S)R: 'Return-Path: andy@testlab-t37.com'

Mar 26 11:20:19.187: (S)R: 'X-OriginalArrivalTime: 26 Mar 2002 16:19:05.0120 (UTC)

FILETIME=[F2E97200:01C1D4E1]'

Mar 26 11:20:19.187: (S)R: ''

Mar 26 11:20:19.187: esmtp\_server\_engine\_new\_part: Field name : message-id:

Field Value : <000901c1d4e2\$1d55bc60\$b76a12ac@amer.cisco.com>

Field name : from: Field Value : "Andy" <andy@testlab-t37.com>

Field name : to: Field Value : <FAX=98915510@vdctl-5350-8a.testlab-t37.com>

Field name : subject: Field Value : Test fax

Field name : date: Field Value : Tue, 26 Mar 2002 11:20:16 -0500

Field name : Content-Type: Field Value : multipart/mixed;

boundary="/en/US/docs/net\_mgmt/wan\_service\_administrator/1.1/administrator/guide/getstart.html=\_NextPart\_000\_0005\_01C1D4B8.34737F60"

Mar 26 11:20:19.187: (S)R: 'Content-Type: multipart/alternative;'

Mar 26 11:20:19.187: (S)R: '

boundary="/en/US/docs/net\_mgmt/wan\_service\_administrator/1.1/administrator/guide/getstart.html=\_NextPart\_001\_0006\_01C1D4B8.34737F60"'

Mar 26 11:20:19.187: (S)R: ''

Mar 26 11:20:19.187: esmtp\_server\_engine\_new\_part: Field name : Content-Type:

Field Value : multipart/alternative;

boundary="/en/US/docs/net\_mgmt/wan\_service\_administrator/1.1/administrator/guide/getstart.html=\_NextPart\_001\_0006\_01C1D4B8.34737F60"

Mar 26 11:20:19.191: esmtp\_server\_work: freeing temp header

Mar 26 11:20:19.191: (S)R: 'Content-Type: text/plain;'

Mar 26 11:20:19.191: (S)R: ' charset="iso-8859-1"'

Mar 26 11:20:19.191: (S)R: 'Content-Transfer-Encoding: quoted-printable'

Mar 26 11:20:19.191: (S)R: ''

Mar 26 11:20:19.191: esmtp\_server\_engine\_new\_part: Field name : Content-Type:

Field Value : text/plain; charset="iso-8859-1"

Field name : Content-Transfer-Encoding: Field Value : quoted-printable

Mar 26 11:20:19.191: esmtp\_server\_work: freeing temp header

Mar 26 11:20:19.191: (S)R: 'Content-Type: text/html;'

Mar 26 11:20:19.191: (S)R: ' charset="iso-8859-1"'

Mar 26 11:20:19.191: (S)R: 'Content-Transfer-Encoding: quoted-printable'

Mar 26 11:20:19.191: (S)R: ''  
Mar 26 11:20:19.191: esmtp\_server\_engine\_new\_part: Field name : Content-Type:  
Field Value : text/html; charset="iso-8859-1"  
Field name : Content-Transfer-Encoding: Field Value : quoted-printable

Mar 26 11:20:19.191: esmtp\_server\_work: freeing temp header  
Mar 26 11:20:19.191: (S)R: ''  
Mar 26 11:20:19.191: esmtp\_server\_engine\_new\_part:  
Mar 26 11:20:19.191: esmtp\_server\_work: freeing temp header  
Mar 26 11:20:19.191: (S)R: 'Content-Type: text/plain;'  
Mar 26 11:20:19.191: (S)R: ' name="New Text Document.txt"  
Mar 26 11:20:19.191: (S)R: 'Content-Transfer-Encoding: quoted-printable'  
Mar 26 11:20:19.191: (S)R: 'Content-Disposition: attachment;'  
Mar 26 11:20:19.191: (S)R: ' filename="New Text Document.txt"  
Mar 26 11:20:19.191: (S)R: ''  
Mar 26 11:20:19.191: esmtp\_server\_engine\_new\_part: Field name : Content-Type:  
Field Value : text/plain; name="New Text Document.txt"  
Field name : Content-Transfer-Encoding: Field Value : quoted-printable

Mar 26 11:20:19.191: esmtp\_server\_work: freeing temp header  
Mar 26 11:20:19.195: esmtp\_server\_engine\_update\_recipient\_status: status=6  
Mar 26 11:20:36.295: esmtp\_server\_engine\_update\_recipient\_status: status=7  
Mar 26 11:20:36.347: esmtp\_server\_engine\_update\_recipient\_status: status=6  
Mar 26 11:21:19.975: esmtp\_server\_engine\_update\_recipient\_status: status=7  
Mar 26 11:21:34.195: (S)R: ''  
Mar 26 11:21:34.195: esmtp\_server\_engine\_new\_part:  
Mar 26 11:21:34.195: esmtp\_server\_work: freeing temp header  
Mar 26 11:21:34.195: esmtp\_server\_dot\_check: Found the terminating Dot!  
Mar 26 11:21:34.275: esmtp\_server\_engine\_update\_recipient\_status: status=6  
Mar 26 11:22:40.491: esmtp\_server\_engine\_update\_recipient\_status: status=7  
Mar 26 11:22:58.379: esmtp\_server\_engine\_get\_statistics: ctx=0x63624708, smtpStatus=14  
Mar 26 11:22:58.379: esmtp\_server\_engine\_update\_recipient\_status: status=24  
Mar 26 11:23:04.195: esmtp\_server\_engine\_generate\_notification:  
Mar 26 11:23:04.699: esmtp\_server\_work: calling quit  
Mar 26 11:23:04.699: esmtp\_server\_closesocket: esmtp\_server: closing socket 1  
Mar 26 11:23:04.699: esmtp\_server\_engine\_clear\_state:  
Mar 26 11:23:04.699: freeing RECIPIENT context  
(envelope=FAX=98915510@vdtl-5350-8a.testlab-t37.com)  
Mar 26 11:23:04.699: esmtp\_server\_work: Freeing SMTP ctx at 0x63624708  
Mar 26 11:23:04.699: esmtp\_server: returned from work, context freed  
vdtl-5350-8a#

vdtl-5350-8a# **debug foip off-ramp**  
FOIP Off ramp faxmail debugging is on  
vdtl-5350-8a#  
vdtl-5350-8a#  
vdtl-5350-8a#  
Mar 26 11:27:57.667: lapp off: CC\_EV\_CALL\_HANDOFF, cid(0xA7)  
Mar 26 11:27:57.667: loffHandoff: called number=98915510, callid=0xA7  
Mar 26 11:27:57.667: loffSetupPeer: cid1(0xA7)  
Mar 26 11:27:57.667: destPat(98915510),matched(1),pref(),tag(9913182),encap(1)  
Mar 26 11:27:57.759: lapp off: CC\_EV\_CALL\_PROCEEDING, cid(0xA8)  
Mar 26 11:27:57.875: lapp off: CC\_EV\_CALL\_ALERT, cid(0xA8)  
Mar 26 11:28:07.487: lapp off: CC\_EV\_CALL\_CONNECTED, cid(0xA8)  
Mar 26 11:28:07.487: st=CALL\_SETTING cid(0xA7,0x0,0x0,0xA8),cfid(0x0,0x0,0x0)  
Mar 26 11:28:07.487: loffConnected  
Mar 26 11:28:07.487: loffFlushPeerTagQueue cid(167) peer list: (empty)  
Mar 26 11:28:07.487: lapp off: CC\_EV\_CONF\_CREATE\_DONE, cid(0xA8), cid2(0xA9), cfid(0x5F)  
Mar 26 11:28:07.487: st=CONFERENCING3 cid(0xA7,0x0,0xA9,0xA8),cfid(0x0,0x0,0x5F)  
Mar 26 11:28:07.487: loffConfDone3  
Mar 26 11:28:15.419: lapp off: CC\_EV\_FROM\_FMSP\_ON\_CALL\_DETAIL, cid(0xA9)  
Mar 26 11:28:15.419: st=WAIT\_SESS\_INFO cid(0xA7,0x0,0xA9,0xA8),cfid(0x0,0x0,0x5F)  
Mar 26 11:28:15.419: loffSessionInfo



Mar 26 11:28:15.419: encd=1, resl=2, spd=27, min\_scan\_len=0, csid= andy-pc fax  
Mar 26 11:28:15.419: lapp off: CC\_EV\_CONF\_CREATE\_DONE, cid(0xA9), cid2(0xAA), cfid(0x60)  
Mar 26 11:28:15.419: st=CONFERENCING2 cid(0xA7,0xAA,0xA9,0xA8),cfid(0x0,0x60,0x5F)  
Mar 26 11:28:15.419: loffConfDone2  
Mar 26 11:28:15.419: loff\_edit\_cover\_page: from\_personal\_name: 0, []  
Mar 26 11:28:15.419: loff\_edit\_cover\_page: 0, []  
Mar 26 11:28:15.419: loff\_edit\_cover\_page: [andy@testlab-t37.com]

-----  
Title: vdtl-5350-8a Offramp Cover Page

To: 98915510

From: andy@testlab-t37.com

Date: Tue, 26 Mar 2002 11:27:55 -0500

Subject: test with a word doc attachment...

Details:

Received: from andyw2k ([172.18.106.183]) by vnt-smtp.testlab-t37.com with Microsoft  
SMTPSVC(5.0.2195.44 Message-ID: <001301c1d4e3\$2f020210\$b76a12ac@amer.cisco.com>

Reply-To: "Andy" <andy@testlab-t37.com>

From:

Andy" <andy@testlab-t37.com>

To: <FAX=98915510@vdtl-5350-8a.testlab-t37.com>

Subject: test with a word doc attachment...

Date: Tue, 26 Mar 2002 11:27:55 -0500

MIME-Version: 1.0

Content-Type: multipart/mixed; boundary

"-----\_NextPart\_000\_000F\_01C1D4B9.46214BB0"

X-Priority: 3

X-MSMail-Priority: Normal

X-Mailer: Microsoft Outlook Express 6.00.2600.0000

X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2600.0000

Return-Path: andy@testlab-t37.com

X-OriginalArrivalTime: 26 Mar 2002 16:26:43.0619 (UTC) FILETIME=[0432D730:01C1D4E3]  
-----

Mar 26 11:28:15.419: lapp off: CC\_EV\_CONF\_CREATE\_DONE, cid(0xAA), cid2(0xA7),  
cfid(0x61)  
Mar 26 11:28:15.419: st=CONFERENCING1 cid(0xA7,0xAA,0xA9,0xA8),cfid(0x61,0x60,0x5F)  
Mar 26 11:28:15.419: loffConfDone1  
Mar 26 11:28:15.451: lapp off: CC\_EV\_FROM\_DMSP\_ON\_PAGE\_PROCESSED, cid(0xAA):  
page number (0x1)  
Mar 26 11:28:15.451: lapp off: CC\_EV\_GENERATE\_PAGE\_RSP, cid(0xAA)  
Mar 26 11:28:15.451: lapp off: CC\_EV\_FROM\_DMSP\_ON\_PAGE\_PROCESSED, cid(0xAA):  
page number (0x2)  
Mar 26 11:28:51.875: lapp off: CC\_EV\_CALL\_DISCONNECTED, cid(0xA9)  
Mar 26 11:28:51.875: cause 0x10(normal call clearing (16))  
Mar 26 11:28:51.875: st=CONFERENCE cid(0xA7,0xAA,0xA9,0xA8),cfid(0x61,0x60,0x5F)  
Mar 26 11:28:51.875: loffDisconnected  
Mar 26 11:28:51.875: loffSetDiscCause: cause=normal call clearing (16)  
Mar 26 11:28:51.875: loffRemoveConf  
Mar 26 11:28:51.875: lapp off: CC\_EV\_CONF\_DESTROY\_DONE, cid(0xAA), cid2(0xA7),  
cfid(0x61)  
Mar 26 11:28:51.875: st=CONF\_REMOVING cid(0xA7,0xAA,0xA9,0xA8),cfid(0x61,0x60,0x5F)  
Mar 26 11:28:51.875: loffConfRemoving: cfid=0x61, cnt=3  
Mar 26 11:28:51.875: lapp off: CC\_EV\_CONF\_DESTROY\_DONE, cid(0xA9), cid2(0xAA),  
cfid(0x60)  
Mar 26 11:28:51.879: st=CONF\_REMOVING cid(0xA7,0xAA,0xA9,0xA8),cfid(0x0,0x60,0x5F)  
Mar 26 11:28:51.879: loffConfRemoving: cfid=0x60, cnt=2

Mar 26 11:28:51.879: lapp off: CC\_EV\_CONF\_DESTROY\_DONE, cid(0xA8), cid2(0xA9),  
cfid(0x5F)  
Mar 26 11:28:51.879: st=CONF\_REMOVING cid(0xA7,0xAA,0xA9,0xA8),cfid(0x0,0x0,0x5F)  
Mar 26 11:28:51.879: loffConfRemoving: cfid=0x5F, cnt=1  
Mar 26 11:28:51.879: loffDisconnect4 cid=0xA8  
Mar 26 11:28:54.363: loff\_call\_history: cid=0xA8,(0xA7,0xAA,0xA9,0xA8)  
Mar 26 11:28:54.363: lapp off: CC\_EV\_CALL\_DISCONNECT\_DONE, cid(0xA8)  
Mar 26 11:28:54.363: st=WAIT\_DISC\_DONE4 cid(0xA7,0xAA,0xA9,0xA8),cfid(0x0,0x0,0x0)  
Mar 26 11:28:54.363: loffWaitDiscDone4  
Mar 26 11:28:54.363: loff\_call\_history: cid=0xA9,(0xA7,0xAA,0xA9,0x0)  
Mar 26 11:28:54.363: lapp off: CC\_EV\_CALL\_DISCONNECT\_DONE, cid(0xA9)  
Mar 26 11:28:54.363: st=DISCONNECTING cid(0xA7,0xAA,0xA9,0x0),cfid(0x0,0x0,0x0)  
Mar 26 11:28:54.363: loffDisconnecting  
Mar 26 11:28:54.363: loff\_call\_history: cid=0xAA,(0xA7,0xAA,0x0,0x0)  
Mar 26 11:28:54.363: lapp off: CC\_EV\_CALL\_DISCONNECT\_DONE, cid(0xAA)  
Mar 26 11:28:54.363: st=DISCONNECTING cid(0xA7,0xAA,0x0,0x0),cfid(0x0,0x0,0x0)  
Mar 26 11:28:54.363: loffDisconnecting  
Mar 26 11:28:54.363: loff\_call\_history: cid=0xA7,(0xA7,0x0,0x0,0x0)  
Mar 26 11:28:54.363: lapp off: CC\_EV\_CALL\_DISCONNECT\_DONE, cid(0xA7)  
Mar 26 11:28:54.363: st=DISCONNECTING cid(0xA7,0x0,0x0,0x0),cfid(0x0,0x0,0x0)  
Mar 26 11:28:54.363: loffDisconnecting  
Mar 26 11:28:54.363: loffFinished

vdctl-5350-8a# **debug fmsp send t30**

FMSP send t30 debugging is on

vdctl-5350-8a# **debug fmsp receive t30**

FMSP receive t30 debugging is on

vdctl-5350-8a#

Mar 26 11:43:29.570: t30 call4Leg=173, state=4, substate=7

Mar 26 11:43:29.570: fax2\_command\_receive: NO\_COMMAND, T1  
timer is not expired

Mar 26 11:43:33.622: t30 call4Leg=173, state=4, substate=7

Mar 26 11:43:33.622: received flag of modulation:  
0

Mar 26 11:43:33.622: t30 call4Leg=173, state=4, substate=7

Mar 26 11:43:33.622: fax2\_command\_receive: NO\_COMMAND, T1  
timer is not expired

Mar 26 11:43:35.050: t30 call4Leg=173, state=4, substate=7

Mar 26 11:43:35.050: fax2\_command\_receive: PROCESSING

Mar 26 11:43:35.662: msg dump:FF C0 2 1E 86 66 4 C6 E B4 9E A6 36 2E 96 16 EE B6 4 4 4 4 4

Mar 26 11:43:35.662:

Mar 26 11:43:35.662: t30 call4Leg=173, state=4, substate=7

Mar 26 11:43:35.662: received: CSI remote id  
string: andy-pc fax

Mar 26 11:43:35.662: t30 call4Leg=173, state=4, substate=7

Mar 26 11:43:35.662: fax2\_command\_receive: PROCESSING

Mar 26 11:43:35.930: t30 call4Leg=173, state=4, substate=7

Mar 26 11:43:35.930: fax2\_command\_receive: PROCESSING

Mar 26 11:43:36.198: msg dump:FF C8 1 0 76 1F 1 1 9 0

Mar 26 11:43:36.198:

Mar 26 11:43:36.198: t30 call4Leg=173, state=4, substate=7

Mar 26 11:43:36.198: fax2\_command\_receive: PROCESSING

Mar 26 11:43:36.326: t30 call4Leg=173, state=4, substate=19

Mar 26 11:43:36.326: received DIS\_PACKET: BR: 9, resolution: 1,  
encoding : 0, min scan line length : 0, remote\_id\_string: andy-pc fax

Mar 26 11:43:36.326: t30 call4Leg=173, state=4, substate=21

Mar 26 11:43:36.330: send DCS\_PACKET: BR: 9, resolution: 1,  
encoding : 0, local\_id\_string:

Mar 26 11:43:36.330: msg dump:FF C8 C1 0 46 1E

Mar 26 11:43:36.330:

Mar 26 11:43:36.330: t30 call4Leg=173, state=4, substate=24

Mar 26 11:43:36.330: fax2\_response\_receive: PROCESSING

Mar 26 11:43:41.834: t30 call4Leg=173, state=4, substate=24  
Mar 26 11:43:41.834: received flag of modulation:  
0  
Mar 26 11:43:41.834: t30 call4Leg=173, state=4, substate=24  
Mar 26 11:43:41.834: fax2\_response\_receive: PROCESSING  
Mar 26 11:43:42.670: t30 call4Leg=173, state=4, substate=24  
Mar 26 11:43:42.670: fax2\_response\_receive: PROCESSING  
Mar 26 11:43:42.750: msg dump:FF C8 21  
Mar 26 11:43:42.750:  
Mar 26 11:43:42.750: t30 call4Leg=173, state=4, substate=24  
Mar 26 11:43:42.750: fax2\_response\_receive: PROCESSING  
Mar 26 11:43:42.890: t30 call4Leg=173, state=4, substate=24  
Mar 26 11:43:42.890: in response receive WAIT FOR CD  
Mar 26 11:43:42.890: t30 call4Leg=173, state=4, substate=25  
Mar 26 11:43:42.894: received CFR  
Mar 26 11:43:49.290: t30 call4Leg=173, state=5, substate=44  
Mar 26 11:43:49.290: throttling tx data, buffered data is  
61  
Mar 26 11:44:00.794: t30 call4Leg=173, state=6, substate=31  
Mar 26 11:44:00.794: send MPS  
Mar 26 11:44:00.794: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:44:00.794: fax2\_response\_receive: PROCESSING  
Mar 26 11:44:03.222: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:44:03.222: received flag of modulation:  
0  
Mar 26 11:44:03.222: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:44:03.226: fax2\_response\_receive: PROCESSING  
Mar 26 11:44:04.066: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:44:04.066: fax2\_response\_receive: PROCESSING  
Mar 26 11:44:04.146: msg dump:FF C8 31  
Mar 26 11:44:04.146:  
Mar 26 11:44:04.146: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:44:04.146: fax2\_response\_receive: PROCESSING  
Mar 26 11:44:04.294: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:44:04.294: in response receive WAIT FOR CD  
Mar 26 11:44:04.294: t30 call4Leg=173, state=6, substate=33  
Mar 26 11:44:04.294: received MCF  
Mar 26 11:44:32.494: t30 call4Leg=173, state=6, substate=31  
Mar 26 11:44:32.494: send MPS  
Mar 26 11:44:32.494: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:44:32.494: fax2\_response\_receive: PROCESSING  
Mar 26 11:44:34.950: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:44:34.950: received flag of modulation:  
0  
Mar 26 11:44:34.950: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:44:34.950: fax2\_response\_receive: PROCESSING  
Mar 26 11:44:35.786: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:44:35.786: fax2\_response\_receive: PROCESSING  
Mar 26 11:44:35.870: msg dump:FF C8 31  
Mar 26 11:44:35.870:  
Mar 26 11:44:35.870: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:44:35.870: fax2\_response\_receive: PROCESSING  
Mar 26 11:44:36.018: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:44:36.018: in response receive WAIT FOR CD  
Mar 26 11:44:36.018: t30 call4Leg=173, state=6, substate=33  
Mar 26 11:44:36.018: received MCF  
Mar 26 11:45:08.118: t30 call4Leg=173, state=6, substate=31  
Mar 26 11:45:08.118: send MPS  
Mar 26 11:45:08.118: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:08.118: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:10.778: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:10.778: received flag of modulation:  
0  
Mar 26 11:45:10.778: t30 call4Leg=173, state=6, substate=32

Mar 26 11:45:10.778: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:11.618: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:11.618: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:11.694: msg dump:FF C8 31  
Mar 26 11:45:11.694:  
Mar 26 11:45:11.694: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:11.694: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:11.846: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:11.846: in response receive WAIT FOR CD  
Mar 26 11:45:11.846: t30 call4Leg=173, state=6, substate=33  
Mar 26 11:45:11.846: received MCF  
Mar 26 11:45:30.550: t30 call4Leg=173, state=6, substate=31  
Mar 26 11:45:30.550: send MPS  
Mar 26 11:45:30.550: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:30.550: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:33.034: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:33.034: received flag of modulation:  
0  
Mar 26 11:45:33.034: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:33.034: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:33.874: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:33.874: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:33.950: msg dump:FF C8 31  
Mar 26 11:45:33.950:  
Mar 26 11:45:33.950: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:33.950: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:34.102: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:34.102: in response receive WAIT FOR CD  
Mar 26 11:45:34.102: t30 call4Leg=173, state=6, substate=33  
Mar 26 11:45:34.102: received MCF  
Mar 26 11:45:39.006: t30 call4Leg=173, state=5, substate=27  
Mar 26 11:45:39.006: un-throttling tx data, buffered data is  
6  
Mar 26 11:45:39.206: t30 call4Leg=173, state=6, substate=31  
Mar 26 11:45:39.206: send MPS  
Mar 26 11:45:39.206: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:39.206: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:41.634: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:41.634: received flag of modulation:  
0  
Mar 26 11:45:41.634: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:41.634: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:42.470: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:42.470: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:42.554: msg dump:FF C8 31  
Mar 26 11:45:42.554:  
Mar 26 11:45:42.554: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:42.554: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:42.702: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:42.702: in response receive WAIT FOR CD  
Mar 26 11:45:42.702: t30 call4Leg=173, state=6, substate=33  
Mar 26 11:45:42.702: received MCF  
Mar 26 11:45:47.602: t30 call4Leg=173, state=6, substate=31  
Mar 26 11:45:47.602: send EOP  
Mar 26 11:45:47.602: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:47.602: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:50.022: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:50.022: received flag of modulation:  
0  
Mar 26 11:45:50.022: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:50.022: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:50.866: t30 call4Leg=173, state=6, substate=32  
Mar 26 11:45:50.866: fax2\_response\_receive: PROCESSING  
Mar 26 11:45:50.942: msg dump:FF C8 31

```
Mar 26 11:45:50.942:
Mar 26 11:45:50.946: t30 call4Leg=173, state=6, substate=32
Mar 26 11:45:50.946: fax2_response_receive: PROCESSING
Mar 26 11:45:51.094: t30 call4Leg=173, state=6, substate=32
Mar 26 11:45:51.098: in response receive WAIT FOR CD
Mar 26 11:45:51.098: t30 call4Leg=173, state=6, substate=33
Mar 26 11:45:51.098: received MCF
Mar 26 11:45:51.098: t30 call4Leg=173, state=7, substate=37
Mar 26 11:45:51.098: send DCN_PACKET
Mar 26 11:45:51.098: t30 call4Leg=173, state=0, substate=0
Mar 26 11:45:51.098: terminating with hang-up status: 0
vdt1-5350-8a#
```

## [相關資訊](#)

- [T.37 OnRamp傳真](#)
- [透過IP傳輸的傳真T.37儲存和轉送傳真](#)
- [語音和整合通訊產品支援](#)
- [Cisco IP電話故障排除](#)
- [技術支援 - Cisco Systems](#)