

# T.37离线管道电传

## 目录

[简介](#)

[先决条件](#)

[要求](#)

[使用的组件](#)

[规则](#)

[配置](#)

[网络图](#)

[配置参数](#)

[OffRamp配置](#)

[故障排除](#)

[调试失败](#)

[工作调试](#)

[相关信息](#)

## 简介

“IP T.37传[真存储和转发传真](#)”主文档的此部分重点介绍OffRamp存储和转发传真。OffRamp T.37是网关接受电子邮件、将该电子邮件转换为传真，然后通过语音端口将其发送出去的过程。

本文档包含使功能正常运行所需的必要配置。“故[障排除](#)”部分将介绍有用的debug命令以及如何解释其含义。网络图部分显示了所[用的](#)拓扑。

## 先决条件

### 要求

本文档的具体要求在主节“IP T.37传[真存储和转发传真](#)”中指定。

### 使用的组件

本文档不限于特定的软件和硬件版本。

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您使用的是真实网络，请确保您已经了解所有命令的潜在影响。

### 规则

有关文件规则的更多信息请参见“Cisco技术提示规则”。

## 配置

在以下各节中，首先解释与OffRamp传真配置相关的Cisco IOS®软件配置参数，然后显示5300配置，并附上进一步说明，阐明重要命令的功能。

## 网络图

本文档使用下图所示的网络设置。



## 配置参数

以下是网关的OffRamp配置中使用的常见命令：

必需参数：	
<a href="#">fax interface-type fax-mail</a>	为网关启用T.37功能。需要在5300上重新启动，但不是在5350或5400上重新启动。
<a href="#">mta receive aliases</a>	定义要用作OffRamp网关别名的主机名。最多可定义10个。如果入站邮件的目标主机名与别名匹配，则网关会接受传入邮件。
<a href="#">mta receive maximum-recipients</a>	定义此网关处理的并发简单邮件传输协议(SMTP)收件人的最大数量。
<a href="#">拨号对等体语音号码mmoip应用分流传入被叫号码信息类型传真</a>	<b>application offramp</b> 命令指呼叫应用语音名称命令。名称与 <b>offramp</b> 匹配。 <b>incoming called-number</b> 命令用于匹配此IP多媒体邮件(MMoIP)对等体入站。 <b>information-type fax</b> 命令将与此对等体关联的呼叫标识为传真传输。
<a href="#">呼叫应用语音名称位置</a>	为应用（本例中为 <b>offramp</b> ）及其位置（在外部TFTP服务器上，本例中为 <b>offramp</b> ）定义全局名称。
可选参数：	

<a href="#">fax send transmitting-subscriber</a>	定义传输用户标识(TSI)。
<a href="#">fax send center-header</a> <a href="#">fax send left-header</a> <a href="#">fax send right-header</a>	选项有 : { <a href="#">\$a\$</a>   <a href="#">\$d\$</a>   <a href="#">\$p\$</a>   <a href="#">\$s\$</a>   <a href="#">\$t\$</a>   字符串} <ul style="list-style-type: none"> <li>• <a href="#">\$a\$</a> — 日期</li> <li>• <a href="#">\$d\$</a> — 目标地址</li> <li>• <a href="#">\$s\$</a> — 发件人地址</li> <li>• <a href="#">\$p\$</a> — 页计数</li> <li>• <a href="#">\$t\$</a> -传输时间</li> </ul> 使用此命令中的 <i>string</i> 参数可插入个性化的文本字符串。
传真发送封面	选项有 : <ul style="list-style-type: none"> <li>• <a href="#">enable</a> — 启用OffRamp网关以发送封皮。</li> <li>• <a href="#">注释</a> — 向封面添加个性化注释。</li> <li>• <a href="#">show-detail</a> — 将整个邮件标题作为封面的一部分打印。</li> </ul>
<a href="#">mta receive generate-mdn</a>	使OffRamp网关能够响应消息处置通知(MDN)请求。

## [OffRamp配置](#)

电子邮件从Outlook Express发送到OffRamp网关(vdtl-5350-8a)，并发送到多个目标。

```
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 $$
fax send left-header $t$
fax send center-header $$
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#
```

## 故障排除

本文档是T.37 OnRamp[传真的继续](#)。本文档中列出的大多数命令参考也用于OffRamp传真。有关详细信息，请参阅该文档。

## 调试失败

以下是不成功传真呼叫的debug命令输出日志。此debug命令在Cisco 5350网关上发出，该网关在本示例中充当网络的OffRamp传真网关。

```
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: <000301c1d4e9$c3a937c0$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 : <000301c1d4e99c3a937c05b76a12ac@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#

```

## 工作调试

以下是成功传真呼叫的debug命令输出日志。在Cisco 5350网关（本例中为OffRamp传真网关）上再次发出debug命令。

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#  
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: vdt1-5350-8a 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@vdt1-5350-8a.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=CONFERENCED 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#

## [相关信息](#)

- [T.37上线管道电传](#)
- [FAX over IP T.37存储和发送传真](#)
- [语音和统一通信产品支持](#)
- [Cisco IP 电话故障排除](#)
- [技术支持 - Cisco Systems](#)