

# Fax T.37 OffRamp

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## [Introduzione](#)

Questa sezione del documento [Fax over IP T.37 Store and Forward Fax](#) si concentra sul fax store-and-forward OffRamp. OffRamp T.37 è il processo con cui un gateway accetta un messaggio e-mail, lo converte in un fax e lo invia tramite una porta voce.

Questo documento contiene la configurazione necessaria per rendere operativa la funzione. La sezione [Risoluzione dei problemi](#) illustra i comandi **debug** utili e come interpretarne il significato. La topologia utilizzata è illustrata nella sezione [Diagramma reticolare](#).

## [Prerequisiti](#)

### [Requisiti](#)

I requisiti specifici per questo documento sono specificati nella sezione principale, [Fax over IP T.37 Store e Forward Fax](#).

### [Componenti usati](#)

Il documento può essere consultato per tutte le versioni software o hardware.

Le informazioni discusse in questo documento fanno riferimento a dispositivi usati in uno specifico ambiente di emulazione. Su tutti i dispositivi menzionati nel documento la configurazione è stata ripristinata ai valori predefiniti. Se la rete è operativa, valutare attentamente eventuali conseguenze derivanti dall'uso dei comandi.

## Convenzioni

Per ulteriori informazioni sulle convenzioni usate, consultare il documento [Cisco sulle convenzioni nei suggerimenti tecnici](#).

## Configurazione

Nelle sezioni seguenti, prima vengono spiegati i parametri di configurazione del software Cisco IOS® relativi alla configurazione del fax OffRamp, quindi viene visualizzata la configurazione 5300 con ulteriori note che chiariscono le funzioni dei comandi importanti.

## Esempio di rete

Questo documento utilizza le impostazioni di rete mostrate nel diagramma sottostante.



## Parametri di configurazione

Di seguito sono riportati i comandi comuni utilizzati nella configurazione OffRamp del gateway:

Parametri obbligatori:	
<a href="#">fax tipo interfaccia fax</a>	Abilita la funzionalità T.37 per il gateway. Richiede il riavvio dello switch 5300, ma non dello switch 5350 o 5400.
<a href="#">alias di ricezione mta</a>	Definisce un nome host da utilizzare come alias per il gateway OffRamp. È possibile definire fino a dieci. Il gateway accetta la posta in arrivo se il nome host di destinazione della posta in arrivo corrisponde a un alias.
<a href="#">ricevi max-destinatari mta</a>	Definisce il numero massimo di destinatari SMTP (Simple Mail Transfer Protocol) simultanei gestiti da questo gateway.
<a href="#">dial-peer voice number moip offramp dell'applicazione numero chiamato in ingresso fax</a>	Il comando <b>application offramp</b> fa riferimento al comando <b>call application voice name</b> . Il <i>nome</i> corrisponde a offramp. Il comando <b>call-number</b> in arrivo viene utilizzato per trovare la corrispondenza con questo peer Multimedia Mail over IP (MoIP) in entrata. Il comando <b>information-type fax</b> identifica le chiamate associate al peer come trasmissioni fax.

<a href="#">tipo informazioni</a>	
<a href="#">posizione nome vocale applicazione e di chiamata</a>	Definisce un nome globale per l'applicazione (in questo caso offramp) e la relativa posizione (in questo caso su un server TFTP esterno).
Parametri facoltativi:	
<a href="#">sottoscrittore e trasmittente fax</a>	Definisce l'identificazione dell'utente che trasmette i dati (STI).
<a href="#">intestazione centrale invio fax intestazione sinistra invio fax invio fax intestazione destra</a>	Le opzioni sono: {\$a\$   \$d\$   \$p\$   \$s\$   \$t\$   stringa} <ul style="list-style-type: none"> <li>• \$a\$: data</li> <li>• \$d\$—Indirizzo di destinazione</li> <li>• \$s\$—Indirizzo mittente</li> <li>• \$p\$—Numero pagine</li> <li>• \$t\$: tempo di trasmissione</li> </ul> Utilizzare l'argomento <i>string</i> in questo comando per inserire una stringa di testo personalizzata.
<a href="#">frontespizio invio fax</a>	Le opzioni sono: <ul style="list-style-type: none"> <li>• <a href="#">enable</a>: consente al gateway OffRamp di inviare una copertina.</li> <li>• <a href="#">comment</a> - Aggiunge commenti personalizzati alla copertina.</li> <li>• <a href="#">show-detail</a>: stampa l'intera intestazione e-mail come parte della copertina.</li> </ul>
<a href="#">mta receive generate-mdn</a>	Consente al gateway OffRamp di rispondere alle richieste MDN (Message Disposition Notification).

## [Configurazione OffRamp](#)

Le e-mail sono state inviate da Outlook Express al gateway OffRamp (vdtl-5350-8a) e inviate a diverse destinazioni.

```
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 vdt1-5350-8a  
!  
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 vdt1-5350-8a Offramp Cover Page  
fax interface-type fax-mail  
mta receive aliases vdt1-5350-8a.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

vdt1-5350-8a#

```

## [Risoluzione dei problemi](#)

Questo documento è la continuazione di [T.37 OnRamp Faxing](#). La maggior parte dei riferimenti ai comandi elencati nel documento vengono utilizzati anche per il fax OffRamp. Per ulteriori informazioni, consultare il documento.

## [Debug non riusciti](#)

Di seguito vengono riportati i log di output del comando **debug** restituiti da una chiamata fax non riuscita. Questo comando **debug** è stato emesso su un gateway Cisco 5350, che in questo esempio funge da gateway fax OffRamp per la rete.

```

vdt1-5350-8a# debug mta receive all
All email receive debugging is on
vdt1-5350-8a#
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@vdtl-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$c3a937c0$b76a12ac@amer.cisco.com>
Field name : from: Field Value : "Andy" <andy@testlab-t37.com>
Field name : to: Field Value : <FAX=98915510@vdtl-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@vdtl-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
vdtl-5350-8a#
```

## Debug in esecuzione

Di seguito vengono riportati i log di output del comando **debug** restituiti da una chiamata fax riuscita. I comandi **debug** sono stati di nuovo emessi su un gateway Cisco 5350, che in questo esempio è il gateway fax OffRamp.

```
vdtl-5350-8a# debug mta receive all
All email receive debugging is on
vdtl-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@vdtl-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@vdtl-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=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

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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#
```

## [Informazioni correlate](#)

- [T.37 OnRamp Faxing](#)
- [Fax tramite IP T.37 - Archivia e inoltra fax](#)
- [Supporto ai prodotti voce e Unified Communications](#)
- [Risoluzione dei problemi di Cisco IP Telephony](#)
- [Supporto tecnico – Cisco Systems](#)