

Envío de faxes OffRamp de T.37

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Introducción

Esta sección del documento principal del [almacenar y reenviar fax de T.37 del FAX over IP](#) se centra en enviar por fax de memorización del offramp. El offramp T.37 es el proceso por el cual un gateway valida un correo electrónico, los convertidos que envían por correo electrónico a un fax, y después lo manda a través de un puerto de voz.

Este documento contiene la configuración necesaria necesaria para conseguir la característica operativa. La sección del [Troubleshooting](#) pasa los **comandos debug** útiles y cómo interpretar su significado. La topología usada se muestra en la sección del [diagrama de la red](#).

prerrequisitos

[Requisitos](#)

Los requisitos específicos para este documento se especifican en la sección principal, [almacenar y reenviar fax de T.37 del FAX over IP](#).

[Componentes Utilizados](#)

Este documento no tiene restricciones específicas en cuanto a versiones de software y de hardware.

La información que contiene este documento se creó a partir de los dispositivos en un ambiente de laboratorio específico. Todos los dispositivos que se utilizan en este documento se pusieron en

funcionamiento con una configuración verificada (predeterminada). Si la red está funcionando, asegúrese de haber comprendido el impacto que puede tener cualquier comando.

Convenciones

Para obtener más información sobre las convenciones del documento, consulte las [Convenciones de Consejos Técnicos de Cisco](#).

Configuración

En las secciones abajo, primero los parámetros de la configuración del software de Cisco IOS® relevantes a la configuración del fax del offramp se explican, y entonces la configuración 5300 se visualiza con otras notas que aclaran las funciones de los comandos importantes.

Diagrama de la red

Este documento utiliza la instalación de red que se muestra en el siguiente diagrama.



Parámetros de la configuración

Abajo están los comandos comunes usados en la configuración OffRamp del gateway:

Parámetros obligatorios:	
fax-correo del tipo de interfaz del fax	Funciones de T.37 de los permisos para el gateway. Requiere una reinicialización en los 5300, pero no los 5350 o los 5400.
el MTA recibe los alias	Define un nombre de host que se utilizará como alias para el gateway OffRamp. Hasta diez pueden ser definidos. El gateway valida el correo entrante si el nombre del host de destino del correo entrante hace juego un alias.
el MTA recibe a los máximo-beneficiarios	Define al número máximo de beneficiarios simultáneos del Simple Mail Transfer Protocol (SMTP) manejados por este gateway.
número de la voz de dial-peer	El comando <code>application offramp</code> refiere al comando <code>call application voice name</code> . El nombre hace juego el offramp. Utilizan al comando <code>incoming called-number</code> de hacer juego a este par del correo

	multimedia sobre IP (mmoip) entrante. El comando information-type fax identifica las llamadas asociadas a este par como siendo transmisiones por fax.
	Define un nombre global para la aplicación (offramp, en este caso) y su ubicación (en un servidor TFTP externo, en este caso).
Parámetros optativos:	
el fax envía al transmitir-suscriptor	Define la Identificación de suscriptor transmisor (TSI).
el fax envía el fax de la centro-encabezado envía el fax de la izquierdo-encabezado envía la derecho-encabezado	Las opciones son: {\$a\$ \$d\$ \$p\$ \$s\$ \$t\$ cadena} <ul style="list-style-type: none"> • \$a\$ — Fecha • \$d\$ — Dirección destino • \$s\$ — Direccionamiento del remitente • \$p\$ — Cuenta de la página • \$t\$ — Tiempo de transmisión Utilice el argumento de la <i>cadena</i> en este comando de insertar una cadena de texto personalizada.
el fax envía el coverage	Las opciones son: <ul style="list-style-type: none"> • permiso — Permite al gateway OffRamp para enviar una portada. • comentario — Adds personalizó los comentarios a la portada. • demostración-detalle — Imprime la encabezado entera del correo electrónico como parte de la portada.
el MTA recibe genera-mdn	Permite al gateway OffRamp para responder a las peticiones de la notificación de disposición de mensajes (MDN).

[Configuración OffRamp](#)

Los correos electrónicos fueron enviados de Outlook Express al gateway OffRamp (vdtl-5350-8a) y enviados a varios destinos.

```
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$IQ30W1Yfd9xjOJj5lYaC7. ! ! 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 coveragepage enable
fax send coveragepage show-detail fax send coveragepage 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 vdt1-5350-8a#
```

Troubleshooting

Este documento es una continuación del [Envío de faxes OnRamp de T.37](#). La mayor parte de las referencias de comandos enumeradas en ese documento también se utilizan para el Envío de faxes OffRamp. Refiera a ese documento para más información.

Debugs fallados

Éstos son los registros del **resultado del comando de debug de una llamada de fax fracasada**. Publicaron este **comando debug** en un gateway de Cisco 5350, que está actuando como el gateway del fax del offramp para la red en este ejemplo.

```
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@vdt1-5350-8a.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@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@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#

```

Debugs de trabajo

Éstos son los registros del **resultado del comando de debug de una llamada de fax acertada**. Publicaron los **comandos debug** otra vez en un gateway de Cisco 5350, que es el gateway del fax del offramp en este ejemplo.

```

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: <001301cld4e3\$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: loffFinishedvdtl-5350-8a# **debug fmsp send t30** FMS send t30 debugging is on
vdtl-5350-8a# **debug fmsp receive t30** FMS receive t30 debugging is on vdtl-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

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#

[Información Relacionada](#)

- [Envío de faxes OnRamp de T.37](#)
- [Almacenar y reenviar fax de T.37 del FAX over IP](#)
- [Soporte de Productos de Voice and Unified Communications](#)
- [Troubleshooting de Cisco IP Telephony](#)
- [Soporte Técnico - Cisco Systems](#)