

OffRamp faxing de T.37

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[Introdução](#)

Esta seção do documento principal do [fax de T.37 do FAX over IP store and forward \(guarda e passa adiante\)](#) focaliza no offramp que envia store and forward (guarda e passa adiante). O offramp T.37 é o processo por que um gateway aceita um email, os conversos que enviam por correio eletrônico a um fax, e o envia então para fora através de uma porta de voz.

Este documento contém a configuração necessária necessária obter a característica operacional. A seção da [pesquisa de defeitos](#) vai sobre os **comandos debug** úteis e como interpretar seu significado. A topologia usada é mostrada na seção do [diagrama da rede](#).

[Pré-requisitos](#)

[Requisitos](#)

As exigências específicas para este documento são especificadas na seção principal, [fax de T.37 do FAX over IP store and forward \(guarda e passa adiante\)](#).

[Componentes Utilizados](#)

Este documento não se restringe a versões de software e hardware específicas.

As informações neste documento foram criadas a partir de dispositivos em um ambiente de laboratório específico. Todos os dispositivos utilizados neste documento foram iniciados com uma configuração (padrão) inicial. Se a sua rede estiver ativa, certifique-se de que entende o impacto

potencial de qualquer comando.

Convenções

Para obter mais informações sobre convenções de documento, consulte as [Convenções de dicas técnicas Cisco](#).

Configuração

Nas seções abaixo, os parâmetros da configuração de software de Cisco IOS® relevantes à configuração do fax do offramp são explicados primeiramente, e a configuração 5300 é indicada então com as notas mais adicionais que esclarecem as funções de comandos importantes.

Diagrama de Rede

Este documento utiliza a instalação de rede mostrada no diagrama abaixo.

Parâmetros de configuração

Estão abaixo os comandos comuns usados na configuração de OffRamp do gateway:

Parâmetros imperativos:	
fax-correio do tipo de interface do fax	Permite a funcionalidade de T.37 para o gateway. Exige uma repartição nos 5300, mas não os 5350 ou os 5400.
o mta recebe pseudônimos	Define um hostname a ser usado como um pseudônimo para o gateway OffRamp. Até dez podem ser definidos. O gateway aceita o correio recebido se o nome de host de destino do correio de entrada combina um pseudônimo.
o mta recebe máximo-receptores	Define o número máximo de receptores simultâneos do Simple Mail Transfer Protocol (SMTP) tratados por este gateway.
informação-tipo entrante fax do chamar-número do offramp de aplicativo do número MMoIP da voz do dial peer	O comando application offramp refere o comando call application voice name . O <i>nome</i> combina o offramp. O comando incoming called-number é usado combinar este par do email multimídia sobre IP (MMoIP) de entrada. O comando information-type fax identifica os atendimentos associados com este par como sendo transmissões de fax.
localização do nome de	Define um nome global para o aplicativo (offramp, neste caso) e seu lugar (em um

voz de aplicativo de chamada	servidor TFTP externo, neste caso).
Parâmetros opcionais:	
o fax envia o transmitir-subscritor	Define a identificação de assinante de transmissão (TSI).
o fax envia o fax do centro-encabeçame nto envia o fax do esquerdo-encabeçame nto envia o direito-encabeçame nto	As opções são: {\$a\$ \$d\$ \$p\$ \$s\$ \$t\$ corda} <ul style="list-style-type: none"> • \$a\$ — Data • \$d\$ — Endereço de destino • \$s\$ — Endereço do remetente • \$p\$ — Contagem da página • \$t\$ — Tempo de transmissão Use o argumento da <i>corda</i> neste comando introduzir uma sequência de caracteres de texto personalizada.
o fax envia o coverage	As opções são: <ul style="list-style-type: none"> • permita — Permite o gateway OffRamp de enviar uma capa. • comentário — Adds personalizou comentários à capa. • mostra-detalle — Imprime o encabeçamento inteiro do email como parte da capa.
o mta recebe gerencie-mdn	Permite o gateway OffRamp de responder aos pedidos da notificação de disposição de mensagem (MDN).

[Configuração de OffRamp](#)

Os email foram enviados de Outlook Express ao gateway OffRamp (vdtl-5350-8a) e enviados a um número de 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$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 coverage enable
fax send coverage show-detail fax send coverage 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 é uma continuação do [OnRamp faxing de T.37](#). A maioria das referências de comandos alistadas nesse documento são usadas igualmente para o OffRamp faxing. Refira esse documento para mais informação.

Falhado debuga

Estes são os logs do **comando debug de uma chamada de fax mal sucedida**. Este **comando debug** foi emitido em um gateway de Cisco 5350, que atuasse como o gateway de fax do offramp para a rede neste exemplo.

```
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#

```

O funcionamento debuga

Estes são os logs do **comando debug de uma chamada de fax bem sucedida**. Os **comandos debug** foram emitidos outra vez em um gateway de Cisco 5350, que fosse o gateway de fax do oframp neste exemplo.

```

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, res1=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
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

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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

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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#
```

[Informações Relacionadas](#)

- [OnRamp faxing de T.37](#)
- [Fax de T.37 do FAX over IP store and forward \(guarda e passa adiante\)](#)
- [Suporte ao Produto de Voz e Comunicações Unificadas](#)
- [Troubleshooting da Telefonia IP Cisco](#)
- [Suporte Técnico - Cisco Systems](#)