

# T.37 OffRamp-Faxen

## Inhalt

[Einführung](#)

[Voraussetzungen](#)

[Anforderungen](#)

[Verwendete Komponenten](#)

[Konventionen](#)

[Konfiguration](#)

[Netzwerkdiagramm](#)

[Konfigurationsparameter](#)

[OffRamp-Konfiguration](#)

[Fehlerbehebung](#)

[Fehlgeschlagene Debugger](#)

[Arbeitsdebuggen](#)

[Zugehörige Informationen](#)

## [Einführung](#)

In diesem Abschnitt des Hauptdokuments [Fax over IP T.37 Store and Forward Fax](#) konzentriert sich das OffRamp Store-and-Forward-Fax. OffRamp T.37 ist der Prozess, mit dem ein Gateway eine E-Mail akzeptiert, diese E-Mail in ein Fax konvertiert und dann über einen Sprach-Port aussendet.

Dieses Dokument enthält die erforderliche Konfiguration, um die Funktion in Betrieb zu nehmen. Im Abschnitt [Fehlerbehebung](#) werden die nützlichen **Debugbefehle** und die Interpretation ihrer Bedeutung erläutert. Die verwendete Topologie wird im Abschnitt [Netzwerkdiagramm](#) angezeigt.

## [Voraussetzungen](#)

### [Anforderungen](#)

Die spezifischen Anforderungen für dieses Dokument sind im Hauptabschnitt "[Fax over IP T.37 Store and Forward Fax](#)" festgelegt.

### [Verwendete Komponenten](#)

Dieses Dokument ist nicht auf bestimmte Software- und Hardwareversionen beschränkt.

Die Informationen in diesem Dokument wurden von den Geräten in einer bestimmten Laborumgebung erstellt. Alle in diesem Dokument verwendeten Geräte haben mit einer leeren (Standard-)Konfiguration begonnen. Wenn Ihr Netzwerk in Betrieb ist, stellen Sie sicher, dass Sie

die potenziellen Auswirkungen eines Befehls verstehen.

## Konventionen

Weitere Informationen zu Dokumentkonventionen finden Sie in den [Cisco Technical Tips Conventions](#).

## Konfiguration

In den folgenden Abschnitten werden zunächst die für die OffRamp-Faxkonfiguration relevanten Cisco IOS® Software-Konfigurationsparameter erläutert. Anschließend wird die Konfiguration der Serie 5300 mit weiteren Hinweisen zur Erläuterung der Funktionen wichtiger Befehle angezeigt.

## Netzwerkdiagramm

In diesem Dokument wird die im Diagramm unten dargestellte Netzwerkeinrichtung verwendet.



## Konfigurationsparameter

Nachfolgend sind die allgemeinen Befehle aufgeführt, die in der OffRamp-Konfiguration des Kabelmodems verwendet werden:

Obligatorische Parameter:	
<a href="#">Fax-Schnittstellenart Fax-Mail</a>	Aktiviert die T.37-Funktionalität für das Gateway. Erfordert einen Neustart beim 5300, jedoch nicht beim 5350 oder 5400.
<a href="#">Metadatenempfänger-Aliase</a>	Definiert einen Hostnamen, der als Alias für das OffRamp-Gateway verwendet werden soll. Es können bis zu zehn definiert werden. Das Gateway akzeptiert eingehende E-Mails, wenn der Zielhostname der eingehenden E-Mail mit einem Alias übereinstimmt.
<a href="#">Maximale MTA-Empfänger</a>	Definiert die maximale Anzahl gleichzeitiger SMTP-Empfänger (Simple Mail Transfer Protocol), die von diesem Gateway verarbeitet werden.
<a href="#">Dial-Peer-Sprach-</a>	Der Befehl <b>application offramp</b> verweist auf den <b>Befehl für den</b>

<a href="#">Nummernmernm opp Anwendungsaußlagerung eingehende angerufene Nummer Informationsfaxe</a>	<b>Sprachnamen der Anrufanwendung.</b> Der <i>Name</i> stimmt mit Offramp überein. Der Befehl <b>incoming called-number</b> wird verwendet, um diesen eingehenden Multimedia Mail over IP (MMoIP)-Peer zu entsprechen. Der Befehl <b>information-type fax</b> identifiziert die diesem Peer zugeordneten Anrufe als Faxübertragungen.
<a href="#">Speicherort für den Sprachnamen der Anrufanwendung</a>	Definiert einen globalen Namen für die Anwendung (in diesem Fall Offramp) und deren Speicherort (in diesem Fall auf einem externen TFTP-Server).
Optionale Parameter:	
<a href="#">Sendeteilnehmer per Fax</a>	Definiert die TSI (Senderkennung).
<a href="#">Header für Faxversand Linker Fax-Header senden Rechter Header per Fax senden</a>	Folgende Optionen stehen zur Verfügung: { <b>USD</b>   <b>d USD</b>   <b>p. USD</b>   <b>USD</b>   <b>string</b> } <ul style="list-style-type: none"> <li>• <b>\$a\$</b> - Datum</li> <li>• <b>\$</b> - Zieladresse</li> <li>• <b>\$</b> - Absenderadresse</li> <li>• <b>\$p\$</b> - Seitenzählung</li> <li>• <b>\$</b> - Übertragungszeit</li> </ul> Verwenden Sie das <i>string</i> -Argument in diesem Befehl, um eine personalisierte Textzeichenfolge einzufügen.
<b>Faxübermittlungsseite</b>	Folgende Optionen stehen zur Verfügung: <ul style="list-style-type: none"> <li>• <b>enable</b>: Aktiviert das OffRamp-Gateway, ein Deckblatt zu senden.</li> <li>• <b>comment</b>: Fügt personalisierte Kommentare zum Deckblatt hinzu.</li> <li>• <b>show-detail</b> - Druckt den gesamten E-Mail-Header als Teil des Deckblatts.</li> </ul>
<a href="#">MTA Receive-Generierung-mdn</a>	Ermöglicht es dem OffRamp-Gateway, auf MDN-Anfragen (Message Disposition Notification) zu reagieren.

## [OffRamp-Konfiguration](#)

E-Mails wurden von Outlook Express an das OffRamp Gateway (vdtl-5350-8a) gesendet und an eine Reihe von Zielen gesendet.

vdctl-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 vdctl-5350-8a

!

boot system flash c5350-is-mz.122-7.6.T1

enable secret 5 \$1\$MmyY\$IQ3OW1Yfd9xjOJj5lYaC7.

!

!

resource-pool disable

clock timezone EST -5

!

!

ip subnet-zero

ip cef

ip domain-name testlab-t37.com

ip name-server 172.18.106.36

!

isdn switch-type primary-5ess

!

!

fax send transmitting-subscriber \$\$s

fax send left-header \$t\$

fax send center-header \$\$s

fax send right-header \$p\$

fax send coverpage enable

fax send coverpage show-detail

fax send coverpage comment vdctl-5350-8a Offramp Cover Page

fax interface-type fax-mail

mta receive aliases vdctl-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#

```

## [Fehlerbehebung](#)

Dieses Dokument ist eine Fortsetzung von [T.37 OnRamp Faxing](#). Die meisten der in diesem Dokument aufgeführten Befehlsreferenzen werden auch für OffRamp-Faxe verwendet. Weitere Informationen finden Sie in diesem Dokument.

## [Fehlgeschlagene Debugger](#)

Dies sind die **Debug**-Befehlsausgabeprotokolle bei einem fehlgeschlagenen Faxanruf. Dieser

**debug**-Befehl wurde auf einem Cisco 5350-Gateway ausgegeben, das in diesem Beispiel als OffRamp-Fax-Gateway für das Netzwerk fungiert.

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

```

## Arbeitsdebuggen

Dies sind die **Debug**-Befehlsausgabeprotokolle von einem erfolgreichen Faxanruf. Die **Debug**-Befehle wurden erneut für ein Cisco 5350-Gateway ausgegeben, das in diesem Beispiel das OffRamp-Fax-Gateway ist.

```

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
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#
```

## [Zugehörige Informationen](#)

- [T.37-OnRamp-Faxen](#)
- [Fax over IP T.37 Store und Forward Fax](#)
- [Produkt-Support für Sprach- und Unified Communications](#)
- [Fehlerbehebung bei Cisco IP-Telefonie](#)
- [Technischer Support - Cisco Systems](#)