

Télécopie OffRamp T.37

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Introduction

Cette section du document principal [Fax over IP T.37 Store and Forward Fax](#) se concentre sur le stockage et le transfert de fax OffRamp. OffRamp T.37 est le processus par lequel une passerelle accepte un e-mail, convertit cet e-mail en fax, puis l'envoie via un port vocal.

Ce document contient la configuration nécessaire pour rendre la fonctionnalité opérationnelle. La section [Dépannage](#) passe en revue les commandes de **débogage** utiles et explique comment interpréter leur signification. La topologie utilisée est présentée dans la section [Schéma du réseau](#).

Conditions préalables

[Conditions requises](#)

Les exigences spécifiques de ce document sont spécifiées dans la section principale, [Fax over IP T.37 Store and Forward Fax](#).

[Components Used](#)

Ce document n'est pas limité à des versions de matériel et de logiciel spécifiques.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

For more information on document conventions, refer to the [Cisco Technical Tips Conventions](#).

Configuration

Dans les sections ci-dessous, les paramètres de configuration du logiciel Cisco IOS® relatifs à la configuration de télécopie OffRamp sont expliqués, puis la configuration 5300 est affichée avec des notes supplémentaires clarifiant les fonctions des commandes importantes.

Diagramme du réseau

Ce document utilise la configuration réseau indiquée dans le diagramme suivant :



Paramètres de configuration

Voici les commandes courantes utilisées dans la configuration OffRamp de la passerelle :

Paramètres obligatoires :	
fax interface-type fax-mail	Active la fonctionnalité T.37 pour la passerelle. Nécessite un redémarrage sur le 5300, mais pas sur le 5350 ou le 5400.
alias de réception mta	Définit un nom d'hôte à utiliser comme alias pour la passerelle OffRamp. Vous pouvez définir jusqu'à dix. La passerelle accepte le courrier entrant si le nom d'hôte de destination du courrier entrant correspond à un alias.
mta Receive maximum-Destinataires	Définit le nombre maximal de destinataires SMTP (Simple Mail Transfer Protocol) simultanés gérés par cette passerelle.
dial-peer voice number mmoip délestage d'application numéro appelé entrant fax de type information	La commande application offramp fait référence à la commande call application voice name . Le <i>nom</i> correspond à la valeur off. La commande entrant call-number est utilisée pour faire correspondre cet homologue Multimedia Mail over IP (MMoIP) entrant. La commande information-type fax identifie les appels associés à cet homologue comme étant des transmissions de fax.

emplacement du nom vocal de l'application d'appel	Définit un nom global pour l'application (hors connexion, dans ce cas) et son emplacement (sur un serveur TFTP externe, dans ce cas).
Paramètres facultatifs :	
fax send-Subscriber	Définit l'identification de l'abonné émetteur (STI).
fax send center-header fax send left-header fax send right-header	Les options sont les suivantes : {\$a\$ \$d\$ \$p\$ \$s\$ \$t\$ chaîne} <ul style="list-style-type: none"> • \$a\$—Date • \$d\$—adresse de destination • \$s\$—adresse de l'expéditeur • \$p\$—Nombre de pages • \$t\$—Temps de transmission Utilisez l'argument <i>string</i> dans cette commande pour insérer une chaîne de texte personnalisée.
fax send coverage	Les options sont les suivantes : <ul style="list-style-type: none"> • enable : active la passerelle OffRamp pour envoyer une feuille de couverture. • comment : ajoute des commentaires personnalisés à la feuille de couverture. • show-detail : imprime l'en-tête de l'e-mail entier dans la feuille de couverture.
mta Receive generate-mdn	Permet à la passerelle OffRamp de répondre aux demandes de notification de disposition de message (MDN).

[Configuration OffRamp](#)

Des e-mails ont été envoyés depuis Outlook Express vers la passerelle OffRamp (vdtl-5350-8a) et ont été envoyés vers plusieurs destinations.

```
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$IQ3OW1Yfd9xj0Jj5lYaC7.
!
!
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 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#

```

Dépannage

Ce document est la suite de [T.37 OnRamp Faxing](#). La plupart des références de commande répertoriées dans ce document sont également utilisées pour la télécopie OffRamp. Reportez-vous à ce document pour plus d'informations.

Débogues échoués

Il s'agit des journaux de sortie de la commande **debug** d'un appel de télécopie qui a échoué. Cette commande **debug** a été exécutée sur une passerelle Cisco 5350, qui agit comme passerelle de télécopie OffRamp pour le réseau dans cet exemple.

```

vdt1-5350-8a# debug mta receive all
All email receive debugging is on
vdt1-5350-8a#
Mar 26 12:15:02.372: esmtp_server_work: calling ehlo
Mar 26 12:15:02.780: esmtp_server_work: calling mail
Mar 26 12:15:03.280: esmtp_server_work: calling rcpt
Mar 26 12:15:03.780: esmtp_server_work: calling data
Mar 26 12:15:04.280: (S)R: 'Received: from andyw2k ([172.18.106.183]) by
vnt-smtp.testlab-t37.com with Microsoft SMTPSVC(5.0.2195.4453);'
Mar 26 12:15:04.280: (S)R: ' Tue, 26 Mar 2002 12:13:50 -0500'
Mar 26 12:15:04.280: (S)R: 'Message-ID: <000301c1d4e9$c3a937c0$b76a12ac@amer.cisco.com>'
Mar 26 12:15:04.280: (S)R: 'From: "Andy" <andy@testlab-t37.com>'

```

Mar 26 12:15:04.280: (S)R: 'To: <FAX=98915510@vdtl-5350-8a.testlab-t37.com>'
Mar 26 12:15:04.280: (S)R: 'Subject: test email with WinFax Pro...'
Mar 26 12:15:04.284: (S)R: 'MIME-Version: 1.0'
Mar 26 12:15:04.284: (S)R: 'Content-Type: multipart/mixed;'
Mar 26 12:15:04.284: (S)R: '
boundary="/en/US/docs/net_mgmt/wan_service_administrator/1.1/administrator/guide/getstart.html=_
NextPart_000_0000_01C1D4BF.DABAC5C0" '
Mar 26 12:15:04.284: (S)R: 'X-Mailer: Microsoft Outlook Express 6.00.2600.0000'
Mar 26 12:15:04.284: (S)R: 'X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2600.0000'
Mar 26 12:15:04.284: (S)R: 'Return-Path: andy@testlab-t37.com'
Mar 26 12:15:04.284: (S)R: 'X-OriginalArrivalTime: 26 Mar 2002 17:13:50.0153 (UTC)
FILETIME=[98F1B390:01C1D4E9] '
Mar 26 12:15:04.284: (S)R: 'Date: 26 Mar 2002 12:13:50 -0500'
Mar 26 12:15:04.284: (S)R: ''
Mar 26 12:15:04.284: esmtp_server_engine_new_part: Field name : message-id:
Field Value : <000301c1d4e9\$c3a937c0\$b76a12ac@amer.cisco.com>
Field name : from: Field Value : "Andy" <andy@testlab-t37.com>
Field name : to: Field Value : <FAX=98915510@vdtl-5350-8a.testlab-t37.com>
Field name : subject: Field Value : test email with WinFax Pro...
Field name : Content-Type: Field Value : multipart/mixed;

boundary="/en/US/docs/net_mgmt/wan_service_administrator/1.1/administrator/guide/getstart.html=_
NextPart_000_0000_01C1D4BF.DABAC5C0"
Field name : date: Field Value : 26 Mar 2002 12:13:50 -0500

Mar 26 12:15:04.284: (S)R: 'Content-Type: text/plain;'
Mar 26 12:15:04.284: (S)R: ' charset="iso-8859-1" '
Mar 26 12:15:04.284: (S)R: 'Content-Transfer-Encoding: quoted-printable'
Mar 26 12:15:04.284: (S)R: ''
Mar 26 12:15:04.284: esmtp_server_engine_new_part: Field name : Content-Type:
Field Value : text/plain; charset="iso-8859-1"
Field name : Content-Transfer-Encoding: Field Value : quoted-printable

Mar 26 12:15:04.284: esmtp_server_work: freeing temp header
Mar 26 12:15:04.284: (S)R: 'Content-Type: application/x-msdownload;'
Mar 26 12:15:04.284: (S)R: ' name="FAX2B.exe" '
Mar 26 12:15:04.284: (S)R: 'Content-Transfer-Encoding: base64'
Mar 26 12:15:04.284: (S)R: 'Content-Disposition: attachment;'
Mar 26 12:15:04.284: (S)R: ' filename="FAX2B.exe" '
Mar 26 12:15:04.284: (S)R: ''
Mar 26 12:15:04.284: esmtp_server_engine_new_part: Field name : Content-Type:
Field Value : application/x-msdownload; name="FAX2B.exe"
Field name : Content-Transfer-Encoding: Field Value : base64

Mar 26 12:15:04.284: esmtp_server_work: freeing temp header
Mar 26 12:15:04.288: esmtp_server_work: Unrecognized/handled MIME content
type rejected
Mar 26 12:15:04.600: (S)R: ''
Mar 26 12:15:04.600: esmtp_server_engine_new_part:
Mar 26 12:15:04.600: esmtp_server_work: freeing temp header
Mar 26 12:15:04.600: esmtp_server_dot_check: Found the terminating Dot!
Mar 26 12:15:04.600: rejectMessage:
Mar 26 12:15:22.052: esmtp_server_engine_update_recipient_status: status=7
Mar 26 12:16:09.156: esmtp_server_engine_get_statistics: ctx=0x6363AA38,
smtpStatus=14
Mar 26 12:16:09.156: esmtp_server_engine_update_recipient_status: status=24
Mar 26 12:16:19.600: esmtp_server_engine_generate_notification:
Mar 26 12:16:20.264: esmtp_server_work: calling quit
Mar 26 12:16:20.264: esmtp_server_closesocket: esmtp_server: closing socket 1
Mar 26 12:16:20.264: esmtp_server_engine_clear_state:
Mar 26 12:16:20.264: freeing RECIPIENT context
(envelope=FAX=98915510@vdtl-5350-8a.testlab-t37.com)
Mar 26 12:16:20.264: esmtp_server_work: Freeing SMTP ctx at 0x6363AA38

Mar 26 12:16:20.264: esmtp_server: returned from work, context freed
vdtl-5350-8a#

Débogues en cours de travail

Il s'agit des journaux de sortie de la commande **debug** d'un appel de télécopie réussi. Les commandes **debug** ont été à nouveau émises sur une passerelle Cisco 5350, qui est la passerelle de télécopie OffRamp dans cet exemple.

```
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

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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#
```

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- [Télécopie OnRamp T.37](#)
- [Télécopie sur IP T.37 Store et télécopie par transfert](#)
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