

T.37 オフランプ ファクシミリ

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概要

『Fax over IP T.37 Store and Forward Fax』メインドキュメントのこの項では、オフランプストアアンドフォワードファクス送信について説明します。OffRamp T.37 は、ゲートウェイが E メールを受信し、ファクスに E メールを変換し、音声ポート経由で送信するプロセスです。

このマニュアルでは、この機能を使用可能にするために必要な設定について説明します。「[トラブルシューティング](#)」の項では、[便利な debug コマンドとその意味を解釈する方法について確認](#)します。使用するトポロジは、「[ネットワーク構成図](#)」の項で示されます。

前提条件

要件

このドキュメントにおける特定の要件は、メインセクションの「[Fax Over IP の T.37 ストアアンドフォワードのファクス](#)」で指定されます。

使用するコンポーネント

このドキュメントの内容は、特定のソフトウェアやハードウェアのバージョンに限定されるものではありません。

このドキュメントの情報は、特定のラボ環境にあるデバイスに基づいて作成されました。このドキュメントで使用するすべてのデバイスは、初期（デフォルト）設定の状態から起動しています。対象のネットワークが稼働中である場合には、どのようなコマンドについても、その潜在的

な影響について確実に理解しておく必要があります。

表記法

ドキュメント表記の詳細は、「[シスコテクニカルティップスの表記法](#)」を参照してください。

コンフィギュレーション

以下の項では、まず OffRamp ファクス設定に関連する Cisco IOS® ソフトウェアの設定パラメータについて説明し、次に 5300 設定を示して、重要なコマンドの機能について補足説明します。

ネットワーク図

このドキュメントでは次の図に示すネットワーク構成を使用しています。



設定パラメータ

ゲートウェイの OffRamp 設定で使用される一般的なコマンドは次のとおりです。

必須パラメータ :	
fax interface-type fax-mail	ゲートウェイの T.37 機能を有効にします。5300 でリブートが必要ですが、5350 または 5400 では必要ありません。
mta receive aliases	OffRamp ゲートウェイのエイリアスとして使用するホスト名を定義します。10 個まで定義できます。着信メールの宛先ホスト名がエイリアスに一致する場合にのみ、ゲートウェイは着信メールを受け入れます。
mta receive maximum-recipient	このゲートウェイによって処理される Simple Mail Transfer Protocol (SMTP) の同時受信者の最大数を定義します。
dial-peer voice number mmoip アプリケーションオフランプ incoming	application offramp コマンドは call application voice name コマンドを参照します。name は offramp に一致します。この Multimedia Mail over IP (MMoIP) ピア着信をマッチングするために incoming called-number コマンドが使用されます。information-type fax コマンドは、FAX 伝送としてこのピアに関連付けられたコールを識別します。

called-number 情報型フ ァックス	
call application voice name location	アプリケーション (この場合はオフランプ) とその場所 (この場合は外部 TFTP サーバ) のグローバル名を定義します。
オプション パラメータ :	
fax send transmitting-subscriber	伝送側サブスクライバ ID (TSI) を定義します。
fax send center-header fax send left-header fax send right-header	次のオプションがあります。 { \$a\$ \$d\$ \$p\$ \$s\$ \$t\$ 文字列 } <ul style="list-style-type: none"> • \$A\$: 日付 • \$d\$: 宛先アドレス • \$s\$: 送信元アドレス • \$p\$: ページ番号 • \$t\$: 伝送時間 パーソナライズされたテキスト文字列を挿入するには、このコマンドでストリング引数を使用します。
fax send coverpage	次のオプションがあります。 <ul style="list-style-type: none"> • enable : OffRamp ゲートウェイでカバーシート (表紙) を送信する操作を有効にします。 • comment : パーソナライズされたコメントをカバーシートに追加します。 • show-detail : 電子メール ヘッダー全体をカバーシートに含めて印字します。
mta receive generate-mdn	OffRamp ゲートウェイでメッセージ開封通知 (MDN) 要求に応答する操作を有効にします。

[OffRamp の設定](#)

電子メールが Outlook Express から OffRamp ゲートウェイ (vdtl-5350-8a) に送信され、多数の宛先に送信されました。

```
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 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#
```

トラブルシューティング

このドキュメントは「[T.37 オンランプ ファクシミリ](#)」の続きです。このドキュメントに含まれるコマンド リファレンスのほとんどは、OffRamp ファックス送信にも使用されます。詳細については、このドキュメントを参照してください。

失敗したデバッグ

失敗したファックス コールからの debug コマンド出力ログは、次のとおりです。この debug コマンドは、この例のネットワーク用の OffRamp ファックス ゲートウェイとして機能する Cisco 5350 ゲートウェイで発行されました。

```
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#
```

正常に動作するデバッグ

成功したファックス コールからの debug コマンド出力ログは、次のとおりです。これらの debug コマンドもまた、この例の OffRamp ファックス ゲートウェイである Cisco 5350 ゲートウェイで発行されました。

```
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:

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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#
```

[関連情報](#)

- [T.37 オンランプ ファクシミリ](#)
- [Fax Over IP T.37 ファクスの保存と転送](#)
- [音声とユニファイド コミュニケーションに関する製品サポート](#)
- [Cisco IP Telephony のトラブルシューティング](#)
- [テクニカルサポート - Cisco Systems](#)