

T.37离线管道电传

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简介

主要[FAX over IP T.37存储和发送传真](#)文档的此部分着重离线管道存储和转送传真。离线管道T.37是网关接受电子邮件，转换发电子邮件给传真，通过语音端口然后发送它的进程。

本文包含必要的必要的配置获得功能可操作。[Troubleshoot部分](#)在有用的调试指令去和如何解释他们的含义。使用的拓扑在[Network Diagram部分](#)显示。

先决条件

要求

本文的特定需求在主要部分指定，[FAX over IP T.37存储和发送传真](#)。

使用的组件

本文档不限于特定的软件和硬件版本。

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您使用的是真实网络，请确保您已经了解所有命令的潜在影响。

规则

有关文档规则的详细信息，请参阅[Cisco 技术提示规则](#)。

配置

在下面的部分，Cisco IOS软件配置参数与离线管道传真配置有关首先解释，5300配置然后显示与澄清重要命令的功能的进一步笔记。

网络图

本文档使用下图所示的网络设置。



配置参数

下面用于网关的离线管道配置的普通的命令：

必选参数：	
传真 interface-type 传真邮件	Enable (event)网关的T.37功能。要求在5300的一辆重新启动，但是不是5350或者5400。
mta接收别名	定义了作为别名将使用的主机名离线管道网关。十可以定义。如果入站邮件的目的地主机名匹配别名，网关接受流入的邮件。
mta receive maximum-recipients	定义了此网关处理的同时简单邮件传输协议(SMTP)收件人最大。
dial-peer voice 编号 mmoip 应用程序 离线管道 incoming called-number 信息类型 传真	application offramp 命令是指call application voice name命令。名称匹配离线管道。 incoming called-number 命令用于匹配入站此多媒体邮件IP (Mmoip)的对等体。 information-type fax 命令识别呼叫关联与此对等体作为是传真传输。
呼叫应用程序语音名字位置	定义了一全局名称对于应用程序(离线管道，在这种情况下)和其位置(在一外部TFTP server，在这种情况下)。
可选参数：	
fax send transmittin g-subscriber	定义了传送的用户标识(TSI)。
fax send	选项有：{\$a\$ \$d\$ \$p\$ \$s\$ \$t\$ 字符串}

center-header fax send left-header fax send right-header	<ul style="list-style-type: none"> • \$a\$ —伊达市 • \$d\$ —目的地址 • \$s\$ —发送方地址 • \$p\$ —页计数 • \$t\$ —传输时间 <p>请使用 字符串 参数在此命令插入个性化的文本字符串。</p>
电传发送封面	<p>选项有：</p> <ul style="list-style-type: none"> • enable (event) —使离线管道网关发送盖板。 • 注释 — adds个性化注释到盖板。 • 详细信息 —作为盖板一部分，打印整个电子邮件报头。
mta接收生成MDN	<p>使离线管道网关回答消息处理通知(MDN)请求。</p>

[离线管道配置](#)

电子邮件从奥特卢克Express被发送了到离线管道网关(vdtl-5350-8a)和被发送了对一定数量的目的地。

```
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 $s$
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#
```

故障排除

本文是[T.37上线管道电传的](#)继续。列出的大多命令参考在该文档也使用离线管道电传。参考该文档欲知更多信息。

失败的调试

这些是从一个不成功传真呼叫的debug命令的输出日志。此debug命令在Cisco 5350网关发出，作为网络的离线管道传真网关在本例中。

```
vdt1-5350-8a# debug mta receive all
All email receive debugging is on
vdt1-5350-8a#
Mar 26 12:15:02.372: esmtp_server_work: calling ehlo
Mar 26 12:15:02.780: esmtp_server_work: calling mail
Mar 26 12:15:03.280: esmtp_server_work: calling rcpt
Mar 26 12:15:03.780: esmtp_server_work: calling data
Mar 26 12:15:04.280: (S)R: 'Received: from andyw2k ([172.18.106.183]) by
vnt-smtp.testlab-t37.com with Microsoft SMTPSVC(5.0.2195.4453);'
Mar 26 12:15:04.280: (S)R: ' Tue, 26 Mar 2002 12:13:50 -0500'
Mar 26 12:15:04.280: (S)R: 'Message-ID: <000301c1d4e9$c3a937c0$b76a12ac@amer.cisco.com>'
Mar 26 12:15:04.280: (S)R: 'From: "Andy" <andy@testlab-t37.com>'
Mar 26 12:15:04.280: (S)R: 'To: <FAX=98915510@vdt1-5350-8a.testlab-t37.com>'
Mar 26 12:15:04.280: (S)R: 'Subject: test email with WinFax Pro...'
Mar 26 12:15:04.284: (S)R: 'MIME-Version: 1.0'
Mar 26 12:15:04.284: (S)R: 'Content-Type: multipart/mixed;'
Mar 26 12:15:04.284: (S)R: '
boundary="/en/US/docs/net_mgmt/wan_service_administrator/1.1/administrator/guide/getstart.html=_
NextPart_000_0000_01C1D4BF.DABAC5C0"'
Mar 26 12:15:04.284: (S)R: 'X-Mailer: Microsoft Outlook Express 6.00.2600.0000'
Mar 26 12:15:04.284: (S)R: 'X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2600.0000'
Mar 26 12:15:04.284: (S)R: 'Return-Path: andy@testlab-t37.com'
Mar 26 12:15:04.284: (S)R: 'X-OriginalArrivalTime: 26 Mar 2002 17:13:50.0153 (UTC)
FILETIME=[98F1B390:01C1D4E9]'
Mar 26 12:15:04.284: (S)R: 'Date: 26 Mar 2002 12:13:50 -0500'
Mar 26 12:15:04.284: (S)R: ''
Mar 26 12:15:04.284: esmtp_server_engine_new_part: Field name : message-id:
Field Value : <000301c1d4e9$c3a937c0$b76a12ac@amer.cisco.com>
Field name : from: Field Value : "Andy" <andy@testlab-t37.com>
Field name : to: Field Value : <FAX=98915510@vdt1-5350-8a.testlab-t37.com>
Field name : subject: Field Value : test email with WinFax Pro...
Field name : Content-Type: Field Value : multipart/mixed;

boundary="/en/US/docs/net_mgmt/wan_service_administrator/1.1/administrator/guide/getstart.html=_
```

NextPart_000_0000_01C1D4BF.DABAC5C0"

Field name : date: Field Value : 26 Mar 2002 12:13:50 -0500

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

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

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

```

工作调试

这些是从一个成功的传真呼叫的**debug命令**的输出日志。调试指令在思科5350网关再发出，是在本例中的离线管道传真网关。

```

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"

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"

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"

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"

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"

vdctl-5350-8a# **debug mta receive all**

All email receive debugging is on

vdctl-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@vdctl-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@vdctl-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"

vdctl-5350-8a# **debug foip off-ramp**

FOIP Off ramp faxmail debugging is on

vdctl-5350-8a#

vdctl-5350-8a#

vdctl-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]

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]

vdtl-5350-8a# **debug fmsp send t30**

FMSP send t30 debugging is on

vdtl-5350-8a# **debug fmsp receive t30**

FMSP receive t30 debugging is on

vdtl-5350-8a#

Mar 26 11:43:29.570: t30 call4Leg=173, state=4, substate=7

Mar 26 11:43:29.570: fax2_command_receive: NO_COMMAND, T1

timer is not expired

Mar 26 11:43:33.622: t30 call4Leg=173, state=4, substate=7

Mar 26 11:43:33.622: received flag of modulation:

0

Mar 26 11:43:33.622: t30 call4Leg=173, state=4, substate=7

Mar 26 11:43:33.622: fax2_command_receive: NO_COMMAND, T1

timer is not expired

Mar 26 11:43:35.050: t30 call4Leg=173, state=4, substate=7

Mar 26 11:43:35.050: fax2_command_receive: PROCESSING

Mar 26 11:43:35.662: msg dump:FF C0 2 1E 86 66 4 C6 E B4 9E A6 36 2E 96 16 EE B6 4 4 4 4 4

Mar 26 11:43:35.662:

Mar 26 11:43:35.662: t30 call4Leg=173, state=4, substate=7

Mar 26 11:43:35.662: received: CSI remote id

string: andy-pc fax

```
vdtl-5350-8a# debug fmsp send t30
FMSP send t30 debugging is on
vdtl-5350-8a# debug fmsp receive t30
FMSP receive t30 debugging is on
vdtl-5350-8a#
Mar 26 11:43:29.570: t30 call4Leg=173, state=4, substate=7
Mar 26 11:43:29.570: fax2_command_receive: NO_COMMAND, T1
timer is not expired
Mar 26 11:43:33.622: t30 call4Leg=173, state=4, substate=7
Mar 26 11:43:33.622: received flag of modulation:
0
Mar 26 11:43:33.622: t30 call4Leg=173, state=4, substate=7
Mar 26 11:43:33.622: fax2_command_receive: NO_COMMAND, T1
timer is not expired
Mar 26 11:43:35.050: t30 call4Leg=173, state=4, substate=7
Mar 26 11:43:35.050: fax2_command_receive: PROCESSING
Mar 26 11:43:35.662: msg dump:FF C0 2 1E 86 66 4 C6 E B4 9E A6 36 2E 96 16 EE B6 4 4 4 4 4
Mar 26 11:43:35.662:
Mar 26 11:43:35.662: t30 call4Leg=173, state=4, substate=7
Mar 26 11:43:35.662: received: CSI remote id
string: andy-pc fax
```

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