

ي توصلنا فتاهل اةم دڤ ر فوم ءاطخأ حى ح صت

المحتويات

[المقدمة](#)

[قبل البدء](#)

[الاصطلاحات](#)

[المتطلبات الأساسية](#)

[المكونات المستخدمة](#)

[T.38 debug vtsp all أمر يعرض تنزيل ترميز الفاكس](#)

[مثال عمل من ال ال VoFR debug vtsp all أمر](#)

[الموجه المنشأ](#)

[موجه منهي](#)

[معلومات ذات صلة](#)

المقدمة

يزود هذا وثيقة إثبات إنقطة من debug vtsp all أمر إنتاج لمكالمة وحيد أن بنجاح اجتاز فاكس. الأول خاص بالفاكس T.38، ولكنه أيضا مناسب لترحيل الفاكس عبر الصوت عبر IP (VoIP). يحتوي هذا الإخراج على تعليقات لتوضيح عملية تعريف برنامج ترميز الفاكس الذي تم تنزيله واستخدامه. ويكون فك الترميز الثاني للصوت عبر ترحيل الإطارات (VoFR) ولا يتم التعليق عليه. ال debug vtsp all لا يحتوي على كثير معلومة من منظور T.30 بروتوكول، غير أن هو يوفر حالة معلومات مفيدة من المسحاح تحديد مثل:

- التأكيد على أن الموجه دخل وضع الفاكس
- معدل الفاكس، الترميز، وما إذا كان وضع تصحيح الأخطاء (ECM) قد تم استخدامه
- التأكيد على أن العبارة المنتهية تلقت نغمة فاكس من جهاز الفاكس المنهي

قبل البدء

الاصطلاحات

للحصول على مزيد من المعلومات حول اصطلاحات المستندات، راجع [اصطلاحات تلميح Cisco التقنية](#).

المتطلبات الأساسية

لا توجد متطلبات أساسية خاصة لهذا المستند.

المكونات المستخدمة

تستند المعلومات الواردة في هذا المستند بشكل أساسي إلى برنامج Cisco IOS الإصدار 12.2(5)، رغم أنه يجب أن تكون معظم المعلومات مفيدة أيضا لإصدارات برنامج Cisco IOS الأخرى.

تم إنشاء المعلومات المقدمة في هذا المستند من الأجهزة الموجودة في بيئة معملية خاصة. بدأت جميع الأجهزة

المُستخدمة في هذا المستند بتكوين ممسوح (افتراضي). إذا كنت تعمل في شبكة مباشرة، فتأكد من فهمك للتأثير المحتمل لأي أمر قبل استخدامه.

T.38 debug vtsp all أمر يعرض تنزيل ترميز الفاكس

لترحيل الفاكس T.38، بعد اتصال المكالمة وكشف الموجه عن تصحيح أخطاء نغمة الفاكس، سيتم عرض رسائل مماثلة لما يلي.

```
debug vtsp all أمر

Prior to the ccCallConnect message and during the ---!
capabilities !--- exchange phase, the fax_rate message
may be displayed as follows: .Jun 4 21:06:43.677:
cc_api_caps_ack (dstVdbPtr=0x62F07650, dstCallId=0x18,
srcCallId=0x19, caps={codec=0x4, fax_rate=0x2, vad=0x2,
modem=0x0
({codec_bytes=20, signal_type=2
In this case the fax rate 0x02 refers to the voice ---!
rate, which !--- with this codec (g.729), is less than
or equal to 8 kbps. !--- Listed below are the other
possible fax rate values. !--- Below is a listing of fax
rate values for Cisco IOS Software Release 12.2.x or
earlier: !--- hex value fax rate value !--- 0x2 Voice !-
-- 0x4 14400 !--- 0x8 9600 !--- 0x10 7200 !--- 0x20 4800
!--- 0x40 2400 !--- 0x80 1200 !--- Below is a listing of
new fax rate values for Cisco IOS Software Release
12.3.x or later: !--- Note the hex values now map to
slightly different speeds than the list above. !--- /*
FAX Capabilities Bits */ !--- #define CC_CAP_FAX_NONE
0x01 !--- #define CC_CAP_FAX_VOICE 0x02 !--- #define
CC_CAP_FAX_24 0x04 !--- #define CC_CAP_FAX_48 0x08 !---
#define CC_CAP_FAX_72 0x10 !--- #define CC_CAP_FAX_96
0x20 !--- #define CC_CAP_FAX_120 0x40 !--- #define
CC_CAP_FAX_144 0x80 !--- Usually, after the call is
connected, the ccCallConnect debug !--- message is seen
as follows: .Jun 4 21:06:44.841: ccCallConnect
(callID=0x18), prog_ind = 0 .Jun 4 21:06:44.841:
ssaFlushPeerTagQueue cid(24) peer list: (empty) .Jun 4
21:06:47.437: vtsp_process_dsp_message:
MSG_TX_GET_TX_STAT: rtp_timestamp=0xD4D85071 .Jun 4
21:06:47.437: vtsp:[4/0:15 (25), S_CONNECT,
E_DSP_GET_TX] .Jun 4 21:06:49.049:
vtsp_process_dsp_message: MSG_TX_GET_TX_STAT:
rtp_timestamp=0xD4D882D1 .Jun 4 21:06:49.049:
vtsp:[4/0:15 (25), S_CONNECT, E_DSP_GET_TX] .Jun 4
21:06:50.129: vtsp_process_dsp_message:
MSG_TX_TONE_DETECT: type=0 trigger=1 tone_id=0 .Jun 4
21:06:50.129: vtsp:[4/0:15 (25), S_CONNECT,
E_DSP_TONE_DETECT] .Jun 4 21:06:50.129:
vtsp_modem_proto_from_cdb: cap_modem_proto 0 .Jun 4
21:06:50.129: cc_api_call_feature: (vdbPtr=0x63387EDC,
callID=0x19, feature_ind.type=1 .Jun 4 21:06:50.129:
,act_lfax_switch: cap_modem_proto=16
fax_relay_on=1, state=19
Jun 4 21:06:50.129: vtsp_t38_switchover:2 - data_mode:1.
Note that 2 means T.38; 1 means Cisco proprietary. ---!
.Jun 4 21:06:50.129: cc_api_t38_fax_start
(dstVdbPtr=0x62F07650, dstCallId=0x18, srcCallId=0x19,
caps={codec=0x10000, fax_rate=0x2, vad=0x2, modem=0x0
```

```
codec_bytes=20, signal_type=2)) .Jun 4 21:06:50.129:
vtsp_timer: 20362254 .Jun 4 21:06:50.129: sess_appl:
ev(28=CC_EV_CALL_FEATURE), cid(25), disp(0) .Jun 4
21:06:50.129:
cid(25)st(SSA_CS_ACTIVE)ev(SSA_EV_CALL_FEATURE)
oldst(SSA_CS_CONFERENCED_ALERT)cfid(8)csize(0)in(0)fDest
(0) .Jun 4 21:06:50.129: -
cid2(24)st2(SSA_CS_ACTIVE)oldst2
(SSA_CS_CONFERENCING_ALERT) .Jun 4 21:06:50.129:
ccCallFeature (callID=0x18, feature.type=1) .Jun 4
21:06:50.249: vtsp_process_dsp_message:
MSG_TX_TONE_DETECT: type=0 trigger=0 tone_id=0 .Jun 4
21:06:50.249: vtsp:[4/0:15 (25), S_LFAX_WAIT_CAPS_ACK,
[E_DSP_TONE_DETECT
Jun 4 21:06:50.249: vtsp_process_event(): prev_state = .
, 0.11
state = S_LFAX_WAIT_CAPS_ACK, event = E_DSP_TONE_DETECT
:Jun 4 21:06:50.389: vtsp_process_dsp_message.
MSG_TX_TONE_DETECT: type=0 trigger=1 tone_id=0
,(Jun 4 21:06:50.389: vtsp:[4/0:15 (25).
[S_LFAX_WAIT_CAPS_ACK, E_DSP_TONE_DETECT
Jun 4 21:06:50.389: vtsp_process_event(): prev_state = .
, 0.11
state = S_LFAX_WAIT_CAPS_ACK, event = E_DSP_TONE_DETECT
:Jun 4 21:06:50.489: vtsp_process_dsp_message.
MSG_TX_TONE_DETECT: type=0 trigger=0 tone_id=0
,(Jun 4 21:06:50.489: vtsp:[4/0:15 (25).
[S_LFAX_WAIT_CAPS_ACK, E_DSP_TONE_DETECT
Jun 4 21:06:50.489: vtsp_process_event(): prev_state = .
, 0.11
,state = S_LFAX_WAIT_CAPS_ACK
event = E_DSP_TONE_DETECT Invalid FSM Input on channel
(4/0:15 (25)
Jun 4 21:06:50.529: cc_api_t38_fax_start.
,(dstVdbPtr=0x63387EDC
dstCallId=0x19, srcCallId=0x18, caps={codec=0x10000,
,fax_rate=0x2
({vad=0x2, modem=0x0 codec_bytes=160, signal_type=2
,(Jun 4 21:06:50.529: vtsp:[4/0:15 (25).
[S_LFAX_WAIT_CAPS_ACK, E_CC_T38_START
Jun 4 21:06:50.529: act_caps_ack_lfax_dnld.
Jun 4 21:06:50.529: vtsp_timer_stop: 20362294.
Jun 4 21:06:50.529: dsp_idle_mode: [4/0:15 (25)].
packet_len=8
channel_id=1 packet_id=68
,(Jun 4 21:06:50.529: vtsp:[4/0:15 (25).
[S_LFAX_DOWNLOAD, E_DSPRM_PEND_SUCCESS
Jun 4 21:06:50.529: act_lfax_mode.
Jun 4 21:06:50.529: cc_api_local_codec_dnld_done.
(dstVdbPtr=0x62F07650, dstCallId=0x18, srcCallId=0x19)
The previous three messages confirm that the fax ---!
codec was successfully !--- downloaded into the DSP. You
may not see all the messages above !--- and below. The
important point is that you do not see error !---
messages saying that the fax codec was not downloaded
correctly. .Jun 4 21:06:50.529: vtsp_timer: 20362294
.Jun 4 21:06:50.929: cc_api_t38_fax_start
(dstVdbPtr=0x63387EDC, dstCallId=0x19, srcCallId=0x18,
caps={codec=0x10000, fax_rate=0x2, vad=0x2, modem=0x0
codec_bytes=160, signal_type=2)) .Jun 4 21:06:50.929:
cc_api_remote_codec_dnld_done (dstVdbPtr=0x63387EDC,
dstCallId=0x19, srcCallId=0x18) .Jun 4 21:06:50.929:
vtsp:[4/0:15 (25), S_LFAX_WAIT_FAX, E_CC_T38_START] .Jun
4 21:06:50.929: vtsp:[4/0:15 (25), S_LFAX_WAIT_FAX,
```

```
E_CC_T30_CAP_ACK] .Jun 4 21:06:50.929: act_t38_lfax_mode
.Jun 4 21:06:50.929: vtsp_timer_stop: 20362334 .Jun 4
21:06:50.929: dsp_idle_mode: [4/0:15 (25)] packet_len=8
channel_id=1 packet_id=68 .Jun 4 21:06:50.929:
dsp_encap_config: T38 .Jun 4 21:06:50.929: dsp_fax_mode:
[4/0:15 (25)] FaxRate 0x2, Codec 0x10000 dsp_fax_mode()
ECM_DISABLE not set, debug_info requested .Jun 4
21:06:50.929: dsp_fax_mode: [] packet_len=28
channel_id=1 packet_id=69 max_trans=3 info_size=20,
fax_protocol_type=3, ls_data_red=0, hs_data_red=0,
tcf_handling=2, fax_relay_cntl=0x2 nsf_country = 0xAD,
nsf_mfg = 0x0051 !--- During the fax transmission the
Cisco IOS Software polls the DSP !--- statistics
periodically, and the following message appears: .Jun 4
21:06:50.929: vtsp:[4/0:15 (25), S_FAX, E_DSP_GET_TX
```

قد يبدو التبع مختلفا في الإصدارات المختلفة من برنامج Cisco IOS Software، ولكن يجب أن تكون قادرا دائما على فهم ما إذا كان تم تحميل برنامج ترميز الفاكس بشكل صحيح وما هو بروتوكول الفاكس الذي تم استخدامه بواسطة الإخراج التالي للكلمة الأساسية "الفاكس".

إذا لم يتم تحميل برنامج ترميز الفاكس بشكل صحيح، فمن المحتمل أن تكون هناك مشكلة في البرنامج. تأكد من استخدام إصدار الصيانة الأخير، وإذا كانت لا تزال هناك مشكلة، فافتح حالة مع مركز المساعدة التقنية (TAC).

مثال عمل من ال debug vtsp all VoFR أمر

الموجه المنشأ

```
debug vtsp all - الموجه الأصلي
#vdt1-2600-2d
Jun 5 10:10:34.053: vtsp_tsp_call_setup_ind
,(sdb=0x81FD48DC, tdm_info=0x0
tsp_info=0x81FF74DC, calling_number= calling_oct3 =
,0x0
called_number= called_oct3 = 0x81, oct3a=0x0):
peer_tag=0
Jun 5 10:10:34.053: : ev.clg.clir is 0
ev.clg.clid_transparent
is 0 ev.clg.null_orig_clg is 1
ev.clg.calling_translated is false

Jun 5 10:10:34.057: vtsp_do_call_setup_ind
Jun 5 10:10:34.057: vtsp_allocate_cdb,cdb 0x821D9344
Jun 5 10:10:34.057: vtsp_do_call_setup_ind: Call
ID=65589, guid=821D9874
Jun 5 10:10:34.057: vtsp_do_call_setup_ind: type=0,
,under_spec=-2119571356
,name=f<0HNhf< 1=@, id0=1, id1=1, id2=-32567, calling
called= subscriber=RegularLine
Jun 5 10:10:34.057: vtsp_do_normal_call_setup_ind
Jun 5 10:10:34.057: vtsp_insert_cdb,cdb 0x821D9344
Jun 5 10:10:34.057: vtsp_open_voice_and_set_params
Jun 5 10:10:34.057: dsp_close_voice_channel: [1/1:0:27]
packet_len=8
channel_id=2 packet_id=75
Jun 5 10:10:34.057: dsp_open_voice_channel_20:
[1/1:0:27] packet_len=16
channel_id=2 packet_id=74 alaw_ulaw_select=0
```

```
associated_signaling_channel=129 time_slot=1
serial_port=0
Jun  5 10:10:34.057: vtsp_modem_proto_from_cdb:
cap_modem_proto 1073741824
Jun  5 10:10:34.057: vtsp_modem_proto_from_cdb:
cap_modem_proto 1073741824
Jun  5 10:10:34.057: dsp_encap_config: [1/1:0:27]
packet_len=30
channel_id=2 packet_id=92 TransportProtocol 2
t_ssrc=0x0 r_ssrc=0x0
t_vpxcc=0x0 r_vpxcc=0x0 sid_support=1,
,tse_payload=65535, seq_num=0x0
redundancy=0
Jun  5 10:10:34.061: dsp_set_playout_delay
Jun  5 10:10:34.061: dsp_set_playout: [1/1:0:27]
packet_len=18
channel_id=2 packet_id=76 mode=1 initial=60 min=40
max=200 fax_nom=300
dsp_set_playout_delay_config
Jun  5 10:10:34.061: dsp_set_playout_config
Jun  5 10:10:34.061: mode 0, init 60, min 40, max 200
playout default

Jun  5 10:10:34.061: dsp_set_playout_config:mode 0, init
60, min 40, max 200
Jun  5 10:10:34.061: dsp_set_playout_config: [1/1:0:27]
packet_len=18
channel_id=2 packet_id=76 mode=1 initial=60 min=40
max=200 fax_nom=300
Jun  5 10:10:34.061: dsp_echo_canceler_control:
echo_cancel: 1
Jun  5 10:10:34.061: dsp_echo_canceler_control:
,[1/1:0:27] echo_cancel 1
disable_hpf 0, flags=0x0
Jun  5 10:10:34.061: dsp_echo_canceler_control:
[1/1:0:27] packet_len=10
channel_id=2 packet_id=66 flags=0x0
Jun  5 10:10:34.061: sgf: FXx/E&M: msg-
>message.set_codec_gains.out_gain=0
Jun  5 10:10:34.061: dsp_set_gains: [1/1:0:27]
packet_len=12
channel_id=2 packet_id=91 in_gain=0 out_gain=0
Jun  5 10:10:34.061: dsp_vad_enable: [1/1:0:27] enable:
packet_len=12
channel_id=2 packet_id=78 thresh=-38
:Jun  5 10:10:34.061: vtsp_report_digit_control
enable=1: digit reporting enabled
Jun  5 10:10:34.061: : vtsp_get_digit_timeouts
Jun  5 10:10:34.065: vtsp:[1/1:0:27, S_SETUP_INDICATED,
[E_CC_SETUP_ACK
Jun  5 10:10:34.065: act_setup_ind_ack
Jun  5 10:10:34.065: vtsp_modem_proto_from_cdb:
cap_modem_proto 0
Jun  5 10:10:34.065: vtsp_modem_proto_from_cdb:
cap_modem_proto 0
Jun  5 10:10:34.065: dsp_encap_config: [1/1:0:27]
packet_len=30
channel_id=2 packet_id=92 TransportProtocol 2
t_ssrc=0x0 r_ssrc=0x0
t_vpxcc=0x0 r_vpxcc=0x0 sid_support=1,
,tse_payload=65535, seq_num=0x0
redundancy=0
Jun  5 10:10:34.065: dsp_voice_mode: [1/1:0:27] cdb
,821D9344
```

```

cdb->codec_params.modem 2, inband_detect flags 0x21
Jun  5 10:10:34.065: map_dtmf_relay_type--digit relay
                                mode: 2
Jun  5 10:10:34.065: dsp_voice_mode: [1/1:0:27]
                                packet_len=24
                                channel_id=2 packet_id=73 coding_type=1
                                voice_field_size=80 VAD_flag=0
echo_length=64 comfort_noise=1 inband_detect=33
                                digit_relay_mode=2
AGC_flag=0act_setup_ind_ack: modem_mode = 0,
                                fax_relay_on = 1
:()Jun  5 10:10:34.065: act_setup_ind_ack
(dsp_dtmf_mode())dsp_dtmf_mode(VTSP_TONE_DTMF_MODE

Jun  5 10:10:34.065: dsp_dtmf_mode: [1/1:0:27]
                                packet_len=10
                                channel_id=2 packet_id=65 dtmf_or_mf=0
Jun  5 10:10:34.065: vtsp_timer: 43525550
Jun  5 10:10:34.065: vtsp:[1/1:0:27, S_DIGIT_COLLECT,
                                [E_CC_GEN_TONE
Jun  5 10:10:34.065: act_gen_tone
Jun  5 10:10:34.065: dsp_cp_tone_off: [1/1:0:27]
                                packet_len=8
                                channel_id=2 packet_id=71
Jun  5 10:10:34.065: dsp_cp_tone_on: [1/1:0:27]
                                packet_len=38
                                channel_id=2 packet_id=72 tone_id=4 n_freq=2
                                freq_of_first=350
freq_of_second=440 amp_of_first=5514 amp_of_second=5514
                                direction=1
on_time_first=65535 off_time_first=0 on_time_second=0
                                off_time_second=0
Jun  5 10:10:34.065: vtsp:[1/1:0:27, S_DIGIT_COLLECT,
                                [E_CC_GEN_TONE
Jun  5 10:10:34.069: act_gen_tone
Jun  5 10:10:34.069: dsp_cp_tone_off: [1/1:0:27]
                                packet_len=8
                                channel_id=2 packet_id=71
Jun  5 10:10:34.069: dsp_cp_tone_on: [1/1:0:27]
                                packet_len=38
                                channel_id=2 packet_id=72 tone_id=4 n_freq=2
                                freq_of_first=350
freq_of_second=440 amp_of_first=5514 amp_of_second=5514
                                direction=1
on_time_first=65535 off_time_first=0 on_time_second=0
                                off_time_second=0
:Jun  5 10:10:35.544: vtsp_process_dsp_message
                                MSG_TX_DTMF_DIGIT_BEGIN: digit=4,
                                rtp_timestamp=0xD455BA67
,Jun  5 10:10:35.544: vtsp:[1/1:0:27, S_DIGIT_COLLECT
                                [E_DSP_DTMF_DIGIT_BEGIN
Jun  5 10:10:35.544: act_report_digit_begin
:Jun  5 10:10:35.612: vtsp_process_dsp_message
                                MSG_TX_DTMF_DIGIT_OFF: digit=4, duration=120
Jun  5 10:10:35.616: vtsp:[1/1:0:27, S_DIGIT_COLLECT,
                                [E_DSP_DTMF_DIGIT
Jun  5 10:10:35.616: act_report_digit_end
Jun  5 10:10:35.616: vtsp_timer_stop: 43525705
Jun  5 10:10:35.616: dsp_cp_tone_off: [1/1:0:27]
                                packet_len=8
                                channel_id=2 packet_id=71
Jun  5 10:10:35.616: vtsp_timer: 43525705
:Jun  5 10:10:35.732: vtsp_process_dsp_message

```

```
MSG_TX_DTMF_DIGIT_BEGIN: digit=0,
      rtp_timestamp=0xD455BA67
,Jun  5 10:10:35.732: vtsp:[1/1:0:27, S_DIGIT_COLLECT
      [E_DSP_DTMF_DIGIT_BEGIN
      Jun  5 10:10:35.732: act_report_digit_begin
:Jun  5 10:10:35.792: vtsp_process_dsp_message
      MSG_TX_DTMF_DIGIT_OFF: digit=0, duration=110
Jun  5 10:10:35.792: vtsp:[1/1:0:27, S_DIGIT_COLLECT,
      [E_DSP_DTMF_DIGIT
      Jun  5 10:10:35.792: act_report_digit_end
      Jun  5 10:10:35.792: vtsp_timer_stop: 43525722
Jun  5 10:10:35.796: dsp_cp_tone_off: [1/1:0:27]
      packet_len=8
      channel_id=2 packet_id=71
      Jun  5 10:10:35.796: vtsp_timer: 43525723
:Jun  5 10:10:35.933: vtsp_process_dsp_message
      MSG_TX_DTMF_DIGIT_BEGIN: digit=0,
      rtp_timestamp=0xD455BA67
,Jun  5 10:10:35.933: vtsp:[1/1:0:27, S_DIGIT_COLLECT
      [E_DSP_DTMF_DIGIT_BEGIN
      Jun  5 10:10:35.933: act_report_digit_begin
:Jun  5 10:10:36.005: vtsp_process_dsp_message
      MSG_TX_DTMF_DIGIT_OFF: digit=0, duration=120
,Jun  5 10:10:36.005: vtsp:[1/1:0:27, S_DIGIT_COLLECT
      [E_DSP_DTMF_DIGIT
      Jun  5 10:10:36.005: act_report_digit_end
      Jun  5 10:10:36.005: vtsp_timer_stop: 43525744
Jun  5 10:10:36.005: dsp_cp_tone_off: [1/1:0:27]
      packet_len=8
      channel_id=2 packet_id=71
      Jun  5 10:10:36.005: vtsp_timer: 43525744
:Jun  5 10:10:36.133: vtsp_process_dsp_message
      MSG_TX_DTMF_DIGIT_BEGIN: digit=1,
      rtp_timestamp=0xD455BA67
,Jun  5 10:10:36.133: vtsp:[1/1:0:27, S_DIGIT_COLLECT
      [E_DSP_DTMF_DIGIT_BEGIN
      Jun  5 10:10:36.133: act_report_digit_begin
:Jun  5 10:10:36.193: vtsp_process_dsp_message
      MSG_TX_DTMF_DIGIT_OFF: digit=1, duration=110
,Jun  5 10:10:36.193: vtsp:[1/1:0:27, S_DIGIT_COLLECT
      [E_DSP_DTMF_DIGIT
      Jun  5 10:10:36.193: act_report_digit_end
      Jun  5 10:10:36.193: vtsp_timer_stop: 43525762
Jun  5 10:10:36.193: dsp_cp_tone_off: [1/1:0:27]
      packet_len=8
      channel_id=2 packet_id=71
      Jun  5 10:10:36.193: vtsp_timer: 43525762
:Jun  5 10:10:36.197: vtsp_report_digit_control
      enable=0: digit reporting disabled
      Jun  5 10:10:36.197: : vtsp_get_digit_timeouts
Jun  5 10:10:36.197: vtsp_save_dialpeer_tag: tag = 4001
      Jun  5 10:10:36.197: vtsp:[1/1:0:27, S_DIGIT_COLLECT,
      [E_CC_PROCEEDING
      Jun  5 10:10:36.197: act_dcollect_proc
Jun  5 10:10:36.205: vtsp_get_dialpeer_tag: tag = 4001
Jun  5 10:10:36.890: vtsp_get_dialpeer_tag: tag = 4001
      Jun  5 10:10:36.890: vtsp:[1/1:0:27, S_PROCEEDING,
      [E_CC_PROGRESS
      Jun  5 10:10:36.890: act_progress
      Jun  5 10:10:36.890: vtsp_timer_stop: 43525832
Jun  5 10:10:36.890: vtsp:[1/1:0:27, S_PROCEEDING,
      [E_CC_BRIDGE
      Jun  5 10:10:36.890: act_bridge
Jun  5 10:10:36.890: vtsp:[1/1:0:27, S_PROCEEDING,
```

```
[E_CC_CAPS_IND
Jun 5 10:10:36.890: act_caps_ind
Jun 5 10:10:36.890: act_caps_ind: passthrough:
, cap_modem_proto 0
cap_modem_codec 0, cap_modem_redundancy 0, payload 0
Jun 5 10:10:36.890: act_caps_ind:CC_CAP_ENCAP_FRF11
, Encap 2, Vad 2
Codec 0x4, CodecBytes 30, FaxRate 2, FaxBytes 30,
FaxNsf 0xAD0051
Sub-channel 8, Bitmask 0x0 SignalType 2, SeqNumStart
0x0
Jun 5 10:10:36.890: act_caps_ind: [ mode:0,init:60,
[ min:40, max:200
Jun 5 10:10:36.890: vtsp:[1/1:0:27, S_PROCEEDING,
[E_CC_CAPS_ACK
Jun 5 10:10:36.890: act_caps_ack
Jun 5 10:10:36.894: act_caps_ack: passthrough:
, cap_modem_proto 0
cap_modem_codec 0, cap_modem_redundancy 0, payload 0
Jun 5 10:10:36.894: dsp_idle_mode: [1/1:0:27]
packet_len=8
channel_id=2 packet_id=68
Jun 5 10:10:36.894: act_caps_ack: codec = 16, ret = 2
Jun 5 10:10:36.894: vtsp_timer: 43525833
Jun 5 10:10:36.894: vtsp:[1/1:0:27, S_NULL,
[E_DSPRM_PEND_SUCCESS
Jun 5 10:10:36.894: act_pend_codec_success
Jun 5 10:10:36.894: vtsp_timer_stop: 43525833
Jun 5 10:10:36.894: vtsp_open_voice_and_set_params
Jun 5 10:10:36.894: dsp_close_voice_channel: [1/1:0:27]
packet_len=8
channel_id=2 packet_id=75
Jun 5 10:10:36.894: dsp_open_voice_channel_20:
[1/1:0:27] packet_len=16
channel_id=2 packet_id=74 alaw_ulaw_select=0
associated_signaling_channel=129 time_slot=1
serial_port=0
Jun 5 10:10:36.894: dsp_encap_config: [1/1:0:27]
packet_len=18
channel_id=2 packet_id=92 TransportProtocol 3
SID_support=0
sequence_number=0 rotate_flag=0 header_bytes 0x80
Jun 5 10:10:36.894: dsp_set_playout_delay
Jun 5 10:10:36.894: dsp_set_playout: [1/1:0:27]
packet_len=18
channel_id=2 packet_id=76 mode=1 initial=60 min=40
max=200 fax_nom=300
dsp_set_playout_delay_config
Jun 5 10:10:36.894: dsp_set_playout_config
Jun 5 10:10:36.894: mode 0, init 60, min 40, max 200
playout default
Jun 5 10:10:36.894: dsp_set_playout_config:mode 0, init
60, min 40, max 200
Jun 5 10:10:36.894: dsp_set_playout_config: [1/1:0:27]
packet_len=18
channel_id=2 packet_id=76 mode=1 initial=60 min=40
max=200 fax_nom=300
Jun 5 10:10:36.894: dsp_echo_canceler_control:
echo_cancel: 1
Jun 5 10:10:36.894: dsp_echo_canceler_control:
, [1/1:0:27] echo_cancel 1
disable_hpf 0, flags=0x0
Jun 5 10:10:36.898: dsp_echo_canceler_control:
[1/1:0:27] packet_len=10
```



```
channel_id=2 packet_id=66 flags=0x0
Jun 5 10:10:36.898: sgf: FXx/E&M: msg-
>message.set_codec_gains.out_gain=0
Jun 5 10:10:36.898: dsp_set_gains: [1/1:0:27]
packet_len=12
channel_id=2 packet_id=91 in_gain=0 out_gain=0
Jun 5 10:10:36.898: dsp_vad_enable: [1/1:0:27] enable:
packet_len=12
channel_id=2 packet_id=78 thresh=-38
Jun 5 10:10:36.898: dsp_voice_mode: [1/1:0:27] cdb
,821D9344
cdb->codec_params.modem 0, inband_detect flags 0x1
Jun 5 10:10:36.898: map_dtmf_relay_type--digit relay
mode: 2
Jun 5 10:10:36.898: dsp_voice_mode: [1/1:0:27]
packet_len=24
channel_id=2 packet_id=73 coding_type=19
voice_field_size=30
VAD_flag=250 echo_length=64 comfort_noise=1
inband_detect=1
digit_relay_mode=2 AGC_flag=0
Jun 5 10:10:43.024: vtsp_get_dialpeer_tag: tag = 4001
Jun 5 10:10:43.024: vtsp:[1/1:0:27, S_PROCEEDING,
[E_CC_CONNECT
Jun 5 10:10:43.024: act_connect
Jun 5 10:10:43.024: vtsp_ring_noan_timer_stop: 43526446

Jun 5 10:10:48.710: vtsp:[1/1:0:27, S_CONNECT,
[E_PH_CODEC_FAX
Jun 5 10:10:48.710: act_rfax_switch
Jun 5 10:10:48.710: dsp_idle_mode: [1/1:0:27]
packet_len=8
channel_id=2 packet_id=68
Jun 5 10:10:48.710: vtsp_timer_stop: 43527014
Jun 5 10:10:48.910: vtsp:[1/1:0:27, S_RFAX_DOWNLOAD,
[E_DSPRM_PEND_SUCCESS
Jun 5 10:10:48.910: act_rfax_mode
Jun 5 10:10:48.910: vtsp:[1/1:0:27, S_RFAX_WAIT_ACK,
[E_PH_CODEC_ACK
Jun 5 10:10:48.910: act_wait_ack_ack
Jun 5 10:10:48.910: vtsp_timer_stop: 43527034
Jun 5 10:10:48.914: dsp_fax_mode: [1/1:0:27] FaxRate
0x2, Codec 0x4
dsp_fax_mode() ECM_DISABLE not set, debug_info not
requested
Jun 5 10:10:48.914: dsp_fax_mode: [1/1:0:27]
packet_len=28
channel_id=2 packet_id=69 max_trans=3 info_size=30,
, fax_protocol_type=2
hs_data_len=0, ls_data_red=0, hs_data_red=0,
, tcf_handling=0
fax_relay_cntl=0x0 nsf_country = 0xAD, nsf_mfg = 0x0051
fax codecs: enum { !--- DSP_TELELOGY_FAX = 1, !--- ---!
DSP_FRF11_FAX, !--- DSP_T38_FAX vdtl-2600-2d# vdtl-2600-
2d# vdtl-2600-2d# Jun 5 10:11:21.516:
vtsp_process_dsp_message: MSG_TX_FAX_CLEARDOWN: Jun 5
10:11:21.516: vtsp:[1/1:0:27, S_FAX,
E_DSP_FAX_CLEARDOWN] Jun 5 10:11:21.516:
act_fax_to_voice Jun 5 10:11:21.516: vtsp_timer_stop:
43530295 Jun 5 10:11:21.520: dsp_idle_mode: [1/1:0:27]
packet_len=8 channel_id=2 packet_id=68 Jun 5
10:11:21.520: dsp_close_voice_channel: [1/1:0:27]
packet_len=8 channel_id=2 packet_id=75act_fax_to_voice
codec= 16 Jun 5 10:11:21.520: vtsp_timer: 43530295 Jun 5
```

```
10:11:21.520: vtsp:[1/1:0:27, S_FAX_TERM,
E_DSPRM_PEND_SUCCESS] Jun 5 10:11:21.520:
vtsp_timer_stop: 43530295 Jun 5 10:11:21.520:
act_fax_complete Jun 5 10:11:21.520:
vtsp_open_voice_and_set_params Jun 5 10:11:21.520:
dsp_close_voice_channel: [1/1:0:27] packet_len=8
channel_id=2 packet_id=75 Jun 5 10:11:21.520:
dsp_open_voice_channel_20: [1/1:0:27] packet_len=16
channel_id=2 packet_id=74 alaw_ulaw_select=0
associated_signaling_channel=129 time_slot=1
serial_port=0 Jun 5 10:11:21.520: dsp_encap_config:
[1/1:0:27] packet_len=18 channel_id=2 packet_id=92
TransportProtocol 3 SID_support=0 sequence_number=0
rotate_flag=0 header_bytes 0x80 Jun 5 10:11:21.520:
dsp_set_playout_delay Jun 5 10:11:21.520:
dsp_set_playout: [1/1:0:27] packet_len=18 channel_id=2
packet_id=76 mode=1 initial=60 min=40 max=200
fax_nom=300 dsp_set_playout_delay_config Jun 5
10:11:21.520: dsp_set_playout_config Jun 5 10:11:21.520:
mode 0, init 60, min 40, max 200 playout default Jun 5
10:11:21.520: dsp_set_playout_config:mode 0, init 60,
min 40, max 200 Jun 5 10:11:21.520:
dsp_set_playout_config: [1/1:0:27] packet_len=18
channel_id=2 packet_id=76 mode=1 initial=60 min=40
max=200 fax_nom=300 Jun 5 10:11:21.520:
dsp_echo_canceler_control: echo_cancel: 1 Jun 5
10:11:21.520: dsp_echo_canceler_control: [1/1:0:27]
echo_cancel 1, disable_hpf 0, flags=0x0 Jun 5
10:11:21.525: dsp_echo_canceler_control: [1/1:0:27]
packet_len=10 channel_id=2 packet_id=66 flags=0x0 Jun 5
10:11:21.525: sgf: FXx/E&M: msg-
>message.set_codec_gains.out_gain=0 Jun 5 10:11:21.525:
dsp_set_gains: [1/1:0:27] packet_len=12 channel_id=2
packet_id=91 in_gain=0 out_gain=0 Jun 5 10:11:21.525:
dsp_vad_enable: [1/1:0:27] enable: packet_len=12
channel_id=2 packet_id=78 thresh=-38 Jun 5 10:11:21.525:
dsp_voice_mode: [1/1:0:27] cdb 821D9344, cdb-
>codec_params.modem 0, inband_detect flags 0x1 Jun 5
10:11:21.525: map_dtmf_relay_type--digit relay mode: 2
Jun 5 10:11:21.525: dsp_voice_mode: [1/1:0:27]
packet_len=24 channel_id=2 packet_id=73 coding_type=19
voice_field_size=30 VAD_flag=250 echo_length=64
comfort_noise=1 inband_detect=1 digit_relay_mode=2
AGC_flag=0 Jun 5 10:11:24.033: vtsp:[1/1:0:27,
S_CONNECT, E_TSP_DISCONNECT_IND] Jun 5 10:11:24.033:
act_generate_disc Jun 5 10:11:24.033:
vtsp_ring_noan_timer_stop: 43530546 Jun 5 10:11:24.033:
vtsp_timer_stop: 43530546 Jun 5 10:11:24.033:
vtsp_pcm_tone_detect_timer_stop: 43530546 Jun 5
10:11:24.033: vtsp_pcm_switchover_timer_stop: 43530546
Jun 5 10:11:24.033: vtsp:[1/1:0:27, S_CONNECT,
E_CC_BRIDGE_DROP] Jun 5 10:11:24.033: act_bdrops Jun 5
10:11:24.033: vtsp:[1/1:0:27, S_CONNECT,
E_CC_DISCONNECT] Jun 5 10:11:24.033: act_disconnect Jun
5 10:11:24.033: vtsp_ring_noan_timer_stop: 43530546 Jun
5 10:11:24.033: vtsp_pcm_tone_detect_timer_stop:
43530546 Jun 5 10:11:24.033:
vtsp_pcm_switchover_timer_stop: 43530546 Jun 5
10:11:24.033: vtsp_cot_timer_stop: 43530546 Jun 5
10:11:24.033: vtsp_timer_stop: 43530546 Jun 5
10:11:24.033: vtsp_timer: 43530546 Jun 5 10:11:24.037:
vtsp:[1/1:0:27, S_WAIT_STATS, E_DSP_GET_ERROR] Jun 5
10:11:24.037: act_get_error Jun 5 10:11:24.037:
1/1:0:27: rx_dropped=0 tx_dropped=0 rx_control=51
```

```

tx_control=14 tx_control_dropped=0 dsp_mode_channel_1=0
dsp_mode_channel_2=2 c[0]=68 c[1]=3 c[2]=10 c[3]=69
c[4]=68 c[5]=75 c[6]=75 c[7]=74 c[8]=92 c[9]=76 c[10]=76
c[11]=66 c[12]=91 c[13]=78 c[14]=73 c[15]=6 Jun 5
10:11:24.037: dsp_get_levels: [1/1:0:27] packet_len=8
channel_id=2 packet_id=89 Jun 5 10:11:24.041:
vtsp:[1/1:0:27, S_WAIT_STATS, E_DSP_GET_LEVELS] Jun 5
10:11:24.041: act_get_levels Jun 5 10:11:24.045:
vtsp_process_dsp_message: MSG_TX_GET_TX_STAT:
rtp_timestamp=0xFD908919 Jun 5 10:11:24.045:
vtsp:[1/1:0:27, S_WAIT_STATS, E_DSP_GET_TX] Jun 5
10:11:24.049: act_stats_complete Jun 5 10:11:24.049:
vtsp_timer_stop: 43530548 Jun 5 10:11:24.049:
vtsp_ring_noan_timer_stop: 43530548 Jun 5 10:11:24.049:
dsp_idle_mode: [1/1:0:27] packet_len=8 channel_id=2
packet_id=68 Jun 5 10:11:24.049: vtsp_timer: 43530548
Jun 5 10:11:24.850: vtsp:[1/1:0:27, S_WAIT_RELEASE,
E_TSP_CALL_FEATURE_IND] Jun 5 10:11:24.850:
act_call_feature_ind Jun 5 10:11:24.850: vtsp:[1/1:0:27,
S_WAIT_RELEASE, E_TSP_DISCONNECT_CONF] Jun 5
10:11:24.850: act_wrelease_release Jun 5 10:11:24.850:
vtsp_timer_stop: 43530628 Jun 5 10:11:24.854:
dsp_cp_tone_off: [1/1:0:27] packet_len=8 channel_id=2
packet_id=71 Jun 5 10:11:24.854: dsp_idle_mode:
[1/1:0:27] packet_len=8 channel_id=2 packet_id=68 Jun 5
10:11:24.854: dsp_close_voice_channel: [1/1:0:27]
packet_len=8 channel_id=2
packet_id=75vtsp_do_call_historyvtsp_do_call_history
CoderRate 20 Jun 5 10:11:24.854: vtsp:[1/1:0:27,
S_CLOSE_DSPRM, E_DSPRM_CLOSE_COMPLETE] Jun 5
10:11:24.854: act_terminate Jun 5 10:11:24.854:
#vtsp_free_cdb,cdb 0x821D9344 vdtl-2600-2d

```

[موجه منهي](#)

debug vtsp all - إنهاء الموجه

```

#vdtl-7200-2c
Jun 5 10:10:36.200: vtsp_do_call_setup_req
Jun 5 10:10:36.200: vtsp_allocate_cdb,cdb 0x620F01FC
Jun 5 10:10:36.200: vtsp_insert_cdb,cdb 0x620F01FC
Jun 5 10:10:36.200: vtsp_do_call_setup_req calling oct3
0x0, called oct3 0x0
Jun 5 10:10:36.200: vtsp_do_call_setup_req: Call ID=55,
guid=62F8AC6C
Jun 5 10:10:36.200: digit_strip:1, pcn:4001, poa:4001
:Jun 5 10:10:36.200: pcn:, poa
:Jun 5 10:10:36.200: Final pcn:, poa:, dial_string
Jun 5 10:10:36.200: calling oct3 0x0, called oct3 0x0
Jun 5 10:10:36.200: vtsp:[2/1:0 (39), S_SETUP_REQUEST,
[E_TSP_PROCEEDING
Jun 5 10:10:36.200: act_setup_pend_proceeding
Jun 5 10:10:36.200: vtsp_open_voice_and_set_params
Jun 5 10:10:36.200: dsp_close_voice_channel: [2/1:0
(39)] packet_len=8
channel_id=1 packet_id=75
Jun 5 10:10:36.200: dsp_open_voice_channel_20: [2/1:0
(39)] packet_len=16
channel_id=1 packet_id=74 alaw_ulaw_select=0
associated_signaling_channel=128 time_slot=0
serial_port=0

```

```
Jun  5 10:10:36.200: vtsp_modem_proto_from_cdb:
                        cap_modem_proto 1073741824
Jun  5 10:10:36.204: vtsp_modem_proto_from_cdb:
                        cap_modem_proto 1073741824
Jun  5 10:10:36.204: dsp_encap_config: [2/1:0 (39)]
                        packet_len=30
                        channel_id=1 packet_id=92 TransportProtocol 2
                        t_ssrc=0x0 r_ssrc=0x0
                        t_vpxcc=0x0 r_vpxcc=0x0 sid_support=1,
                        ,tse_payload=65535, seq_num=0x0
                        redundancy=0
Jun  5 10:10:36.204: dsp_set_playout_delay
Jun  5 10:10:36.204: dsp_set_playout: [2/1:0 (39)]
                        packet_len=18
                        channel_id=1 packet_id=76 mode=1 initial=60 min=40
                        max=200 fax_nom=300
                        dsp_set_playout_delay_config
Jun  5 10:10:36.204: dsp_set_playout_config
Jun  5 10:10:36.204: mode 0, init 60, min 40, max 200
                        playout default

Jun  5 10:10:36.204: dsp_set_playout_config:mode 0, init
                        60, min 40, max 200
Jun  5 10:10:36.204: dsp_set_playout_config: [2/1:0
                        (39)] packet_len=18
                        channel_id=1 packet_id=76 mode=1 initial=60 min=40
                        max=200 fax_nom=300
Jun  5 10:10:36.204: dsp_echo_canceler_control:
                        echo_cancel: 1
Jun  5 10:10:36.204: dsp_echo_canceler_control: [2/1:0
                        ,(39)] echo_cancel 1
                        disable_hpf 0, flags=0x0
Jun  5 10:10:36.204: dsp_echo_canceler_control: [2/1:0
                        (39)] packet_len=10
                        channel_id=1 packet_id=66 flags=0x0
Jun  5 10:10:36.204: sgf: FXx/E&M: msg-
                        >message.set_codec_gains.out_gain=0
Jun  5 10:10:36.204: dsp_set_gains: [2/1:0 (39)]
                        packet_len=12
                        channel_id=1 packet_id=91 in_gain=0 out_gain=0
Jun  5 10:10:36.204: dsp_vad_enable: [2/1:0 (39)]
                        enable: packet_len=12
                        channel_id=1 packet_id=78 thresh=-38
Jun  5 10:10:36.888: vtsp:[2/1:0 (39), S_SETUP_REQ_PROC,
                        [E_TSP_PROGRESS
Jun  5 10:10:36.888: act_setup_pend_progress
Jun  5 10:10:36.888: vtsp:[2/1:0 (39), S_SETUP_REQ_PROC,
                        [E_CC_BRIDGE
Jun  5 10:10:36.888: act_bridge
Jun  5 10:10:36.888: vtsp:[2/1:0 (39), S_SETUP_REQ_PROC,
                        [E_CC_CAPS_IND
Jun  5 10:10:36.888: act_caps_ind
Jun  5 10:10:36.888: act_caps_ind: passthrough:
                        ,cap_modem_proto 0
                        cap_modem_codec 0, cap_modem_redundancy 0, payload 0
Jun  5 10:10:36.888: act_caps_ind:CC_CAP_ENCAP_FRF11
                        ,Encap 2, Vad 2
                        ,Codec 0x4, CodecBytes 30
                        FaxRate 2, FaxBytes 30, FaxNsf 0xAD0051
                        Sub-channel 8, Bitmask 0x0
                        SignalType 2, SeqNumStart 0x0
Jun  5 10:10:36.888: act_caps_ind: [ mode:0,init:60,
                        [min:40, max:200
```

```

Jun  5 10:10:36.888: vtsp:[2/1:0 (39), S_SETUP_REQ_PROC,
[E_CC_CAPS_ACK
Jun  5 10:10:36.888: act_caps_ack
Jun  5 10:10:36.888: act_caps_ack: passthrough:
, cap_modem_proto 0
cap_modem_codec 0, cap_modem_redundancy 0, payload 0
Jun  5 10:10:36.888: dsp_idle_mode: [2/1:0 (39)]
packet_len=8
channel_id=1 packet_id=68
Jun  5 10:10:36.888: act_caps_ack: codec = 16, ret = 2

Jun  5 10:10:36.888: vtsp_timer: 94714681
Jun  5 10:10:36.888: vtsp:[2/1:0 (39), S_NULL,
[E_DSPRM_PEND_SUCCESS
Jun  5 10:10:36.888: act_pend_codec_success
Jun  5 10:10:36.888: vtsp_timer_stop: 94714681
Jun  5 10:10:36.888: vtsp_open_voice_and_set_params
Jun  5 10:10:36.888: dsp_close_voice_channel: [2/1:0
(39)] packet_len=8
channel_id=1 packet_id=75
Jun  5 10:10:36.888: dsp_open_voice_channel_20: [2/1:0
(39)] packet_len=16
channel_id=1 packet_id=74 alaw_ulaw_select=0
associated_signaling_channel=128 time_slot=0
serial_port=0
Jun  5 10:10:36.888: dsp_encap_config: [2/1:0 (39)]
packet_len=18
channel_id=1 packet_id=92 TransportProtocol 3
SID_support=0
sequence_number=0 rotate_flag=0 header_bytes 0x80
Jun  5 10:10:36.888: dsp_set_playout_delay
Jun  5 10:10:36.888: dsp_set_playout: [2/1:0 (39)]
packet_len=18
channel_id=1 packet_id=76 mode=1 initial=60 min=40
max=200 fax_nom=300
dsp_set_playout_delay_config
Jun  5 10:10:36.888: dsp_set_playout_config
Jun  5 10:10:36.888: mode 0, init 60, min 40, max 200
playout default

Jun  5 10:10:36.888: dsp_set_playout_config:mode 0, init
60, min 40, max 200
Jun  5 10:10:36.888: dsp_set_playout_config: [2/1:0
(39)] packet_len=18
channel_id=1 packet_id=76 mode=1 initial=60 min=40
max=200 fax_nom=300
Jun  5 10:10:36.888: dsp_echo_canceler_control:
echo_cancel: 1
Jun  5 10:10:36.888: dsp_echo_canceler_control: [2/1:0
, (39)] echo_cancel 1
disable_hpf 0, flags=0x0
Jun  5 10:10:36.888: dsp_echo_canceler_control: [2/1:0
(39)] packet_len=10
channel_id=1 packet_id=66 flags=0x0
Jun  5 10:10:36.888: sgf: FXx/E&M: msg-
>message.set_codec_gains.out_gain=0
Jun  5 10:10:36.888: dsp_set_gains: [2/1:0 (39)]
packet_len=12 channel_id=1
packet_id=91 in_gain=0 out_gain=0
Jun  5 10:10:36.888: dsp_vad_enable: [2/1:0 (39)]
enable: packet_len=12
channel_id=1 packet_id=78 thresh=-38
Jun  5 10:10:36.888: dsp_voice_mode: [2/1:0 (39)] cdb
,620F01FC

```

```

cdb->codec_params.modem 0, inband_detect flags 0x1
Jun  5 10:10:36.888: map_dtmf_relay_type--digit relay
                        mode: 2
Jun  5 10:10:36.888: dsp_voice_mode: [2/1:0 (39)]
                        packet_len=24
                        channel_id=1 packet_id=73 coding_type=19
                        voice_field_size=30 VAD_flag=250
                        echo_length=64 comfort_noise=1
                        inband_detect=1 digit_relay_mode=2 AGC_flag=0
Jun  5 10:10:43.024: vtsp:[2/1:0 (39), S_SETUP_REQ_PROC,
                        [E_TSP_CONNECT
Jun  5 10:10:43.024: act_setup_pend_connect
Jun  5 10:10:43.024: vtsp_ring_noan_timer_stop: 94715294
Jun  5 10:10:43.024: dsp_cp_tone_off: [2/1:0 (39)]
                        packet_len=8
                        channel_id=1 packet_id=71

:Jun  5 10:10:48.492: vtsp_process_dsp_message
MSG_TX_TONE_DETECT: type=0 trigger=1 tone_id=0
Jun  5 10:10:48.492: vtsp:[2/1:0 (39), S_CONNECT,
                        [E_DSP_TONE_DETECT
Jun  5 10:10:48.492: vtsp_modem_proto_from_cdb:
                        cap_modem_proto 0
Jun  5 10:10:48.492: act_lfax_switch:
                        ,cap_modem_proto=16
                        fax_relay_on=1, state=19
sys/if/dsp_cntl_msgs.h * Definitions for the tone ---!
detect !--- */ !--- #define TONE_TYPE_V_21 0x0000 !---
#define TONE_TYPE_CED 0x0001 /* CED 2100Hz */ !---
#define TONE_TYPE_CNG 0x0002 /* CNG 1100Hz */ !---
#define TONE_SDT_DISC 0x0003 !--- #define TONE_TYPE_COT
0x0004 /* COT tone detected */ !--- #define
TONE_TYPE_MODEM 0x0005 /* Modem answer signal detected
*/ !--- #define SILENCE_DETECTED 0x0006 /* Silence
detection */ !--- #define VOICE_DETECTED 0x0007 /* Voice
detection */ !--- #define DUAL_TONE_DETECTED 0x0008 /*
configurable dual tone detection */ !--- #define
SEQ_TONE_DETECTED 0x0009 /* configurable seq tone
detection */ !--- #define TONE_DETECT_ON 0x0001 !---
#define TONE_DETECT_OFF ~TONE_DETECT_ Jun  5
10:10:48.492: vtsp_timer: 94715841 Jun  5 10:10:48.492:
vtsp:[2/1:0 (39), S_LFAX_WAIT_ACK, E_PH_CODEC_ACK] Jun  5
10:10:48.492: act_lfax_download Jun  5 10:10:48.492:
vtsp_timer_stop: 94715841 Jun  5 10:10:48.492:
dsp_idle_mode: [2/1:0 (39)] packet_len=8 channel_id=1
packet_id=68 Jun  5 10:10:48.492: vtsp:[2/1:0 (39),
S_LFAX_DOWNLOAD, E_DSPRM_PEND_SUCCESS] Jun  5
10:10:48.492: act_lfax_mode Jun  5 10:10:48.492:
vtsp:[2/1:0 (39), S_LFAX_WAIT_FAX, E_PH_CODEC_FAX] Jun  5
10:10:48.492: act_wait_fax_fax ph_set_codec_ack Jun  5
10:10:48.492: dsp_fax_mode: [2/1:0 (39)] FaxRate 0x2,
Codec 0x4 dsp_fax_mode() ECM_DISABLE not set, debug_info
not requested Jun  5 10:10:48.492: dsp_fax_mode: [2/1:0
(39)] packet_len=28 channel_id=1 packet_id=69
max_trans=3 info_size=30, fax_protocol_type=2,
hs_data_len=0, ls_data_red=0, hs_data_red=0,
tcf_handling=0, fax_relay_cntl=0x0 nsf_country = 0xAD,
nsf_mfg = 0x0051 vdt1-7200-2c# vdt1-7200-2c# vdt1-7200-
2c# Jun  5 10:11:21.736: vtsp_process_dsp_message:
MSG_TX_FAX_CLEARDOWN: Jun  5 10:11:21.740: vtsp:[2/1:0
(39), S_FAX, E_DSP_FAX_CLEARDOWN] Jun  5 10:11:21.740:
act_fax_to_voice Jun  5 10:11:21.740: vtsp_timer_stop:
94719166 Jun  5 10:11:21.740: dsp_idle_mode: [2/1:0 (39)]
packet_len=8 channel_id=1 packet_id=68 Jun  5

```

```
10:11:21.740: dsp_close_voice_channel: [2/1:0 (39)]
packet_len=8 channel_id=1 packet_id=75act_fax_to_voice
codec= 16 Jun 5 10:11:21.740: vtsp_timer: 94719166 Jun 5
10:11:21.740: vtsp:[2/1:0 (39), S_FAX_TERM,
E_DSPRM_PEND_SUCCESS] Jun 5 10:11:21.740:
vtsp_timer_stop: 94719166 Jun 5 10:11:21.740:
act_fax_complete Jun 5 10:11:21.740:
vtsp_open_voice_and_set_params Jun 5 10:11:21.740:
dsp_close_voice_channel: [2/1:0 (39)] packet_len=8
channel_id=1 packet_id=75 Jun 5 10:11:21.740:
dsp_open_voice_channel_20: [2/1:0 (39)] packet_len=16
channel_id=1 packet_id=74 alaw_ulaw_select=0
associated_signaling_channel=128 time_slot=0
serial_port=0 Jun 5 10:11:21.740: dsp_encap_config:
[2/1:0 (39)] packet_len=18 channel_id=1 packet_id=92
TransportProtocol 3 SID_support=0 sequence_number=0
rotate_flag=0 header_bytes 0x80 Jun 5 10:11:21.740:
dsp_set_playout_delay Jun 5 10:11:21.740:
dsp_set_playout: [2/1:0 (39)] packet_len=18 channel_id=1
packet_id=76 mode=1 initial=60 min=40 max=200
fax_nom=300 dsp_set_playout_delay_config Jun 5
10:11:21.740: dsp_set_playout_config Jun 5 10:11:21.740:
mode 0, init 60, min 40, max 200 playout default Jun 5
10:11:21.740: dsp_set_playout_config:mode 0, init 60,
min 40, max 200 Jun 5 10:11:21.740:
dsp_set_playout_config: [2/1:0 (39)] packet_len=18
channel_id=1 packet_id=76 mode=1 initial=60 min=40
max=200 fax_nom=300 Jun 5 10:11:21.740:
dsp_echo_canceler_control: echo_cancel: 1 Jun 5
10:11:21.740: dsp_echo_canceler_control: [2/1:0 (39)]
echo_cancel 1, disable_hpf 0, flags=0x0 Jun 5
10:11:21.740: dsp_echo_canceler_control: [2/1:0 (39)]
packet_len=10 channel_id=1 packet_id=66 flags=0x0 Jun 5
10:11:21.740: sgf: FXx/E&M: msg-
>message.set_codec_gains.out_gain=0 Jun 5 10:11:21.740:
dsp_set_gains: [2/1:0 (39)] packet_len=12 channel_id=1
packet_id=91 in_gain=0 out_gain=0 Jun 5 10:11:21.740:
dsp_vad_enable: [2/1:0 (39)] enable: packet_len=12
channel_id=1 packet_id=78 thresh=-38 Jun 5 10:11:21.740:
dsp_voice_mode: [2/1:0 (39)] cdb 620F01FC, cdb-
>codec_params.modem 0, inband_detect flags 0x1 Jun 5
10:11:21.740: map_dtmf_relay_type--digit relay mode: 2
Jun 5 10:11:21.740: dsp_voice_mode: [2/1:0 (39)]
packet_len=24 channel_id=1 packet_id=73 coding_type=19
voice_field_size=30 VAD_flag=250 echo_length=64
comfort_noise=1 inband_detect=1 digit_relay_mode=2
AGC_flag=0 Jun 5 10:11:24.036: vtsp:[2/1:0 (39),
S_CONNECT, E_CC_BRIDGE_DROP] Jun 5 10:11:24.036:
act_bdrop Jun 5 10:11:24.036: vtsp:[2/1:0 (39),
S_CONNECT, E_CC_DISCONNECT] Jun 5 10:11:24.036:
act_disconnect Jun 5 10:11:24.036:
vtsp_ring_noan_timer_stop: 94719396 Jun 5 10:11:24.036:
vtsp_pcm_tone_detect_timer_stop: 94719396 Jun 5
10:11:24.036: vtsp_pcm_switchover_timer_stop: 94719396
Jun 5 10:11:24.036: vtsp_cot_timer_stop: 94719396 Jun 5
10:11:24.036: vtsp_timer_stop: 94719396 Jun 5
10:11:24.036: vtsp_timer: 94719396 Jun 5 10:11:24.036:
vtsp:[2/1:0 (39), S_WAIT_STATS, E_DSP_GET_ERROR] Jun 5
10:11:24.036: act_get_error Jun 5 10:11:24.036: 2/1:0
(39): rx_dropped=1 tx_dropped=0 rx_control=39
tx_control=5 tx_control_dropped=0 dsp_mode_channel_1=2
dsp_mode_channel_2=0 c[0]=0 c[1]=0 c[2]=73 c[3]=71
c[4]=68 c[5]=69 c[6]=68 c[7]=75 c[8]=75 c[9]=74 c[10]=92
c[11]=76 c[12]=76 c[13]=66 c[14]=91 c[15]=78 Jun 5
```

```
10:11:24.036: dsp_get_levels: [2/1:0 (39)] packet_len=8
channel_id=1 packet_id=89 Jun 5 10:11:24.036:
vtsp:[2/1:0 (39), S_WAIT_STATS, E_DSP_GET_LEVELS] Jun 5
10:11:24.036: act_get_levels Jun 5 10:11:24.040:
vtsp_process_dsp_message: MSG_TX_GET_TX_STAT:
rtp_timestamp=0x94D00079 Jun 5 10:11:24.040: vtsp:[2/1:0
(39), S_WAIT_STATS, E_DSP_GET_TX] Jun 5 10:11:24.040:
act_stats_complete Jun 5 10:11:24.040: vtsp_timer_stop:
94719396 Jun 5 10:11:24.040: vtsp_ring_noan_timer_stop:
94719396 Jun 5 10:11:24.040: dsp_idle_mode: [2/1:0 (39)]
packet_len=8 channel_id=1 packet_id=68 Jun 5
10:11:24.040: vtsp_timer: 94719396 Jun 5 10:11:24.840:
vtsp:[2/1:0 (39), S_WAIT_RELEASE,
E_TSP_CALL_FEATURE_IND] Jun 5 10:11:24.840:
act_call_feature_ind Jun 5 10:11:24.840: vtsp:[2/1:0
(39), S_WAIT_RELEASE, E_TSP_DISCONNECT_CONF] Jun 5
10:11:24.840: act_wrelease_release Jun 5 10:11:24.840:
vtsp_timer_stop: 94719476 Jun 5 10:11:24.840:
dsp_cp_tone_off: [2/1:0 (39)] packet_len=8 channel_id=1
packet_id=71 Jun 5 10:11:24.840: dsp_idle_mode: [2/1:0
(39)] packet_len=8 channel_id=1 packet_id=68 Jun 5
10:11:24.840: dsp_close_voice_channel: [2/1:0 (39)]
packet_len=8 channel_id=1
packet_id=75vtsp_do_call_historyvtsp_do_call_history
CoderRate 20 Jun 5 10:11:24.840: vtsp:[2/1:0 (39),
S_CLOSE_DSPRM, E_DSPRM_CLOSE_COMPLETE] Jun 5
10:11:24.840: act_terminate Jun 5 10:11:24.840:
vtsp_free_cdb,cdb 0x620F01FC
```

معلومات ذات صلة

- الصوت - تكوين ترحيل الفاكس باستخدام T.38 (VoIP)
- دعم تقنية الصوت
- دعم منتجات الاتصالات الصوتية والاتصالات الموحدة
- استكشاف أخطاء خدمة IP الهاتفية من Cisco وإصلاحها
- الدعم الفني - Cisco Systems

ةمچرتل هذه لوج

ةللأل تاي نقتل نمة ومة م ادخت ساب دن تسمل اذة Cisco ت مچرت
ملاعلاء انء مچ م ن م دخت سمل معد و ت م م دقت ل م شرب ل و
امك ة قق د نوك ت نل ةللأل مچرت ل ضف أن ة ظحال م مچر م. ة صا ل م م ت غ ل ب
Cisco مچرت م م دقت م ت ل ة م فارت حال ة مچرت ل م لاعل و
ل مءاد وچر ل اب م صؤت و ت مچرت ل هذه ة قق د ن م مء ل وئ س م
Systems (رفو ت م ط بار ل) م ل صأل م مچر ل ن ل دن تسمل