

穿过CUBE和Cisco网守的H.323视频呼叫流

目录

[简介](#)

[先决条件](#)

[要求](#)

[使用的组件](#)

[规则](#)

[配置](#)

[网络图](#)

[配置](#)

[验证](#)

[网关](#)

[多维数据集](#)

[故障排除](#)

[debug 命令](#)

[呼叫流示例](#)

[调试输出](#)

[相关信息](#)

简介

本文目标将为H.323在Cisco Unified Border Element (多维数据集)和Cisco网守间的视频呼叫提供配置和故障排除信息。

网络拓扑详细信息：

有两个站点：

- Site-1使用Cisco Unified Communications管理器。
- Site-2使用Cisco Unified Communications管理器Express (CME)。

每个站点有在同一个设备和网守代管的一多维数据集。在Site-1的网守配置作为Site-2的一个远程关守和反过来也是一样地。站点之间呼叫通过在每个站点(直通业务模式)路由查找的多维数据集。Cisco Unified Communications管理器和多维数据集在站点1使用tech-前缀#2。CME和多维数据集在站点2使用tech-前缀#3。

用户使用做音频/视频呼叫的VT Advantage摄像头和IP电话。

先决条件

要求

本文档没有任何特定的要求。

使用的组件

本文档中的信息基于以下软件和硬件版本：

- Cisco Unified CallManager — 6.1.1.3000-2
- 多维数据集和网守— Cisco IOS软件版本12.4(15)T6
- Cisco CallManager Express — Cisco IOS软件版本12.4(15)T6

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](#)。

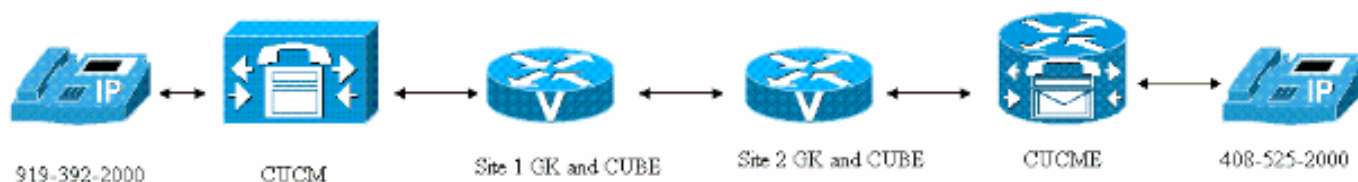
配置

本部分提供有关如何配置本文档所述功能的信息。

注意：有关本文档所用命令的详细信息，请使用[命令查找工具](#)（[仅限注册用户](#)）。

网络图

本文档使用以下网络设置：



配置

本文档使用以下配置：

- 多维数据集和网守配置在Site-1
- 多维数据集和网守配置在Site-2
- CME配置
- Cisco Unified Communications管理器配置

多维数据集和网守配置在Site-1

```
!---Enable H.323 - H.323 call connections voice service
voip allow-connections h323 to h323 !--- Configure the
CUBE to register with the local Gatekeeper zone CCM-CUBE
!--- using tech-prefix 2# and CUBE-1 as the H323 ID
interface FastEthernet0/0 ip address 14.50.201.17
255.255.255.0 h323-gateway voip interface h323-gateway
voip id CCM-CUBE ipaddr 14.50.201.17 1719 h323-gateway
```

```
voip h323-id CUBE-1 h323-gateway voip tech-prefix 2#
h323-gateway voip bind srcaddr 14.50.201.17 ! !---
Configure dial-peers to route calls with called numbers
prefixed !--- with 2# and 3# dial-peer voice 919 voip
destination-pattern 2#T session target ras incoming
called-number . dtmf-relay h245-alphanumeric codec
g711ulaw no vad ! dial-peer voice 408 voip destination-
pattern 3#T session target ras dtmf-relay h245-
alphanumeric codec g711ulaw no vad !--- Configure local
zones CCM, CCM-CUBE and remote zone CME-CUBE !---
Configure a zone prefix to route 919* calls to CCM Zone
!--- Configure a hop-off prefix to route calls beginning
with 3# to remote zone CME-CUBE !--- Configure invia and
outvia parameters such that calls coming in / going out
CCM !--- zone are sent via the IP-IP Gateway registered
in CCM-CUBE zone !--- Configure invia and outvia
parameters such that calls coming in / going out of !---
remote CME-CUBE zone are sent via the IP-IP Gateway
registered in CCM-CUBE zone gatekeeper zone local CCM
cisco.com 14.50.201.17 invia CCM-CUBE outvia CCM-CUBE
zone local CCM-CUBE cisco.com zone remote CME-CUBE
cisco.com 14.1.123.95 1719 invia CCM-CUBE outvia CCM-
CUBE zone prefix CCM 919..... gw-type-prefix 3#*
hopoff CME-CUBE no shutdown !--- Enable H.323 VoIP
Gateway gateway
```

多维数据集和网守配置在Site-2

```
!---Enable H.323 - H.323 call connections voice service
voip allow-connections h323 to h323 !--- Configure the
CUBE to register with the local Gatekeeper zone CME-CUBE
!--- using tech-prefix 3# and CUBE-2 as the H323 ID
interface FastEthernet0/0 ip address 14.1.123.95
255.255.255.0 h323-gateway voip interface h323-gateway
voip id CME-CUBE ipaddr 14.1.123.95 1719 h323-gateway
voip h323-id CUBE-2 h323-gateway voip tech-prefix 3#
h323-gateway voip bind srcaddr 14.1.123.95 ! !---
Configure dial-peers to route calls with called numbers
prefixed with 2# and 3# !--- using the Gatekeeper dial-
peer voice 919 voip destination-pattern 2#T session
target ras incoming called-number . dtmf-relay h245-
alphanumeric codec g711ulaw no vad ! dial-peer voice 408
voip destination-pattern 3#T session target ras dtmf-
relay h245-alphanumeric codec g711ulaw no vad !---
Configure local zones CME, CME-CUBE and remote zone CCM-
CUBE !--- Configure a zone prefix to route 408* calls to
CME Zone !--- Configure a hop-off prefix to route calls
beginning with 2# to remote zone CCM-CUBE !--- Configure
invia and outvia parameters such that calls coming in /
going out !--- of CME zone are sent through the IP-IP
Gateway registered in CME-CUBE zone. !--- Configure
invia and outvia parameters such that calls coming in /
going out !--- of remote CCM-CUBE zone are sent via the
IP-IP Gateway registered in CME-CUBE zone gatekeeper
zone local CME cisco.com 14.1.123.95 invia CME-CUBE
outvia CME-CUBE zone local CME-CUBE cisco.com zone
remote CCM-CUBE cisco.com 14.50.201.17 1719 invia CME-
CUBE outvia CME-CUBE zone prefix CME 4085252... gw-type-
prefix 2#* hopoff CCM-CUBE no shutdown ! !---Enable
H.323 VoIP Gateway gateway
```

CME配置

```
!--- Configure the CME to register with the Gatekeeper
```

```

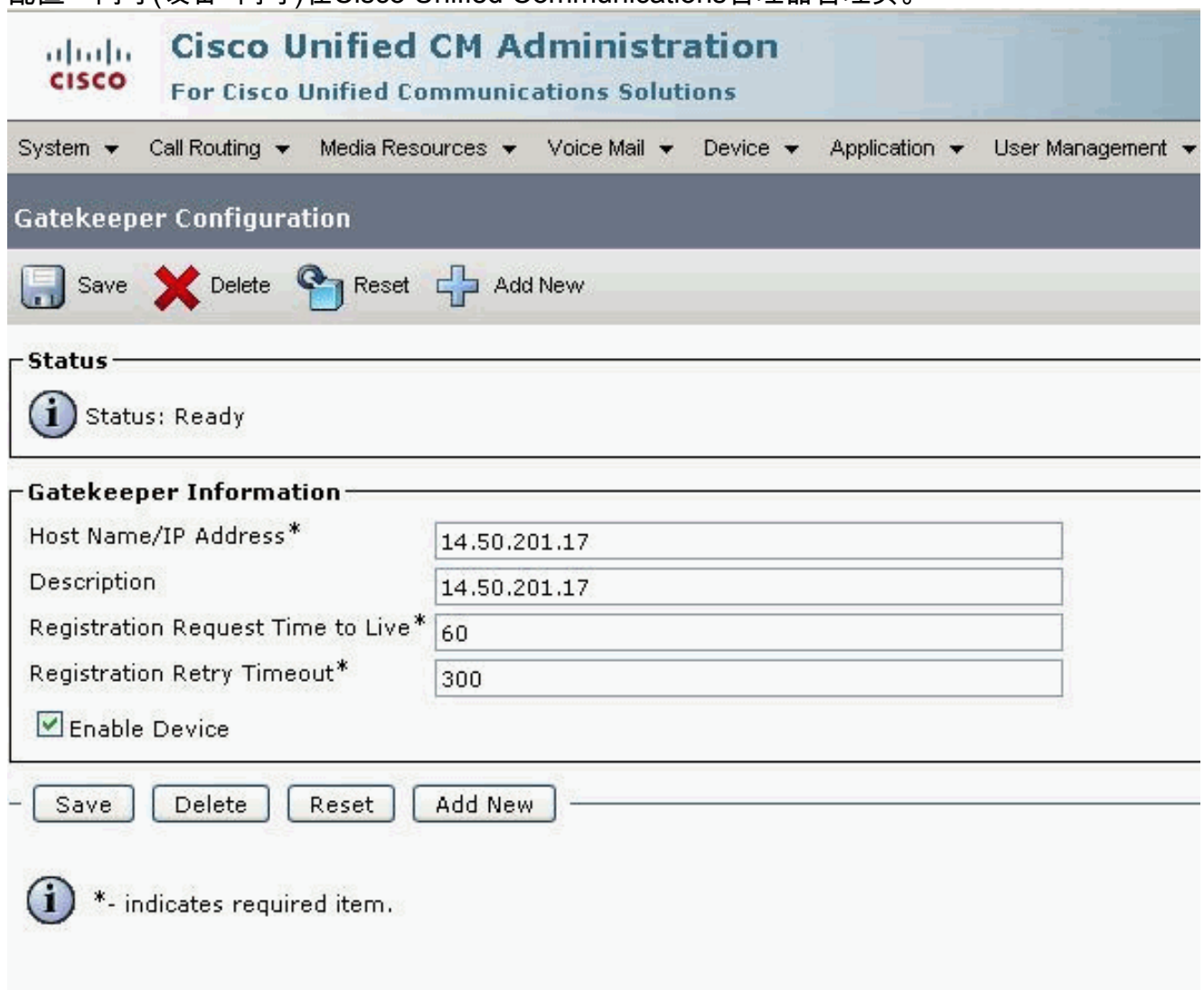
zone CME !--- using tech-prefix 3# and CME-1 as the H323
ID interface GigabitEthernet0/0 ip address 14.1.103.74
255.255.255.0 h323-gateway voip interface h323-gateway
voip id CME ipaddr 14.1.123.95 1719 h323-gateway voip
h323-id CME-1 h323-gateway voip tech-prefix 3# h323-
gateway voip bind srcaddr 14.1.103.74 !--- Configure
inbound dial-peer with a translation profile to strip 3#
!--- in the called-number of incoming calls received by
CME ! voice translation-rule 1 rule 1 /^3#\(.*$\)/ /\1/
! ! voice translation-profile 1 translate called 1 !
dial-peer voice 3 voip translation-profile incoming 1
incoming called-number 3#. dtmf-relay h245-alphanumeric
codec g711ulaw no vad ! !--- Configure outbound dial-
peer to route calls to 919* via the Gatekeeper. !---
Note that 2# is prefixed to the called number using the
tech-prefix command dial-peer voice 919 voip
destination-pattern 9193922000 session target ras tech-
prefix 2# codec g711ulaw dtmf-relay h245-alphanumeric no
vad !--- Enable H.323 VoIP Gateway gateway

```

Cisco Unified Communications 管理器配置

完成这些步骤：

1. 配置一网守(设备>网守)在Cisco Unified Communications 管理器管理页。



Cisco Unified CM Administration
For Cisco Unified Communications Solutions

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾

Gatekeeper Configuration

Save Delete Reset Add New

Status

Status: Ready

Gatekeeper Information

Host Name/IP Address*	14.50.201.17
Description	14.50.201.17
Registration Request Time to Live*	60
Registration Retry Timeout*	300


Enable Device

Save Delete Reset Add New

*- indicates required item.

2. 配置—H.225 Gatekeeper Controlled中继(设备→中继)在与网守名称、终端类型、技术前缀和

区域参数的Cisco Unified Communications Manager管理页面。







Cisco Unified CM Administration


For Cisco Unified Communications Solutions

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾

Trunk Configuration

 Save  Delete  Reset  Add New

Status


 Status: Ready

Device Information

Product:	H.225 Trunk (Gatekeeper Controlled)
Device Protocol:	H.225
Device Name *	<input type="text" value="CCM-GK-Trunk"/>
Description	<input type="text"/>
Device Pool *	<input type="text" value="Default"/>
Common Device Configuration	<input type="text" value="< None >"/>
Call Classification *	<input type="text" value="Use System Default"/>
Media Resource Group List	<input type="text" value="< None >"/>
Location *	<input type="text" value="Hub_None"/>
AAR Group	<input type="text" value="< None >"/>
Tunneled Protocol *	<input type="text" value="None"/>
Packet Capture Mode *	<input type="text" value="None"/>
Packet Capture Duration	<input type="text" value="0"/>

Media Termination Point Required
 Retry Video Call as Audio
 Wait for Far End H.245 Terminal Capability Set
 Path Replacement Support
 Transmit UTF-8 for Calling Party Name
 Unattended Port
 SRTP Allowed - When this flag is checked, IPsec needs to be configured in the network to provide encryption.

Multilevel Precedence and Preemption (MLPP) Information

MLPP Domain 


Call Routing Information	
Inbound Calls	
Significant Digits*	All
Calling Search Space	< None >
AAR Calling Search Space	< None >
Prefix DN	
<input checked="" type="checkbox"/>	Redirecting Number IE Delivery - Inbound
<input type="checkbox"/>	Enable Inbound FastStart
Outbound Calls	
Calling Party Selection*	Originator
Calling Line ID Presentation*	Default
Called Party IE Number Type Unknown*	Cisco CallManager
Calling Party IE Number Type Unknown*	Cisco CallManager
Called Numbering Plan*	Cisco CallManager
Calling Numbering Plan*	Cisco CallManager
Caller ID DN	
<input checked="" type="checkbox"/>	Display IE Delivery
<input checked="" type="checkbox"/>	Redirecting Number IE Delivery - Outbound
<input type="checkbox"/>	Enable Outbound FastStart
Codec For Outbound FastStart	G711 u-law 64K
Gatekeeper Information	
Gatekeeper Name*	14.50.201.17
Terminal Type*	Gateway
Technology Prefix	2#
Zone	CCM

3. 配置路由模式路由呼叫到4085252000在步骤配置的H.225中继间2。注意前缀位(呼出呼叫)字段设置为3#。

Route Pattern Configuration

 Save
  Delete
  Copy
  Add New

Status

 Status: Ready

Pattern Definition

Route Pattern*

Route Partition

Description

Numbering Plan

Route Filter

MLPP Precedence*

Gateway/Route List* (Edit)

Route Option

 Route this pattern

 Block this pattern

Call Classification*

Allow Device Override
 Provide Outside Dial Tone
 Allow Overlap Sending
 Urgent Priority

Require Forced Authorization Code

Authorization Level*

Require Client Matter Code

Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask

Prefix Digits (Outgoing Calls)

Calling Line ID Presentation*

Calling Name Presentation*

Connected Party Transformations	
Connected Line ID Presentation *	Default
Connected Name Presentation *	Default





Called Party Transformations	
Discard Digits	< None >
Called Party Transform Mask	
Prefix Digits (Outgoing Calls)	3#

ISDN Network-Specific Facilities Information Element	
Network Service Protocol	-- Not Selected --
Carrier Identification Code	
Network Service	Service Parameter Name
-- Not Selected --	< Not Exist >

4. 配置转换模式为了剥离在呼入呼叫的2#在H225中继间。

System ▾ Call Routing ▾ Media Resources ▾ Voice Mail ▾ Device ▾ Application ▾ User Management ▾

Translation Pattern Configuration

 Save
  Delete
  Copy
  Add New

Pattern Definition

Translation Pattern:
 Partition:
 Description:
 Numbering Plan:
 Route Filter:
 MLPP Precedence*:
 Calling Search Space:
 Route Option:

 Route this pattern

 Block this pattern

 Provide Outside Dial Tone

 Urgent Priority

Calling Party Transformations

Use Calling Party's External Phone Number Mask

 Calling Party Transform Mask:

 Prefix Digits (Outgoing Calls):

 Calling Line ID Presentation*:

 Calling Name Presentation*:

Connected Party Transformations

Connected Line ID Presentation*:

 Connected Name Presentation*:

Called Party Transformations

Discard Digits:

 Called Party Transform Mask:

 Prefix Digits (Outgoing Calls):

Done

验证

请使用此部分为了适当地确认您的配置工作。

[命令输出解释程序 \(仅限注册用户 \)](#) (OIT) 支持某些 **show** 命令。使用 OIT 可查看对 **show** 命令输出的分析。

网关

请使用此部分确认您的配置适当地工作在Cisco IOS网守。

这些网守显示命令在启用debug gatekeeper main以后收集了10：

• Show gatekeeper endpoints Gatekeeper-1

GATEKEEPER ENDPOINT REGISTRATION

```
=====
CallSignalAddr  Port  RASSignalAddr  Port  Zone Name      Type      Flags
-----
14.50.201.17 1720 14.50.201.17 62820 CCM-CUBE H323-GW ENDPOINT-ID: 83D872B800000001 VERSION:
4 AGE: 24 secs SupportsAnnexE: FALSE g_supp_protos: 0x00000050 H323-ID: CUBE-1 Voice Capacity
Max.= Avail.= Current.= 2 14.50.201.81 39284 14.50.201.81 33580 CCM VOIP-GW ENDPOINT-ID:
849D11EC00000002 VERSION: 5 AGE: 8 secs SupportsAnnexE: FALSE g_supp_protos: 0x00000050 H323-
ID: CCM-GK-Trunk_1 Voice Capacity Max.= Avail.= Current.= 1 Total number of active
registrations = 2 Gatekeeper-2
```

GATEKEEPER ENDPOINT REGISTRATION

```
=====
CallSignalAddr  Port  RASSignalAddr  Port  Zone Name      Type      Flags
-----
14.1.123.95 1720 14.1.123.95 64422 CME-CUBE H323-GW ENDPOINT-ID: 8591ED9400000001 VERSION: 4
AGE: 10 secs SupportsAnnexE: FALSE g_supp_protos: 0x00000050 H323-ID: CUBE-2 Voice Capacity
Max.= Avail.= Current.= 2 14.1.125.125 1720 14.1.125.125 56689 CME VOIP-GW ENDPOINT-ID:
860100E800000002 VERSION: 4 AGE: 6 secs SupportsAnnexE: FALSE g_supp_protos: 0x00000050 H323-
ID: CME-1 Voice Capacity Max.= Avail.= Current.= 1 Total number of active registrations = 2
```

• Show gatekeeper gw-type-prefix Gatekeeper-1

GATEWAY TYPE PREFIX TABLE

```
=====
Prefix: 3## (Hopoff zone CME-CUBE) Prefix: 2## Zone CCM master gateway list:
14.50.201.81:39284 CCM-GK-Trunk_1 Zone CCM-CUBE master gateway list: 14.50.201.17:1720 CUBE-
1 Gatekeeper-2
```

GATEWAY TYPE PREFIX TABLE

```
=====
Prefix: 2## (Hopoff zone CCM-CUBE) Prefix: 3## Zone CME master gateway list:
14.1.125.125:1720 CME-1 Zone CME-CUBE master gateway list: 14.1.123.95:1720 CUBE-2
```

• Show gatekeeper calls Gatekeeper-1

Total number of active calls = 2.

largest hash bucket = 2

GATEKEEPER CALL INFO

```
=====
LocalCallID          Age(secs)  BW
7-196                760        26      832(Kbps)
ConferenceID         CallID          SrcCRV
006E38C4 3570518C 03000301 0E32CA1F 006E38C4 3570518C 03000301 0E32CA1F 3
  Endpt(s): Alias E.164Addr src EP: CCM-GK-Trunk_1 9193922000 CallSignalAddr Port
RASSignalAddr Port 14.50.201.81 39284 14.50.201.81 33580 Endpt(s): Alias E.164Addr dst EP:
CUBE-1 3#4085252000 CallSignalAddr Port RASSignalAddr Port 14.50.201.17 1720 14.50.201.17
62820 callstate: SEP, DEP, LocalCallID Age(secs) BW 8-196 760 25 832(Kbps) ConferenceID
CallID SrcCRV 006E38C4 3570518C 03000301 0E32CA1F 006E38C4 3570518C 03000301 0E32CA1F 8
  Endpt(s): Alias E.164Addr src EP: CUBE-1 9193922000 CallSignalAddr Port RASSignalAddr Port
14.50.201.17 1720 14.50.201.17 62820 Endpt(s): Alias E.164Addr dst EP: 3#4085252000
CallSignalAddr Port RASSignalAddr Port 14.1.123.95 1720 14.1.123.95 1720 callstate: SEP,
```

Gatekeeper-2 Total number of active calls = 2.

largest hash bucket = 2

GATEKEEPER CALL INFO

```
=====
LocalCallID          Age(secs)  BW
15-196               760        41      832(Kbps)
ConferenceID         CallID          SrcCRV
006E38C4 3570518C 03000301 0E32CA1F 006E38C4 3570518C 03000301 0E32CA1F 0
  Endpt(s): Alias E.164Addr src EP: CUBE-1 9193922000 Endpt(s): Alias E.164Addr dst EP: CUBE-2
3#4085252000 CallSignalAddr Port RASSignalAddr Port 14.1.123.95 1720 14.1.123.95 64422
```

callstate: DEP, LocalCallID Age(secs) BW 16-196 760 41 832(Kbps) ConferenceID CallID SrcCRV 006E38C4 3570518C 03000301 0E32CA1F 006E38C4 3570518C 03000301 0E32CA1F 16 **Endpt(s): Alias E.164Addr src EP: CUBE-2 9193922000** CallSignalAddr Port RASSignalAddr Port 14.1.123.95 1720 14.1.123.95 64422 **Endpt(s): Alias E.164Addr dst EP: CME-1 3#4085252000** CallSignalAddr Port RASSignalAddr Port 14.1.125.125 1720 14.1.125.125 56689 callstate: SEP, DEP,

多维数据集

请使用此部分为了确认您的配置适当地工作在多维数据集。

- **Show gatewayCube-1**H.323 ITU-T Version: 4.0 H323 Stack Version: 0.1

H.323 service is up

Gateway CUBE-1 is registered to Gatekeeper CCM-CUBE Alias list (CLI configured) H323-ID CUBE-1 Alias list (last RCF) H323-ID CUBE-1 **Cube-2**H.323 ITU-T Version: 4.0 H323 Stack Version: 0.1

H.323 service is up

Gateway CUBE-2 is registered to Gatekeeper CME-CUBE Alias list (CLI configured) H323-ID CUBE-2 Alias list (last RCF) H323-ID CUBE-2

- **Show call active**视频摘要**Cube-1**148C : 2153 192864460ms.1 +6560 pid:919 Answer 9193922000 active

dur 00:00:23 tx:1714/557033 rx:1704/360129

IP **14.50.201.81:5445** SRTP: off rtt:0ms pl:0/0ms lost:0/0/0 delay:0/0/0ms g711ulaw TextRelay: off media inactive detected:n media contrl rcvd:n/a timestamp:n/a long duration call detected:n long duration call duration:n/a timestamp:n/a 148C : 2154 192864490ms.1 +6390 pid:408 Originate 3#4085252000 active dur 00:00:23 tx:1704/360129 rx:1714/557033 IP **14.1.123.95:17180** SRTP: off rtt:0ms pl:0/0ms lost:0/0/0 delay:0/0/0ms g711ulaw TextRelay: off media inactive detected:n media contrl rcvd:n/a timestamp:n/a long duration call detected:n long duration call duration:n/a timestamp:n/a Telephony call-legs: 0 SIP call-legs: 0 H323 call-legs: 2 Call agent controlled call-legs: 0 SCCP call-legs: 0 Multicast call-legs: 0 Media call-legs: 0 Total call-legs: 2 **Cube-2**148C : 23 192861220ms.1 +5840 pid:919 Answer 9193922000 active

dur 00:00:38 tx:2845/922239 rx:2824/571918

IP **14.50.201.17:19332** SRTP: off rtt:0ms pl:0/0ms lost:0/0/0 delay:0/0/0ms g711ulaw TextRelay: off media inactive detected:n media contrl rcvd:n/a timestamp:n/a long duration call detected:n long duration call duration:n/a timestamp:n/a 148C : 24 192861250ms.1 +5640 pid:408 Originate 3#4085252000 active dur 00:00:39 tx:2825/572078 rx:2846/922898 IP **14.1.125.125:17224** SRTP: off rtt:0ms pl:0/0ms lost:0/0/0 delay:0/0/0ms g711ulaw TextRelay: off media inactive detected:n media contrl rcvd:n/a timestamp:n/a long duration call detected:n long duration call duration:n/a timestamp:n/a Telephony call-legs: 0 SIP call-legs: 0 H323 call-legs: 2 Call agent controlled call-legs: 0 SCCP call-legs: 0 Multicast call-legs: 0 Media call-legs: 0 Total call-legs: 2

- **Show voip rtp connectionsCube-1**VoIP RTP active connections :

No.	CallId	dstCallId	LocalRTP	RmtRTP	LocalIP	RemoteIP
1	2153	2154	17782	18956	14.50.201.17	14.50.202.31 2 2154 2153 16418 19496
	14.50.201.17	14.1.123.95	3 2155 2156 16564	5445	14.50.201.17	14.50.201.44 4 2156 2155 19332
	17180	14.50.201.17	14.1.123.95	Found 4 active RTP connections	Cube-2	VoIP RTP active connections :

No.	CallId	dstCallId	LocalRTP	RmtRTP	LocalIP	RemoteIP
1	23	24	19496	16418	14.1.123.95	14.50.201.17 2 24 23 16772 16904
	14.1.123.95	14.1.125.125	3 25 26 17180	19332	14.1.123.95	14.50.201.17 4 26 25 17338 17224
	14.1.123.95	14.1.125.125	Found 4 active RTP connections			

故障排除

使用本部分可排除配置的故障。

[debug 命令](#)

配置Cisco IOS网关记录在其操作日志缓冲区的调试和禁用logging console。

注意： 使用 **debug** 命令之前，请参阅[有关 Debug 命令的重要信息](#)。

注意： 显示，并且常见问题的调试指令是可用的在[多业务语音调试查找工具](#)。

这些是用于的命令配置网关为了存储在网关的操作日志缓冲区的调试：

- service timestamps debug datetime msec
- 服务顺序
- no logging console
- logging buffered 5000000 debug
- clear log

多维数据集调试

- debug voip ccapi inout
- debug ras
- debug h225 asn1
- debug h245 asn1
- debug cch323 h225
- debug cch323 h245
- debug voip ipipgw

网守调试

- debug ras
- debug gatekeeper main 10
- debug gatekeeper call 10
- debug gatekeeper zone 10

[呼叫流示例](#)

此部分描述该的呼叫流从此配置示例的结果。

1. [IP电话\(919-392-2000\)做一呼叫到IP电话\(408-525-2000\)](#)
2. [Cisco Unified Communications管理器加前缀3#到被呼叫号码并且发送ARQ请求到在Site-1的网守](#)
3. [Gatekeeper-1识别呼叫从CCM区域和检查是入站是否有配置的invia区域](#)
4. [Gatekeeper-1确定CCM-CUBE作为CCM区域的invia区域并且设法查找一个IP-IP网关在CCM-CUBE区域](#)
5. [Gatekeeper-1查找本地IP-IP网关\(CUBE-1\)并且发送网关\(14.50.201.17\)的IP地址在ACF答复](#)
6. [Cisco Unified Communications管理器传送H225设置信息对CUBE-1](#)
7. [CUBE-1发送与“answerCall”集的一ARQ请求给特鲁对Gatekeeper-1](#)
8. [Gatekeeper-1发送对CUBE-1的一ACF答复](#)
9. [CUBE-1然后匹配呼入拨号对端919和呼出拨号对端408并且发送3#4085252000的一ARQ请求对Gatekeeper-1](#)
10. [CUBE-1传送H225呼叫进行信息给Cisco Unified Communications管理器](#)

11. [尽管没有为CCM-CUBE区域配置的invia区域， Gatekeeper-1执行正常ARQ处理。它查找3#在目标号码的tech-前缀](#)
12. [3#配置作为远程区域的CME-CUBE一个hopoff前缀。因此， Gatekeeper-1发送LRQ \(位置请求\)对Gatekeeper-2](#)
13. [Gatekeeper-2接收LRQ并且识别LRQ是从远程区域CCM-CUBE。它证实是否有为远程区域配置的invia区域CCM-CUBE](#)
14. [Gatekeeper-2确定CME-CUBE作为CCM-CUBE区域的invia区域并且设法查找在CME-CUBE的一个IP-IP网关](#)
15. [Gatekeeper-2查找本地IP-IP网关\(CUBE-2\)并且发送网关\(14.1.123.95\)的IP地址在LCF答复](#)
16. [Gatekeeper-1收到LCF答复并且发送一ACF答复用CUBE-2的IP地址对CUBE-1](#)
17. [CUBE-1传送H225设置信息对CUBE-2](#)
18. [CUBE-2发送与“answerCall”集的一ARQ请求给特鲁对Gatekeeper-2](#)
19. [Gatekeeper-2发送对CUBE-2的一ACF答复](#)
20. [CUBE-2然后匹配呼入拨号对端919和呼出拨号对端408并且发送3#4085252000的一ARQ请求对Gatekeeper-2](#)
21. [CUBE-2传送H225呼叫进行信息对CUBE-1](#)
22. [由于没有为CCM-CUBE区域配置的invia区域， Gatekeeper-2执行正常ARQ处理。它查找3#在目标号码的技术前缀](#)
23. [Gatekeeper-2使用剩余数字\(4085252000\)查找区域前缀匹配。它确定CME区域能处理此408前缀并且设法查找在有tech-前缀的3# CME区域注册的网关](#)
24. [Gatekeeper-2选择CME作为目的地网关并且发送其IP地址\(14.1.103.74\)在ACF答复](#)
25. [CUBE-2收到ACF答复并且传送H225设置信息对CME](#)
26. [网守收到与“answerCall”集的一ARQ请求给从CME的特鲁并且发送ACF答复](#)
27. [CUBE-2收到H225从CME的呼叫进行，警告和连接消息，一直然后通过回到Cisco Unified Communications Manager](#)
28. [H.245协商发生。音频和视频RTP数据流设立](#)
29. [4085252000挂断呼叫。CUBE-2接收H225版本完整从CME](#)
30. [在接收/发送版本完整以后， CCM、CUBE-1、CUBE-2和CME发送断连请求\(DRQ\)到他们的各自网守](#)
31. [CUBE-2发送版本完整对CUBE-1，然后传送对应的版本完整信息对Cisco Unified Communications Manager和呼叫断开](#)

调试输出

此部分为在此部分讨论的呼叫流提供debug输出。

点击完整debug输出的这些超链接：

- [GK-CUBE-1](#)
- [GK-CUBE-2](#)
- [CME-1](#)

步骤 1

IP电话(919-392-2000)做一呼叫到IP电话(408-525-2000)。

步骤 2

Cisco Unified Communications管理器加前缀3#到被呼叫号码并且发送ARQ请求到在Site-1的网守。

(GK-CUBE-1.txt)

008874: *Jul 24 06:49:52.584: RAS INCOMING PDU ::=

```
value RasMessage ::= admissionRequest : { requestSeqNum 72 callType pointToPoint : NULL
endpointIdentifier {"849D11EC00000002"} destinationInfo { dialedDigits : "3#4085252000" }
srcInfo { dialedDigits : "9193922000" } srcCallSignalAddress ipAddress : { ip '0E32C951'H port
39284 } bandwidth 7680 callReferenceValue 3 conferenceID '006E38C43570518C030003010E32CA1F'H
activeMC FALSE answerCall FALSE canMapAlias TRUE callIdentifier { guid
'006E38C43570518C030003010E32CA1F'H } gatekeeperIdentifier {"CCM"} willSupplyUUIES FALSE }
```

步骤 3

Gatekeeper-1识别呼叫从CCM区域和检查是入站是否有配置的invia区域。

(GK-CUBE-1.txt)

```
008882: *Jul 24 06:49:52.600: //006E38C40300/006E38C40300/GK/rassrv_get_addrinfo:
(3#4085252000) Matched tech-prefix 3#
008883: *Jul 24 06:49:52.600: //xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_rassrv_get_ingress_network:
returning default ingress network = 1
008884: *Jul 24 06:49:52.600: //006E38C40300/006E38C40300/GK/rassrv_arq_select_viazone:
about to check the source side, src_zonep=0x8528AAE8
008885: *Jul 24 06:49:52.600: //006E38C40300/006E38C40300/GK/rassrv_arq_select_viazone:
matched zone is CCM, and z_invianamelen=8
```

步骤 4

Gatekeeper-1确定CCM-CUBE作为CCM区域的invia区域并且设法查找一个IP-IP网关在CCM-CUBE区域。

(GK-CUBE-1.txt)

```
008886: *Jul 24 06:49:52.600: //006E38C40300/006E38C40300/GK/rassrv_arq_select_viazone
and z_invianamep=CCM-CUBE 008887: *Jul 24 06:49:52.600: zone_gkid_search_cluster: searching
for gkid CCM-CUBE 008888: *Jul 24 06:49:52.600: zone_gkid_search_cluster: searching local
cluster for CCM-CUBE, z_gknamep: CCM z_flags: 0x3000017 008889: *Jul 24 06:49:52.600:
//006E38C40300/006E38C40300/GK/rassrv_arq_select_viazone(CCM): Terminating inbound call at the
IPIPGW in zone CCM-CUBE
```

步骤 5

Gatekeeper-1查找本地IP-IP网关(CUBE-1)并且发送网关(14.50.201.17)的IP地址在ACF答复。

(GK-CUBE-1.txt)

```
008895: *Jul 24 06:49:52.604:
//xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_gw_select_ipipgw_random: Found an IPIPGW. tgwp:
0x84EA170C, endptsigIP: 14.50.201.17, endptrasIP: 14.50.201.17, zone: CCM-CUBE 008896: *Jul 24
06:49:52.604: //xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_gw_select_ipipgw_random: Selected an IPIPGW.
008897: *Jul 24 06:49:52.604: //006E38C40300/006E38C40300/GK/rassrv_get_addrinfo: (3#4085252000)
successfully resolved IPIPGW and returning with return code 0 008898: *Jul 24 06:49:52.608: H225
NONSTD OUTGOING PDU ::= value ACFnonStandardInfo ::= { srcTerminalAlias { e164 : "9193922000" }
dstTerminalAlias { e164 : "3#4085252000" } } 008899: *Jul 24 06:49:52.608: H225 NONSTD OUTGOING
ENCODE BUFFER ::= 00010480C4C6C553330105806073B8585333 008900: *Jul 24 06:49:52.608: 008901: *Jul
24 06:49:52.608: RAS OUTGOING PDU ::= value RasMessage ::= admissionConfirm : { requestSeqNum 72
bandwidth 7680 callModel direct : NULL destCallSignalAddress ipAddress : { ip '0E32C911'H port
1720 } irrFrequency 240 nonStandardData { nonStandardIdentifier h221NonStandard : {
t35CountryCode 181 t35Extension 0 manufacturerCode 18 } data
```

```
'00010480C4C6C553330105806073B8585333'H } willRespondToIRR FALSE uuiesRequested { setup FALSE
callProceeding FALSE connect FALSE alerting FALSE information FALSE releaseComplete FALSE
facility FALSE progress FALSE empty FALSE } }
```

步骤 6

Cisco Unified Communications管理器传送H225设置信息对CUBE-1。

(GK-CUBE-1.txt)

```
008913: *Jul 24 06:49:52.636: H225.0 INCOMING PDU ::=
```

```
value H323_UserInformation ::=
```

```
{
  h323-uu-pdu
  {
    h323-message-body setup : { protocolIdentifier { 0 0 8 2250 0 5 } sourceAddress {
dialledDigits : "9193922000", h323-ID : {"9193922000..."} } sourceInfo { vendor { vendor {
t35CountryCode 181 t35Extension 0 manufacturerCode 18 } productId
'436973636F43616C6C4D616E61676572'H versionId '31'H } terminal { } mc FALSE undefinedNode FALSE
} destinationAddress { dialledDigits : "3#4085252000" } activeMC FALSE conferenceID
'006E38C43570518C030003010E32CA1F'H conferenceGoal create : NULL callType pointToPoint : NULL
sourceCallSignalAddress ipAddress : { ip '0E32C951'H port 39284 } callIdentifier { guid
'006E38C43570518C030003010E32CA1F'H } mediaWaitForConnect FALSE canOverlapSend FALSE
multipleCalls FALSE maintainConnection FALSE } h245Tunneling FALSE nonStandardControl { {
nonStandardIdentifier h221NonStandard : { t35CountryCode 181 t35Extension 0 manufacturerCode 18
} data '8144000400010300'H } } } } 008917: *Jul 24 06:49:52.664: //-
1/xxxxxxxxxxxxx/H323/cch323_h225_receiver: Received msg of type SETUPIND_CHOSEN 008918: *Jul 24
06:49:52.664: //-1/xxxxxxxxxxxxx/H323/setup_ind: Entry 008919: *Jul 24 06:49:52.664:
//2153/006E38C40300/H323/setup_ind: callingNumber[9193922000] calledNumber[3#4085252000] 008920:
*Jul 24 06:49:52.664: //2153/006E38C40300/H323/setup_ind: ---- calling IE present 008921: *Jul
24 06:49:52.664: //2153/006E38C40300/H323/setup_ind: ===== PI = 0 008922: *Jul 24 06:49:52.664:
//2153/006E38C40300/H323/setup_ind: Receive: infoXCap 8 008923: *Jul 24 06:49:52.664:
//2153/006E38C40300/H323/setup_ind: Receive: infoXCap ccb 8 008924: *Jul 24 06:49:52.664:
//2153/006E38C40300/H323/setup_ind: Receive bearer cap infoXRate 24, rateMult 6 008925: *Jul 24
06:49:52.668: //2153/006E38C40300/H323/setup_ind: setup_ind: is_overlap = 0, info_complete = 0
```

步骤 7

CUBE-1发送与“answerCall”集的一ARQ请求给特鲁对Gatekeeper-1。

(GK-CUBE-1.txt)

```
008932: *Jul 24 06:49:52.672: H225 NONSTD OUTGOING ENCODE BUFFER::= 80000010800181
```

```
008933: *Jul 24 06:49:52.672:
```

```
008934: *Jul 24 06:49:52.676: RAS OUTGOING PDU ::=
```

```
value RasMessage ::= admissionRequest : { requestSeqNum 4099 callType pointToPoint : NULL
callModel direct : NULL endpointIdentifier {"83D872B800000001"} destinationInfo { dialledDigits :
"3#4085252000" } srcInfo { dialledDigits : "9193922000", dialledDigits : "9193922000", h323-ID :
{"9193922000..."} } srcCallSignalAddress ipAddress : { ip '0E32C951'H port 39284 } bandwidth
7680 callReferenceValue 7 nonStandardData { nonStandardIdentifier h221NonStandard : {
t35CountryCode 181 t35Extension 0 manufacturerCode 18 } data '80000010800181'H } conferenceID
'006E38C43570518C030003010E32CA1F'H activeMC FALSE answerCall TRUE canMapAlias TRUE
callIdentifier { guid '006E38C43570518C030003010E32CA1F'H } willSupplyUUIEs FALSE }
```

步骤 8

Gatekeeper-1发送对CUBE-1的一ACF答复。

(GK-CUBE-1.txt)

```
008950: *Jul 24 06:49:52.724: H225 NONSTD OUTGOING ENCODE BUFFER::= 40
008951: *Jul 24 06:49:52.724:
008952: *Jul 24 06:49:52.724: RAS OUTGOING PDU ::=
```

```
value RasMessage ::= admissionConfirm : { requestSeqNum 4099 bandwidth 7680 callModel direct :
NULL destCallSignalAddress ipAddress : { ip '0E32C911'H port 1720 } irrFrequency 240
willRespondToIRR FALSE uuiesRequested { setup FALSE callProceeding FALSE connect FALSE alerting
FALSE information FALSE releaseComplete FALSE facility FALSE progress FALSE empty FALSE }
usageSpec { { when { end NULL inIrr NULL } callStartingPoint { connect NULL } required {
nonStandardUsageTypes { { nonStandardIdentifier h221NonStandard : { t35CountryCode 181
t35Extension 0 manufacturerCode 18 } data '40'H } } } startTime NULL endTime NULL terminationCause
NULL } } } }
```

步骤 9

CUBE-1然后匹配呼入拨号对端919和呼出拨号对端408并且发送3#4085252000的一ARQ请求对Gatekeeper-1。

(GK-CUBE-1.txt)

```
008974: *Jul 24 06:49:52.772: //-1/006E38C40300/CCAPI/cc_api_call_setup_ind_common:
Interface=0x857AB698, Call Info(
Calling Number=9193922000,(Calling Name=)(TON=Unknown, NPI=Unknown,
Screening=User, Passed, Presentation=Allowed),
Called Number=3#4085252000(TON=Unknown, NPI=Unknown),
Calling Translated=FALSE, Subscriber Type Str=Unknown, FinalDestinationFlag=TRUE,
Incoming Dial-peer=919, Progress Indication=NULL(0), Calling IE Present=TRUE, Source Trkgrp
Route Label=, Target Trkgrp Route Label=, CLID Transparent=FALSE), Call Id=2153 008995: *Jul 24
06:49:52.797: //2153/006E38C40300/CCAPI/ccIFCallSetupRequestPrivate: Interface=0x857AB698,
Interface Type=1, Destination=, Mode=0x0, Call Params(Calling Number=9193922000,(Calling
Name=)(TON=Unknown, NPI=Unknown, Screening=User, Passed, Presentation=Allowed), Called
Number=3#4085252000(TON=Unknown, NPI=Unknown), Calling Translated=FALSE, Subscriber Type
Str=Unknown, FinalDestinationFlag=TRUE, Outgoing Dial-peer=408, Call Count On=FALSE, Source
Trkgrp Route Label=, Target Trkgrp Route Label=, tg_label_flag=0, Application Call Id=) 009019:
*Jul 24 06:49:52.813: H225 NONSTD OUTGOING PDU ::= value ARQnonStandardInfo ::= { sourceAlias {
} sourceExtAlias { } callingOctet3a 129 gtd '49414D2C0D0A4745412C747273332C30302C312C...'H
ingressNetwork h323 : NULL } 009020: *Jul 24 06:49:52.813: H225 NONSTD OUTGOING ENCODE BUFFER::=
800000108901812A002749414D2C0D0A4745412C747273332C30302C312C792
C792C312C39313933393232303030D0A0D0A0120 009021: *Jul 24 06:49:52.817: 009022: *Jul 24
06:49:52.817: RAS OUTGOING PDU ::= value RasMessage ::= admissionRequest : { requestSeqNum 4100
callType pointToPoint : NULL callModel direct : NULL endpointIdentifier {"83D872B800000001"}
destinationInfo { dialedDigits : "3#4085252000" } srcInfo { dialedDigits : "9193922000", h323-ID
: {"CUBE-1"} } bandwidth 7680 callReferenceValue 8 nonStandardData { nonStandardIdentifier
h221NonStandard : { t35CountryCode 181 t35Extension 0 manufacturerCode 18 } data
'800000108901812A002749414D2C0D0A4745412C...'H } conferenceID
'006E38C43570518C030003010E32CA1F'H activeMC FALSE answerCall FALSE canMapAlias TRUE
callIdentifier { guid '006E38C43570518C030003010E32CA1F'H } willSupplyUUIEs FALSE }
```

步骤 10

CUBE-1传送H225呼叫进行信息给Cisco Unified Communications管理器。

```
009029: *Jul 24 06:49:52.833: //2153/006E38C40300/H323/run_h225_sm:
Received event H225_EV_CALLPROC while at state H225_SETUP
009030: *Jul 24 06:49:52.833: //2153/006E38C40300/H323/cch323_h225_set_new_state:
Changing from H225_SETUP state to H225_CALLPROC state
009031: *Jul 24 06:49:52.833: //2153/006E38C40300/H323/generic_send_callproc:
===== PI = 0
009032: *Jul 24 06:49:52.837: H225.0 OUTGOING PDU ::=
```

```
value H323_UserInformation ::=
{
```



```
h323-uu-pdu
{
  h323-message-body callProceeding : { protocolIdentifier { 0 0 8 2250 0 4 }
destinationInfo { vendor { vendor { t35CountryCode 181 t35Extension 0 manufacturerCode 18 }
productId '436973636F47617465776179'H versionId '32'H } gateway { protocol { voice : {
supportedPrefixes { { prefix dialedDigits : "2#" } } }, h323 : { supportedPrefixes { } } } } mc
FALSE undefinedNode FALSE } callIdentifier { guid '006E38C43570518C030003010E32CA1F'H }
multipleCalls FALSE maintainConnection FALSE } h245Tunneling FALSE } }
```

步骤 11

尽管没有为CCM-CUBE区域配置的invia区域， Gatekeeper-1执行正常ARQ处理。它查找3#在目标号码的tech-前缀。

(GK-CUBE-1.txt)

```
009050: *Jul 24 06:49:52.881: //006E38C40300/006E38C40300/GK/rassrv_get_addrinfo:
(3#4085252000) Matched tech-prefix 3# 009051: *Jul 24 06:49:52.881:
//xxxxxxxxxxxxxx/xxxxxxxxxxxxxx/GK/gk_rassrv_get_ingress_network: ARQ non-std ingress network = 2
```

步骤 12

3#配置作为远程区域的CME-CUBE一个hopoff前缀。因此， Gatekeeper-1发送LRQ (位置请求)对 Gatekeeper-2。

(GK-CUBE-1.txt)

```
009053: *Jul 24 06:49:52.881:
//006E38C40300/006E38C40300/GK/rassrv_arq_select_viazone:
matched zone is CME-CUBE, and z_outvianamelen=8 009054: *Jul 24 06:49:52.881:
//006E38C40300/006E38C40300/GK/rassrv_arq_select_viazone and z_outvianamep=CCM-CUBE 009055: *Jul
24 06:49:52.885: zone_gkid_search_cluster: searching for gkid CCM-CUBE 009056: *Jul 24
06:49:52.885: zone_gkid_search_cluster: searching local cluster for CCM-CUBE, z_gknamep: CCM
z_flags: 0x3000017 009057: *Jul 24 06:49:52.885:
//006E38C40300/006E38C40300/GK/rassrv_arq_select_viazone: Received ARQ for a zone (CME-CUBE)
that has an outviazone (CCM-CUBE) specified, but I am that viazone. Continue normal ARQ
processing 009061: *Jul 24 06:49:52.885: H225 NONSTD OUTGOING PDU ::= value LRQnonStandardInfo
::= { ttl 6 nonstd-callIdentifier { guid '006E38C43570518C030003010E32CA1F'H } callingOctet3a
129 gatewaySrcInfo { e164 : "9193922000", h323-ID : {"CUBE-1"} } gtd
'49414D2C0D0A4745412C747273332C30302C312C...'H } 009062: *Jul 24 06:49:52.889: H225 NONSTD
OUTGOING ENCODE BUFFER ::= 8289B100110000
6E38C43570518C030003010E32CA1F018116020480C4C6C5533340050043005500420045002D00
312A002749414D2C0D0A4745412C747273332C30302C312C792C792C312C393139333932323030 300D0A0D0A
009063: *Jul 24 06:49:52.893: 009064: *Jul 24 06:49:52.893: RAS OUTGOING PDU ::= value
RasMessage ::= locationRequest : { requestSeqNum 2051 destinationInfo { dialedDigits :
"3#4085252000" } nonStandardData { nonStandardIdentifier h221NonStandard : { t35CountryCode 181
t35Extension 0 manufacturerCode 18 } data '8289B1001100006E38C43570518C030003010E32...'H }
replyAddress ipAddress : { ip '0E32C911'H port 1719 } sourceInfo { h323-ID : {"CCM-CUBE"} }
canMapAlias TRUE hopCount 6 }
```

步骤 13

Gatekeeper-2接收LRQ并且识别LRQ是从远程区域CCM-CUBE。它证实是否有为远程区域配置的invia区域CCM-CUBE。

(GK-CUBE-2.txt)

```
026307: *Sep 24 12:43:19.182: //xxxxxxxxxxxxxx/xxxxxxxxxxxxxx/GK/gk_rassrv_lrq:
checking the source of the LRQ. source_endptp=0x0 026308: *Sep 24 12:43:19.182:
//xxxxxxxxxxxxxx/xxxxxxxxxxxxxx/GK/gk_rassrv_lrq: srcvia found gkname of source zone. looking up
CCM-CUBE in zone list 026309: *Sep 24 12:43:19.182: zone_gkid_search_cluster: searching for gkid
```

```
CCM-CUBE 026310: *Sep 24 12:43:19.182: //xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_rassrv_lrq: about to
check the source side, src_zonep=0x86006BF0 026311: *Sep 24 12:43:19.182:
//xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_rassrv_lrq: matched zone is CCM-CUBE
```

步骤 14

Gatekeeper-2确定CME-CUBE作为CCM-CUBE区域的invia区域并且设法查找在CME-CUBE的一个IP-IP网关。

(GK-CUBE-2.txt)

```
026312: *Sep 24 12:43:19.182: //xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_rassrv_lrq
and z_invianamelen=8
026313: *Sep 24 12:43:19.182: //xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_rassrv_lrq
and z_invianamep=CME-CUBE 026314: *Sep 24 12:43:19.182: zone_gkid_search_cluster: searching
for gkid CME-CUBE 026315: *Sep 24 12:43:19.186: zone_gkid_search_cluster: searching local
cluster for CME-CUBE, z_gknamep: CME z_flags: 0x3000017 026316: *Sep 24 12:43:19.186:
//xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_rassrv_lrq(CCM-CUBE): Terminating inbound call at the IPIPGW
in zone CME-CUBE 026317: *Sep 24 12:43:19.186:
//xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_gw_select_ipipgw_random: zonep: 0x86006984, tpp: 0x854C57CC,
current_endpt: 1 026318: *Sep 24 12:43:19.186:
//xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_gw_select_ipipgw_random: Selecting IPIPGW based on tech
prefix. qelep.head=0x8606CA90, use_count=1, current_endpt=1
```

步骤 15

Gatekeeper-2查找本地IP-IP网关(CUBE-2)并且发送网关(14.1.123.95)的IP地址在LCF答复。

(GK-CUBE-2.txt)

```
026322: *Sep 24 12:43:19.186:
//xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_gw_select_ipipgw_random:
Found an IPIPGW. tgwp: 0x84F7A7B4, endptsigIP: 14.1.123.95, endptrasIP: 14.1.123.95, zone:
CME-CUBE 026323: *Sep 24 12:43:19.186:
//xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_gw_select_ipipgw_random: Selected an IPIPGW. 026324: *Sep 24
12:43:19.190: //xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_zone_get_proxy_usage: local zone= CME-CUBE,
remote zone= CCM-CUBE, call direction= 0, eptype= 67650 be_entry= 0 026325: *Sep 24
12:43:19.190: //xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_zone_get_proxy_usage: returns proxied = 0
026326: *Sep 24 12:43:19.190: H225 NONSTD OUTGOING PDU ::= value LCFnonStandardInfo ::= {
termAlias { h323-ID : {"CUBE-2"} } gkID {"CME-CUBE"} gateways { { gwType h320-gateway : NULL
gwAlias { h323-ID : {"CUBE-2"} } sigAddress { ip '0E017B5F'H port 1720 } resources { maxDSPs 0
inUseDSPs 0 maxBChannels 0 inUseBChannels 0 activeCalls 0 bandwidth 0 inuseBandwidth 0 } } } gtd
gtdData : '49414D2C0D0A4745412C747273332C30302C312C...'H } 026327: *Sep 24 12:43:19.198: H225
NONSTD OUTGOING ENCODE BUFFER ::= 80014005004300
5500420045002D00320E0043004D0045002D004300550042004501000140050043005500420045002
D0032000E017B5F06B800000000000000000000004802B00002749414D2C0D0A4745412C747273332C3
0302C312C792C792C312C39313933393232303030D0A0D0A 026328: *Sep 24 12:43:19.202: 026329: *Sep 24
12:43:19.202: RAS OUTGOING PDU ::= value RasMessage ::= locationConfirm : { requestSeqNum 2051
callSignalAddress ipAddress : { ip '0E017B5F'H port 1720 } rasAddress ipAddress : { ip
'0E017B5F'H port 64422 } nonStandardData { nonStandardIdentifier h221NonStandard : {
t35CountryCode 181 t35Extension 0 manufacturerCode 18 } data
'800140050043005500420045002D00320E004300...'H } destinationInfo { dialedDigits : "3#4085252000"
} destinationType { gateway { } mc FALSE undefinedNode FALSE } }
```

步骤 16

Gatekeeper-1收到LCF答复并且发送一ACF答复用CUBE-2的IP地址对CUBE-1。

(GK-CUBE-1.txt)

```
009094: *Jul 24 06:49:52.993: H225 NONSTD OUTGOING PDU ::=
```

```

value ACFnonStandardInfo ::=
{
  srcTerminalAlias
  {
    e164 : "9193922000",
    h323-ID : {"CUBE-1"}
  }
  dstTerminalAlias
  {
    e164 : "3#4085252000"
  }
  srcInfo
  {
    e164 : "9193922000",
    h323-ID : {"CUBE-1"}
  }
  gtd gtdData : '49414D2C0D0A4745412C747273332C30302C312C...'H
}

```

```

009095: *Jul 24 06:49:52.997: H225 NONSTD OUTGOING ENCODE BUFFER::= 80020480C4C6
C5533340050043005500420045002D00310105806073B8585333058016020480C4C6C55333400500
43005500420045002D00312B00002749414D2C0D0A4745412C747273332C30302C312C792C792C31
2C393139333932323030300D0A0D0A
009096: *Jul 24 06:49:53.001:
009097: *Jul 24 06:49:53.001: H225 NONSTD OUTGOING PDU ::=

```

```

value RasnonStdUsageTypes ::=
{
  callModes NULL
}

```

```

009098: *Jul 24 06:49:53.001: H225 NONSTD OUTGOING ENCODE BUFFER::= 40
009099: *Jul 24 06:49:53.001:
009100: *Jul 24 06:49:53.001: RAS OUTGOING PDU ::=

```

```

value RasMessage ::= admissionConfirm : { requestSeqNum 4100 bandwidth 7680 callModel direct :
NULL destCallSignalAddress ipAddress : { ip '0E017B5F'H port 1720 } irrFrequency 240
nonStandardData { nonStandardIdentifier h221NonStandard : { t35CountryCode 181 t35Extension 0
manufacturerCode 18 } data '80020480C4C6C553334005004300550042004500...'H } destinationInfo {
dialedDigits : "3#4085252000" } willRespondToIRR FALSE uuiesRequested { setup FALSE
callProceeding FALSE connect FALSE alerting FALSE information FALSE releaseComplete FALSE
facility FALSE progress FALSE empty FALSE } usageSpec { { when { end NULL inIrr NULL }
callStartingPoint { connect NULL } required { nonStandardUsageTypes { { nonStandardIdentifier
h221NonStandard : { t35CountryCode 181 t35Extension 0 manufacturerCode 18 } data '40'H } }
startTime NULL endTime NULL terminationCause NULL } } } }

```

[步骤 17](#)

CUBE-1传送H225设置信息对CUBE-2。

(GK-CUBE-1.txt)

```

009141: *Jul 24 06:49:53.089: H225.0 OUTGOING PDU ::=

```

```

value H323_UserInformation ::=
{
  h323-uu-pdu
  {
    h323-message-body setup : { protocolIdentifier { 0 0 8 2250 0 4 } sourceAddress { h323-

```

```

ID : {"CUBE-1"} } sourceInfo { vendor { vendor { t35CountryCode 181 t35Extension 0
manufacturerCode 18 } productId '436973636F47617465776179'H versionId '32'H } gateway { protocol
{ voice : { supportedPrefixes { { prefix dialedDigits : "2#" } } }, h323 : { supportedPrefixes {
} } } } mc FALSE undefinedNode FALSE } destinationAddress { dialedDigits : "3#4085252000" }
activeMC FALSE conferenceID '006E38C43570518C030003010E32CA1F'H conferenceGoal create : NULL
callType pointToPoint : NULL sourceCallSignalAddress ipAddress : { ip '0E32C911'H port 40523 }
callIdentifier { guid '006E38C43570518C030003010E32CA1F'H } mediaWaitForConnect FALSE
canOverlapSend FALSE multipleCalls TRUE maintainConnection TRUE } h245Tunneling TRUE
nonStandardControl { { nonStandardIdentifier h221NonStandard : { t35CountryCode 181 t35Extension
0 manufacturerCode 18 } data 'E0011200011C351C339E01000367746400000028...'H } }
tunnelledSignallingMessage { tunnelledProtocolID { id tunnelledProtocolAlternateID : {
protocolType "gtd" } } messageContent { '49414D2C0D0A4745412C747273332C30302C312C...'H } } }
009142: *Jul 24 06:49:53.125: H225.0 OUTGOING ENCODE BUFFER::= 20B0060008914A
00040140050043005500420045002D003128C0B50000120B436973636F4761746577617900324
0023C0504010020502C050100000105806073B858533300006E38C43570518C030003010E32CA1
F00CD0D800007000E32C9119E4B1100006E38C43570518C030003010E32CA1F010001000180018
010A801805C0140B500001255E0011200011C351C339E0100036774640000002849414D2C0D0A4
745412C747273332C30302C312C792C792C312C393139333932323030300D0A0D0A0A500400010
3001127F80000000000000000000000000000002F0204677464012849414D2C0D0A4745412C747
273332C30302C312C792C792C312C393139333932323030300D0A0D0A 009143: *Jul 24 06:49:53.129: 009144:
*Jul 24 06:49:53.129: //2154/006E38C40300/H323/cch323_h225_set_new_state: Changing from
H225_IDLE state to H225_SETUP state

```

步骤 18

CUBE-2发送与“answerCall”集的一ARQ请求给特鲁对Gatekeeper-2。

(GK-CUBE-2.txt)

```

026357: *Sep 24 12:43:19.442: //23/006E38C40300/H323/cch323_h225_set_new_state: Changing from
H225_IDLE state to H225_WAIT_FOR_ARQ state 026358: *Sep 24 12:43:19.446: H225 NONSTD OUTGOING
PDU ::= value ARQnonStandardInfo ::= { sourceAlias { } sourceExtAlias { } callingOctet3a 129 }
026359: *Sep 24 12:43:19.446: H225 NONSTD OUTGOING ENCODE BUFFER::= 80000010800181 026360: *Sep
24 12:43:19.446: 026361: *Sep 24 12:43:19.446: RAS OUTGOING PDU ::= value RasMessage ::=
admissionRequest : { requestSeqNum 4351 callType pointToPoint : NULL callModel direct : NULL
endpointIdentifier {"8591ED9400000001"} destinationInfo { dialedDigits : "3#4085252000" }
srcInfo { dialedDigits : "9193922000", h323-ID : {"CUBE-1"} } srcCallSignalAddress ipAddress : {
ip '0E32C911'H port 40523 } bandwidth 7680 callReferenceValue 15 nonStandardData {
nonStandardIdentifier h221NonStandard : { t35CountryCode 181 t35Extension 0 manufacturerCode 18
} data '80000010800181'H } conferenceID '006E38C43570518C030003010E32CA1F'H activeMC FALSE
answerCall TRUE canMapAlias TRUE callIdentifier { guid '006E38C43570518C030003010E32CA1F'H }
willSupplyUUIEs FALSE }

```

步骤 19

Gatekeeper-2发送对CUBE-2的一ACF答复。

(GK-CUBE-2.txt)

```

026383: *Sep 24 12:43:19.494: RAS OUTGOING PDU ::=

```

```

value RasMessage ::= admissionConfirm : { requestSeqNum 4351 bandwidth 7680 callModel direct :
NULL destCallSignalAddress ipAddress : { ip '0E017B5F'H port 1720 } irrFrequency 240
willRespondToIRR FALSE uuiesRequested { setup FALSE callProceeding FALSE connect FALSE alerting
FALSE information FALSE releaseComplete FALSE facility FALSE progress FALSE empty FALSE }
usageSpec { { when { end NULL inIrr NULL } callStartingPoint { connect NULL } required {
nonStandardUsageTypes { { nonStandardIdentifier h221NonStandard : { t35CountryCode 181
t35Extension 0 manufacturerCode 18 } data '40'H } } startTime NULL endTime NULL terminationCause
NULL } } }

```

步骤 20

CUBE-2然后匹配呼入拨号对端919和呼出拨号对端408并且发送3#4085252000的一ARQ请求对Gatekeeper-2。

(GK-CUBE-2.txt)

```
026406: *Sep 24 12:43:19.542: //-1/006E38C40300/CCAPI/cc_api_call_setup_ind_common:
  Interface=0x855A8B64, Call Info(
  Calling Number=9193922000,(Calling Name=)(TON=Unknown, NPI=Unknown,
  Screening=User, Passed, Presentation=Allowed),
  Called Number=3#4085252000(TON=Unknown, NPI=Unknown),
  Calling Translated=FALSE, Subscriber Type Str=Unknown,
  FinalDestinationFlag=TRUE,
  Incoming Dial-peer=919, Progress Indication=NULL(0), Calling IE Present=TRUE, Source Trkgrp
Route Label=, Target Trkgrp Route Label=, CLID Transparent=FALSE), Call Id=23 026427: *Sep 24
12:43:19.567: //23/006E38C40300/CCAPI/ccIFCallSetupRequestPrivate: Interface=0x855A8B64,
Interface Type=1, Destination=, Mode=0x0, Call Params(Calling Number=9193922000,(Calling
Name=)(TON=Unknown, NPI=Unknown, Screening=User, Passed, Presentation=Allowed), Called
Number=3#4085252000(TON=Unknown, NPI=Unknown), Calling Translated=FALSE, Subscriber Type
Str=Unknown, FinalDestinationFlag=TRUE, Outgoing Dial-peer=408, Call Count On=FALSE, Source
Trkgrp Route Label=, Target Trkgrp Route Label=, tg_label_flag=0, Application Call Id=) 026451:
*Sep 24 12:43:19.583: H225 NONSTD OUTGOING PDU ::= value ARQnonStandardInfo ::= { sourceAlias {
} sourceExtAlias { } callingOctet3a 129 gtd '49414D2C0D0A4745412C747273332C30302C312C...'H
ingressNetwork h323 : NULL } 026452: *Sep 24 12:43:19.587: H225 NONSTD OUTGOING ENCODE BUFFER::=
8000001089 01812A002749414D2C0D0A4745412C747273332C30302C312C792C792C312C3931393339323230
30300D0A0D0A0120 026453: *Sep 24 12:43:19.587: 026454: *Sep 24 12:43:19.587: RAS OUTGOING PDU
::= value RasMessage ::= admissionRequest : { requestSeqNum 4352 callType pointToPoint : NULL
callModel direct : NULL endpointIdentifier {"8591ED9400000001"} destinationInfo { dialedDigits :
"3#4085252000" } srcInfo { dialedDigits : "9193922000", h323-ID : {"CUBE-2"} } bandwidth 7680
callReferenceValue 16 nonStandardData { nonStandardIdentifier h221NonStandard : { t35CountryCode
181 t35Extension 0 manufacturerCode 18 } data '800000108901812A002749414D2C0D0A4745412C...'H }
conferenceID '006E38C43570518C030003010E32CA1F'H activeMC FALSE answerCall FALSE canMapAlias
TRUE callIdentifier { guid '006E38C43570518C030003010E32CA1F'H } willSupplyUUIEs FALSE }
```

步骤 21

CUBE-2传送H225呼叫进行信息对CUBE-1。

(GK-CUBE-2.txt)

```
026462: *Sep 24 12:43:19.607:
  //23/006E38C40300/H323/cch323_h225_set_new_state: Changing from H225_SETUP state to
H225_CALLPROC state 026463: *Sep 24 12:43:19.607: //23/006E38C40300/H323/generic_send_callproc:
===== PI = 0 026464: *Sep 24 12:43:19.607: //23/006E38C40300/H323/cch323_build_qosInfo:
ccb=0x83D7D3D4. msg_type=0 026465: *Sep 24 12:43:19.607:
//23/006E38C40300/H323/cch323_build_qosInfo: media_ip_addr=0x0, remote_qos_video=0,
audio_lport=0, audio_rport=0, video=0, video_lport=0, video_rport=0, h245_lport=0, h245_rport=0,
remote_qos_audio_bw=0, remote_qos_video_bw=0 026466: *Sep 24 12:43:19.607: H225 NONSTD OUTGOING
PDU ::= value H323_UU_NonStdInfo ::= { rsvpParam rsvpInfo : { qosIE { audio-rport 0 video-rport
0 audio-lport 0 video-lport 0 media-ip-addr 0 remote-qos-video-bw 0 remote-qos-audio-bw 0
remote-qos-video 0 } } } 026467: *Sep 24 12:43:19.611: H225 NONSTD OUTGOING ENCODE BUFFER::=
80A1001127F80000000000000000000000000000000000000000000000000000 026468: *Sep 24 12:43:19.611: 026469: *Sep 24
12:43:19.611: H225.0 OUTGOING PDU ::= value H323_UserInformation ::= { h323-uu-pdu { h323-
message-body callProceeding : { protocolIdentifier { 0 0 8 2250 0 4 } destinationInfo { vendor {
vendor { t35CountryCode 181 t35Extension 0 manufacturerCode 18 } productId
'436973636F47617465776179'H versionId '32'H } gateway { protocol { voice : { supportedPrefixes {
{ prefix dialedDigits : "3#" } } }, h323 : { supportedPrefixes { } } } } mc FALSE undefinedNode
FALSE } callIdentifier { guid '006E38C43570518C030003010E32CA1F'H } multipleCalls TRUE
maintainConnection TRUE } h245Tunneling FALSE nonStandardControl { { nonStandardIdentifier
h221NonStandard : { t35CountryCode 181 t35Extension 0 manufacturerCode 18 } data
'80A1001127F80000000000000000000000000000000000000000000000000000...'H } } } }
```

步骤 22

由于没有为CCM-CUBE区域配置的invia区域， Gatekeeper-2执行正常ARQ处理。它查找3#在目标号码的技术前缀。

(GK-CUBE-2.txt)

```
026487: *Sep 24 12:43:19.667: //006E38C40300/006E38C40300/GK/rassrv_get_addrinfo:
      (3#4085252000) Matched tech-prefix 3#
```

[步骤 23](#)

Gatekeeper-2使用剩余数字(4085252000)查找区域前缀匹配。它确定CME区域能处理此408前缀并且设法查找在有tech-前缀的3# CME区域注册的网关。

(GK-CUBE-2.txt)

```
026488: *Sep 24 12:43:19.667: //006E38C40300/006E38C40300/GK/rassrv_get_addrinfo:
      (3#4085252000) Matched zone prefix 4085252 and remainder 000 026489: *Sep 24 12:43:19.667:
//xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_rassrv_get_ingress_network: ARQ non-std ingress network = 2
026490: *Sep 24 12:43:19.667: //006E38C40300/006E38C40300/GK/rassrv_arq_select_viazone: about to
check the destination side, dst_zonep=0x86006718 026491: *Sep 24 12:43:19.667:
//006E38C40300/006E38C40300/GK/rassrv_arq_select_viazone: matched zone is CME, and
z_outvianamelen=8 026492: *Sep 24 12:43:19.667:
//006E38C40300/006E38C40300/GK/rassrv_arq_select_viazone and z_outvianamep=CME-CUBE 026493: *Sep
24 12:43:19.667: zone_gkid_search_cluster: searching for gkid CME-CUBE 026494: *Sep 24
12:43:19.667: zone_gkid_search_cluster: searching local cluster for CME-CUBE, z_gknamep: CME
z_flags: 0x3000017 026495: *Sep 24 12:43:19.667:
//006E38C40300/006E38C40300/GK/rassrv_arq_select_viazone: Received ARQ for a zone (CME) that has
an outviazone (CME-CUBE) specified, but I am that viazone. Continue normal ARQ processing
```

[步骤24](#)

Gatekeeper-2选择CME作为目的地网关并且发送其IP地址(14.1.103.74)在ACF答复。

(GK-CUBE-2.txt)

```
026502: *Sep 24 12:43:19.671: H225 NONSTD OUTGOING PDU ::=
```

```
value ACFnonStandardInfo ::=
{
  srcTerminalAlias
  {
    e164 : "9193922000",
    h323-ID : {"CUBE-2"}
  }
  dstTerminalAlias
  {
    e164 : "3#4085252000"
  }
}
```

```
026503: *Sep 24 12:43:19.675: H225 NONSTD OUTGOING ENCODE BUFFER::=
      00020480C4C6C5533340050043005500420045002D00320105806073B8585333
```

```
026504: *Sep 24 12:43:19.675:
```

```
026505: *Sep 24 12:43:19.675: H225 NONSTD OUTGOING PDU ::=
```

```
value RasnonStdUsageTypes ::=
{
  callModes NULL
}
```

```
026506: *Sep 24 12:43:19.675: H225 NONSTD OUTGOING ENCODE BUFFER::= 40
026507: *Sep 24 12:43:19.675:
026508: *Sep 24 12:43:19.675: RAS OUTGOING PDU ::=
```

```
value RasMessage ::= admissionConfirm : { requestSeqNum 4352 bandwidth 7680 callModel direct :
NULL destCallSignalAddress ipAddress : { ip '0E017D7D'H port 1720 } irrFrequency 240
nonStandardData { nonStandardIdentifier h221NonStandard : { t35CountryCode 181 t35Extension 0
manufacturerCode 18 } data '00020480C4C6C553334005004300550042004500...'H } willRespondToIRR
FALSE uuiesRequested { setup FALSE callProceeding FALSE connect FALSE alerting FALSE information
FALSE releaseComplete FALSE facility FALSE progress FALSE empty FALSE } usageSpec { { when { end
NULL inIrr NULL } callStartingPoint { connect NULL } required { nonStandardUsageTypes { {
nonStandardIdentifier h221NonStandard : { t35CountryCode 181 t35Extension 0 manufacturerCode 18
} data '40'H } } startTime NULL endTime NULL terminationCause NULL } } } }
```

步骤25

CUBE-2收到ACF答复并且传送H225设置信息对CME。

(GK-CUBE-2.txt)

```
026549: *Sep 24 12:43:19.747: H225.0 OUTGOING PDU ::=
```

```
value H323_UserInformation ::=
```

```
{
  h323-uu-pdu
  {
h323-message-body setup : { protocolIdentifier { 0 0 8 2250 0 4 } sourceAddress { h323-ID :
{"CUBE-2"} } sourceInfo { vendor { vendor { t35CountryCode 181 t35Extension 0 manufacturerCode
18 } productId '436973636F47617465776179'H versionId '32'H } gateway { protocol { voice : {
supportedPrefixes { { prefix dialedDigits : "3#" } } }, h323 : { supportedPrefixes { } } } } mc
FALSE undefinedNode FALSE } activeMC FALSE conferenceID '006E38C43570518C030003010E32CA1F'H
conferenceGoal create : NULL callType pointToPoint : NULL sourceCallSignalAddress ipAddress : {
ip '0E017B5F'H port 11398 } callIdentifier { guid '006E38C43570518C030003010E32CA1F'H }
mediaWaitForConnect FALSE canOverlapSend FALSE multipleCalls TRUE maintainConnection TRUE }
h245Tunneling TRUE nonStandardControl { { nonStandardIdentifier h221NonStandard : {
t35CountryCode 181 t35Extension 0 manufacturerCode 18 } data
'80A50004000103001127F80000000000000000...'H } } } } 026550: *Sep 24 12:43:19.775: H225.0
OUTGOING ENCODE BUFFER::= 20A0060008914
A00040140050043005500420045002D003228C0B50000120B436973636F47617465776179003
240023C0504010020602C05010000006E38C43570518C030003010E32CA1F00CD0D800007000
E017B5F2C861100006E38C43570518C030003010E32CA1F010001000180018010A0018021014
0B50000121A80A50004000103001127F800000000000000000000000000000000 026551: *Sep 24 12:43:19.779:
026552: *Sep 24 12:43:19.779: //24/006E38C40300/H323/cch323_h225_set_new_state: Changing from
H225_IDLE state to H225_SETUP state
```

步骤26

网守收到与“answerCall”集的一ARQ请求给从CME的特鲁并且发送ACF答复。

(GK-CUBE-2.txt)

```
026557: *Sep 24 12:43:19.811: RAS INCOMING PDU ::=
```

```
value RasMessage ::= admissionRequest : { requestSeqNum 1956 callType pointToPoint : NULL
callModel direct : NULL endpointIdentifier {"860100E800000002"} destinationInfo { dialedDigits :
"3#4085252000" } srcInfo { dialedDigits : "9193922000", h323-ID : {"CUBE-2"} }
srcCallSignalAddress ipAddress : { ip '0E017B5F'H port 11398 } bandwidth 7680 callReferenceValue
8 nonStandardData { nonStandardIdentifier h221NonStandard : { t35CountryCode 181 t35Extension 0
manufacturerCode 18 } data '80000010800181'H } conferenceID '006E38C43570518C030003010E32CA1F'H
```

```
activeMC FALSE answerCall TRUE canMapAlias TRUE callIdentifier { guid
'006E38C43570518C030003010E32CA1F'H } willSupplyUIEs FALSE } 026558: *Sep 24 12:43:19.823: ARQ
(seq# 1956) rcvd 026559: *Sep 24 12:43:19.823: H225 NONSTD INCOMING ENCODE BUFFER::=
80000010800181 026560: *Sep 24 12:43:19.823: 026561: *Sep 24 12:43:19.823: H225 NONSTD INCOMING
PDU ::= value ARQnonStandardInfo ::= { sourceAlias { } sourceExtAlias { } callingOctet3a 129 }
parse_arq_nonstd: ARQ Nonstd decode succeeded, remlen = -2060456504 026562: *Sep 24
12:43:19.827: //xxxxxxxxxxxxxx/xxxxxxxxxxxxxx/GK/gk_rassrv_arq: arqp=0x86088C44,crv=0x8,
answerCall=1 026563: *Sep 24 12:43:19.827: //006E38C40300/006E38C40300/GK/gk_rassrv_dep_arq: ARQ
Didn't use GK_AAA_PROC 026564: *Sep 24 12:43:19.827: H225 NONSTD OUTGOING PDU ::= value
RasnonStdUsageTypes ::= { callModes NULL } 026565: *Sep 24 12:43:19.827: H225 NONSTD OUTGOING
ENCODE BUFFER::= 40 026566: *Sep 24 12:43:19.827: 026567: *Sep 24 12:43:19.831: RAS OUTGOING PDU
::= value RasMessage ::= admissionConfirm : { requestSeqNum 1956 bandwidth 7680 callModel direct
: NULL destCallSignalAddress ipAddress : { ip '0E017D7D'H port 1720 } irrFrequency 240
willRespondToIRR FALSE uuiesRequested { setup FALSE callProceeding FALSE connect FALSE alerting
FALSE information FALSE releaseComplete FALSE facility FALSE progress FALSE empty FALSE }
usageSpec { { when { end NULL inIrr NULL } callStartingPoint { connect NULL } required {
nonStandardUsageTypes { { nonStandardIdentifier h221NonStandard : { t35CountryCode 181
t35Extension 0 manufacturerCode 18 } data '40'H } } } startTime NULL endTime NULL terminationCause
NULL } } } }
```

[步骤27](#)

CUBE-2收到H225从CME的呼叫进行，警告和连接消息，一直然后通过回到Cisco Unified Communications Manager。

(GK-CUBE-2.txt)

```
026577: *Sep 24 12:43:19.895: H225.0 INCOMING PDU ::=
value H323_UserInformation ::=
{
  h323-uu-pdu
  {
    h323-message-body callProceeding : { protocolIdentifier { 0 0 8 2250 0 4 }
destinationInfo { vendor { vendor { t35CountryCode 181 t35Extension 0 manufacturerCode 18 } }
gateway { protocol { voice : { supportedPrefixes { { prefix dialedDigits : "3#" } } } }, h323 : {
supportedPrefixes { } } } } mc FALSE undefinedNode FALSE } callIdentifier { guid
'006E38C43570518C030003010E32CA1F'H } multipleCalls TRUE maintainConnection TRUE } h245Tunneling
FALSE nonStandardControl { { nonStandardIdentifier h221NonStandard : { t35CountryCode 181
t35Extension 0 manufacturerCode 18 } data '80A1001127F8000000000000000000000000000000000000000000000000000000...'H } } } }
026578: *Sep 24 12:43:19.919: H225 NONSTD INCOMING ENCODE BUFFER::=
80A1001127F8000000000000000000000000000000000000000000000000000000 026579: *Sep 24 12:43:19.919: 026580: *Sep 24
12:43:19.919: H225 NONSTD INCOMING PDU ::= value H323_UU_NonStdInfo ::= { rsvpParam rsvpInfo : {
qosIE { audio-rport 0 video-rport 0 audio-lport 0 video-lport 0 media-ip-addr 0 remote-qos-
video-bw 0 remote-qos-audio-bw 0 remote-qos-video 0 } } } 026581: *Sep 24 12:43:19.923: //-
1/xxxxxxxxxxxxxx/H323/cch323_h225_receiver: Received msg of type CALLPROCIND_CHOSEN 026582: *Sep
24 12:43:19.923: //-1/xxxxxxxxxxxxxx/H323/cch323_decode_qos_info: media_ip_addr: 0x0,
remote_qos_video: 0, audio_lport: 0, audio_rport: 0, video: 0, video_lport: 0, video_rport: 0,
remote_qos_audio_bw: 0, remote_qos_video_bw: 0 026583: *Sep 24 12:43:19.923:
//24/006E38C40300/H323/callproc_ind: ===== PI = 0 026584: *Sep 24 12:43:19.923:
//24/006E38C40300/H323/cch323_h225_receiver: CALLPROCIND_CHOSEN: src address = 14.1.123.95; dest
address = 14.1.125.125 026585: *Sep 24 12:43:19.927: //24/006E38C40300/H323/run_h225_sm:
Received event H225_EV_CALLPROC_IND while at state H225_SETUP 026586: *Sep 24 12:43:19.927:
//24/006E38C40300/H323/callproc_notify: Peer not ready so not starting TCP 026587: *Sep 24
12:43:19.927: //24/006E38C40300/CCAPI/cc_api_call_proceeding: Interface=0x855A8B64, Progress
Indication=NULL(0) 026596: *Sep 24 12:43:19.935: H225.0 INCOMING PDU ::= value
H323_UserInformation ::= { h323-uu-pdu { h323-message-body alerting : { protocolIdentifier { 0 0
8 2250 0 4 } destinationInfo { vendor { vendor { t35CountryCode 181 t35Extension 0
manufacturerCode 18 } } gateway { protocol { voice : { supportedPrefixes { { prefix dialedDigits
: "3#" } } } }, h323 : { supportedPrefixes { } } } } } mc FALSE undefinedNode FALSE } callIdentifier
{ guid '006E38C43570518C030003010E32CA1F'H } multipleCalls TRUE maintainConnection TRUE }
h245Tunneling FALSE } } 026597: *Sep 24 12:43:19.951: //-
```



```
1/xxxxxxxxxxxxx/H323/cch323_h225_receiver: Received msg of type ALERTIND_CHOSEN 026598: *Sep 24
12:43:19.951: //24/006E38C40300/H323/alert_ind: ===== PI = 0 026599: *Sep 24 12:43:19.951:
//24/006E38C40300/H323/alert_ind: alert ind ie_bit_mask 0x5A60, displayInfo 026600: *Sep 24
12:43:19.955: //24/006E38C40300/H323/alert_ind: Rcvd ALERT Display Info IE = 026601: *Sep 24
12:43:19.955: //24/006E38C40300/H323/alert_ind: delay H245 address in alert 026602: *Sep 24
12:43:19.955: //24/006E38C40300/H323/cch323_h225_receiver: ALERTIND_CHOSEN: src address =
14.1.123.95; dest address = 14.1.125.125 026603: *Sep 24 12:43:19.955:
//24/006E38C40300/H323/run_h225_sm: Received event H225_EV_ALERT_IND while at state
H225_CALLPROC 026604: *Sep 24 12:43:19.955: //24/006E38C40300/H323/generic_alert_notify: aData
display_info 026605: *Sep 24 12:43:19.955: //24/006E38C40300/CCAPI/cc_api_set_delay_xport:
CallInfo(delay xport=TRUE) 026606: *Sep 24 12:43:19.955:
//24/006E38C40300/CCAPI/cc_api_call_alert: Interface=0x855A8B64, Progress Indication=NULL(0),
Signal Indication=SIGNAL RINGBACK(1) 026607: *Sep 24 12:43:19.955:
//24/006E38C40300/CCAPI/cc_api_call_alert: Call Entry(Retry Count=0, Responded=TRUE) 026608:
*Sep 24 12:43:19.959: //24/006E38C40300/H323/cch323_h225_set_new_state: Changing from
H225_CALLPROC state to H225_ALERT state 026609: *Sep 24 12:43:19.959:
h323chan_chn_process_read_socket 026610: *Sep 24 12:43:19.959: h323chan_chn_process_read_socket:
fd=4 of type CONNECTED has data 026611: *Sep 24 12:43:19.959: h323chan_chn_process_read_socket:
h323chan accepted/connected fd=4 026612: *Sep 24 12:43:19.959: H225.0 INCOMING ENCODE BUFFER::=
28501900060008914A 000400006E38C43570518C030003010E32CA1F10800100 026613: *Sep 24 12:43:19.959:
026614: *Sep 24 12:43:19.959: H225.0 INCOMING PDU ::= value H323_UserInformation ::= { h323-uu-
pdu { h323-message-body notify : { protocolIdentifier { 0 0 8 2250 0 4 } callIdentifier { guid
'006E38C43570518C030003010E32CA1F'H } } h245Tunneling FALSE } } 026615: *Sep 24 12:43:19.967:
//-1/xxxxxxxxxxxxx/H323/cch323_h225_receiver: Received msg of type NOTIFYIND_CHOSEN 026616: *Sep
24 12:43:19.967: //24/006E38C40300/H323/notify_ind: Rcvd NOTIFY Display Info IE = 026617: *Sep
24 12:43:19.967: //24/006E38C40300/H323/notify_ind: Rcvd NOTIFY Notification Indicator IE = 113
026618: *Sep 24 12:43:19.967: //24/006E38C40300/H323/notify_ind: Rcvd NOTIFY Connected Number as
IE 026619: *Sep 24 12:43:19.967: //24/006E38C40300/H323/notify_ind: [cnum]/[oct]/[oct3a]=
[4085252000]/[0x00]/[0x00] 026620: *Sep 24 12:43:19.967: //24/006E38C40300/H323/notify_ind:
Notify data embedded, mask=0x00000007 026621: *Sep 24 12:43:19.967:
//24/006E38C40300/H323/cch323_h225_receiver: NOTIFYIND_CHOSEN: src address = 14.1.123.95; dest
address = 14.1.125.125 026622: *Sep 24 12:43:19.967: //24/006E38C40300/H323/run_h225_sm:
Received event H225_EV_NOTIFY_IND while at state H225_ALERT 026623: *Sep 24 12:43:19.967:
//24/006E38C40300/H323/notify_msg_notify: Notify data found, mask=0x00000007 026624: *Sep 24
12:43:19.967: //24/006E38C40300/CCAPI/cc_api_call_notify: Data Bitmask=0x7,
Interface=0x855A8B64, Call Id=24 026625: *Sep 24 12:43:19.971:
//23/006E38C40300/CCAPI/ccCallAlert: Progress Indication=NULL(0), Signal Indication=SIGNAL
RINGBACK(1) 026626: *Sep 24 12:43:19.975: //23/006E38C40300/CCAPI/ccCallAlert: Call
Entry(Responded=TRUE, AlertSent=TRUE) 026679: *Sep 24 12:43:25.204: H225.0 INCOMING PDU ::=
value H323_UserInformation ::= { h323-uu-pdu { h323-message-body connect : { protocolIdentifier
{ 0 0 8 2250 0 4 } h245Address ipAddress : { ip '0E017D7D'H port 11360 } destinationInfo {
vendor { vendor { t35CountryCode 181 t35Extension 0 manufacturerCode 18 } } gateway { protocol {
voice : { supportedPrefixes { { prefix dialedDigits : "3#" } } }, h323 : { supportedPrefixes {
} } } mc FALSE undefinedNode FALSE } conferenceID '006E38C43570518C030003010E32CA1F'H
callIdentifier { guid '006E38C43570518C030003010E32CA1F'H } multipleCalls TRUE
maintainConnection TRUE } h245Tunneling FALSE } } 026680: *Sep 24 12:43:25.224: //-
1/xxxxxxxxxxxxx/H323/cch323_h225_receiver: Received msg of type SETUPCFM_CHOSEN 026681: *Sep 24
12:43:25.224: //24/006E38C40300/H323/setup_cfm_ind: ===== PI = 0 026682: *Sep 24 12:43:25.224:
//24/006E38C40300/H323/setup_cfm_ind: Set new event H225_EV_SETUP_CFM_IND 026683: *Sep 24
12:43:25.224: //24/006E38C40300/H323/setup_cfm_ind: Rcvd CONNECT Display Info IE = 026684: *Sep
24 12:43:25.228: //24/006E38C40300/H323/cch323_h225_receiver: SETUPCFM_CHOSEN: src address =
14.1.123.95; dest address = 14.1.125.125 026685: *Sep 24 12:43:25.228:
//24/006E38C40300/H323/run_h225_sm: Received event H225_EV_SETUP_CFM_IND while at state
H225_ALERT 026686: *Sep 24 12:43:25.228: //24/006E38C40300/H323/setup_cfm_notify: status =
8000009 026687: *Sep 24 12:43:25.228: //24/006E38C40300/H323/generic_setup_cfm_notify: ===== PI
= 0; status = 88000009 026688: *Sep 24 12:43:25.228:
//24/006E38C40300/CCAPI/cc_api_call_connected: Interface=0x855A8B64, Data Bitmask=0x1, Progress
Indication=NULL(0), Connection Handle=0
```

步骤28

H.245协商发生。音频和视频RTP数据流设立

(GK-CUBE-2.txt)

026833: *Sep 24 12:43:25.889: H245 MSC INCOMING PDU ::=

```
value MultimediaSystemControlMessage ::= request : terminalCapabilitySet :
{
  sequenceNumber 1
  protocolIdentifier { 0 0 8 245 0 10 }
  multiplexCapability h2250Capability :
  {
    maximumAudioDelayJitter 60
    receiveMultipointCapability
    {
      multicastCapability FALSE
      multiUniCastConference FALSE
      mediaDistributionCapability
      {
        {
          centralizedControl FALSE
          distributedControl FALSE
          centralizedAudio FALSE
          distributedAudio FALSE
          centralizedVideo FALSE
          distributedVideo FALSE
        }
      }
    }
    transmitMultipointCapability
    {
      multicastCapability FALSE
      multiUniCastConference FALSE
      mediaDistributionCapability
      {
        {
          centralizedControl FALSE
          distributedControl FALSE
          centralizedAudio FALSE
          distributedAudio FALSE
          centralizedVideo FALSE
          distributedVideo FALSE
        }
      }
    }
    receiveAndTransmitMultipointCapability
    {
      multicastCapability FALSE
      multiUniCastConference FALSE
      mediaDistributionCapability
      {
        {
          centralizedControl FALSE
          distributedControl FALSE
          centralizedAudio FALSE
          distributedAudio FALSE
          centralizedVideo FALSE
          distributedVideo FALSE
        }
      }
    }
  }
  mcCapability
  {
```

```

    centralizedConferenceMC FALSE
    decentralizedConferenceMC FALSE
}
rtcpVideoControlCapability FALSE
mediaPacketizationCapability
{
    h261aVideoPacketization FALSE
}
logicalChannelSwitchingCapability FALSE
t120DynamicPortCapability FALSE
}
capabilityTable
{
    {
        capabilityTableEntryNumber 1
        capability receiveAudioCapability : g722-64k : 60
    },
    {
        capabilityTableEntryNumber 2
        capability receiveAudioCapability : g711Ulaw64k : 40
    },
    {
        capabilityTableEntryNumber 3
        capability receiveAudioCapability : g711Alaw64k : 40
    },
    {
        capabilityTableEntryNumber 4
        capability receiveAudioCapability : g722-56k : 60
    },
    {
        capabilityTableEntryNumber 5
        capability receiveAudioCapability : g722-48k : 60
    },
    {
        capabilityTableEntryNumber 6
        capability receiveAudioCapability : g729wAnnexB : 6
    },
    {
        capabilityTableEntryNumber 7
        capability receiveAudioCapability : g729AnnexAwAnnexB : 6
    },
    {
        capabilityTableEntryNumber 8
        capability receiveAudioCapability : g729 : 6
    },
    {
        capabilityTableEntryNumber 9
        capability receiveAudioCapability : g729AnnexA : 6
    },
    {
        capabilityTableEntryNumber 10
        capability receiveAndTransmitVideoCapability : h263VideoCapability :
        {
            qcifMPI 1
            cifMPI 1
            maxBitRate 3840
            unrestrictedVector FALSE
            arithmeticCoding FALSE
            advancedPrediction FALSE
            pbFrames FALSE
            temporalSpatialTradeOffCapability FALSE
            errorCompensation FALSE
        }
    }
}

```

```

},
{
  capabilityTableEntryNumber 11
  capability receiveAndTransmitVideoCapability : genericVideoCapability :
  {
    capabilityIdentifier standard : { 0 0 8 241 0 0 1 }
    maxBitRate 3840
    collapsing
    {
      {
        parameterIdentifier standard : 41
        parameterValue booleanArray : 64
      },
      {
        parameterIdentifier standard : 42
        parameterValue unsignedMin : 78
      }
    }
  }
},
{
  capabilityTableEntryNumber 12
  capability receiveAndTransmitUserInputCapability : dtmf : NULL
},
{
  capabilityTableEntryNumber 13
  capability receiveAndTransmitUserInputCapability : basicString : NULL
},
{
  capabilityTableEntryNumber 44
  capability receiveAndTransmitUserInputCapability : hookflash : NULL
}
}
capabilityDescriptors
{
  {
    capabilityDescriptorNumber 0
    simultaneousCapabilities
    {
      {
        1,
        2,
        3,
        4,
        5,
        6,
        7,
        8,
        9
      },
      {
        10,
        11
      },
      {
        12,
        13
      },
    }
  }
}

```

```
    {
      44
    }
  }
}
}
```

```
026834: *Sep 24 12:43:25.945: h245_decode_one_pdu: H245ASNDecodePdu rc = 0,
      bytesLeftToDecode = 0
026835: *Sep 24 12:43:25.949: h245_decode_one_pdu: Read Pkt body: more_pdu:0
      rc:0 asn_rc:0
026836: *Sep 24 12:43:25.949: //23/006E38C40300/H323/cch323_h245_cap_ind:
      Masks au=0x7000180F data=0x0 uinp=0x32
026837: *Sep 24 12:43:25.949: //23/006E38C40300/H323/cch323_run_h245_cap_in_sm:
      Received H245_EVENT_CAP_IND while at state IDLE
026838: *Sep 24 12:43:25.949: //23/006E38C40300/H323/h245_cap_in_set_new_state:
      changing from IDLE state to AWAITING_RESPONSE state
026839: *Sep 24 12:43:25.949: //23/006E38C40300/H323/run_h245_iwf_sm:
      received IWF_EV_CAP_IND while at state IWF_H245_CONNECTED
026840: *Sep 24 12:43:25.949: //23/006E38C40300/H323/h245_handle_cap_ind:
      TCS received from remote end. Setting h245 status flag H245_CAP_REQUEST_RCVD
026841: *Sep 24 12:43:25.953: //23/006E38C40300/H323/cch323_iwf_cap_notify:
      Mask sent to other leg=1
026842: *Sep 24 12:43:25.953: //23/006E38C40300/CCAPI/cc_api_caps_ind:
      Destination Interface=0x855A8B64, Destination Call Id=24, Source Call Id=23,
      Caps(Codec=0x1, Fax Rate=0x2, Vad=0x2,
      Modem=0x0, Codec Bytes=20, Signal Type=2)
026843: *Sep 24 12:43:25.953: //23/006E38C40300/CCAPI/cc_api_caps_ind:
      Caps(Playout Mode=1, Playout Initial=60(ms), Playout Min=40(ms),
      Playout Max=250(ms), Fax Nom=300(ms))
026844: *Sep 24 12:43:25.953: //23/006E38C40300/H323/h245_iwf_set_new_state:
      changing from IWF_H245_CONNECTED state to IWF_AWAIT_PEER_CAP state
026845: *Sep 24 12:43:25.957: //24/006E38C40300/H323/cch323_peer_caps_ind_common:
      Update the audio mask: old mask=0x7800EBF7; new mask=0x1
026846: *Sep 24 12:43:25.957: //24/006E38C40300/H323/cch323_peer_caps_ind_common:
      ExtendedCaps present
026847: *Sep 24 12:43:25.957:
      //24/006E38C40300/H323/cch323_prepare_preferred_codec_list: Munging caps: 5:1:1
026848: *Sep 24 12:43:25.957:
      //24/006E38C40300/H323/cch323_prepare_preferred_codec_list: Final mask=1
026849: *Sep 24 12:43:25.957:
      //24/006E38C40300/H323/cch323_prepare_preferred_codec_list:
      Copying codec list from extended caps into CCB
026850: *Sep 24 12:43:25.957:
      //24/006E38C40300/H323/run_h245_iwf_sm:
      received IWF_EV_PEER_CAPS_IND while at state IWF_IDLE
026851: *Sep 24 12:43:25.957:
      //24/006E38C40300/H323/cch323_send_event_to_h245_connection_sm:
      Changing to new event H245_CONNECT_REQ_EVENT
026852: *Sep 24 12:43:25.957:
      //24/006E38C40300/H323/cch323_h245_connection_sm:
      state=0, event=1, ccb=8572F6C4, listen state=0
026853: *Sep 24 12:43:25.957:
      //24/006E38C40300/H323/cch323_h245_connection_sm: H245_CONNECT:
      Received event H245_CONNECT_REQ_EVENT while at H245_NONE state
026854: *Sep 24 12:43:25.961:
      //24/006E38C40300/H323/cch323_h245_set_new_state:
      Changing from H245_NONE state to H245_WAITING state
026855: *Sep 24 12:43:25.961:
      //24/006E38C40300/H323/h245_iwf_set_new_state:
      changing from IWF_IDLE state to IWF_AWAIT_H245_CONN state
```

```

026856: *Sep 24 12:43:25.965: h323chan_chn_process_read_socket
026857: *Sep 24 12:43:25.965: h323chan_chn_process_read_socket:
    fd=7 of type CONNECT_PENDING has data
026858: *Sep 24 12:43:25.965:
    //24/006E38C40300/H323/cch323_h245_channel_established_ind:
    Using fd=7 to send msgs
026859: *Sep 24 12:43:25.965:
    //24/006E38C40300/H323/cch323_send_event_to_h245_connection_sm:
    Changing to new event H245_ESTABLISHED_EVENT
026860: *Sep 24 12:43:25.969:
    //24/006E38C40300/H323/cch323_h245_connection_sm:
    state=1, event=2, ccb=8572F6C4, listen state=0
026861: *Sep 24 12:43:25.969:
    //24/006E38C40300/H323/cch323_h245_connection_sm: H245_CONNECT:
    Received event H245_ESTABLISHED_EVENT while at H245_WAITING state
026862: *Sep 24 12:43:25.969:
    //24/006E38C40300/H323/cch323_h245_set_new_state:
    Changing from H245_WAITING state to H245_CONNECTED state
026863: *Sep 24 12:43:25.969:
    //24/006E38C40300/H323/run_h245_iwf_sm:
    received IWF_EV_H245_CONNECTED while at state IWF_AWAIT_H245_CONN
026864: *Sep 24 12:43:25.969:
    //24/006E38C40300/H323/h245_iwf_set_new_state:
    changing from IWF_AWAIT_H245_CONN state to IWF_AWAIT_CAP_MSD_RESP state
026865: *Sep 24 12:43:25.969:
    //24/006E38C40300/H323/cch323_run_h245_cap_out_sm:
    Received H245_EVENT_CAP_REQ while at state IDLE
026866: *Sep 24 12:43:25.969: H245 MSC OUTGOING PDU ::=

```

```

value MultimediaSystemControlMessage ::= request : terminalCapabilitySet :
{
    sequenceNumber 1
    protocolIdentifier { 0 0 8 245 0 10 }
    multiplexCapability h2250Capability :
    {
        maximumAudioDelayJitter 60
        receiveMultipointCapability
        {
            multicastCapability FALSE
            multiUniCastConference FALSE
            mediaDistributionCapability
            {
                {
                    centralizedControl FALSE
                    distributedControl FALSE
                    centralizedAudio FALSE
                    distributedAudio FALSE
                    centralizedVideo FALSE
                    distributedVideo FALSE
                }
            }
        }
        transmitMultipointCapability
        {
            multicastCapability FALSE
            multiUniCastConference FALSE
            mediaDistributionCapability
            {
                {
                    centralizedControl FALSE
                    distributedControl FALSE
                    centralizedAudio FALSE

```

```

        distributedAudio FALSE
        centralizedVideo FALSE
        distributedVideo FALSE
    }
}
receiveAndTransmitMultipointCapability
{
    multicastCapability FALSE
    multiUniCastConference FALSE
    mediaDistributionCapability
    {
        {
            centralizedControl FALSE
            distributedControl FALSE
            centralizedAudio FALSE
            distributedAudio FALSE
            centralizedVideo FALSE
            distributedVideo FALSE
        }
    }
}
mcCapability
{
    centralizedConferenceMC FALSE
    decentralizedConferenceMC FALSE
}
rtcpVideoControlCapability FALSE
mediaPacketizationCapability
{
    h261aVideoPacketization FALSE
}
logicalChannelSwitchingCapability FALSE
t120DynamicPortCapability FALSE
}
capabilityTable
{
    {
        capabilityTableEntryNumber 1
        capability receiveAudioCapability : g722-64k : 60
    },
    {
        capabilityTableEntryNumber 2
        capability receiveAudioCapability : g711Ulaw64k : 40
    },
    {
        capabilityTableEntryNumber 3
        capability receiveAudioCapability : g711Alaw64k : 40
    },
    {
        capabilityTableEntryNumber 4
        capability receiveAudioCapability : g722-56k : 60
    },
    {
        capabilityTableEntryNumber 5
        capability receiveAudioCapability : g722-48k : 60
    },
    {
        capabilityTableEntryNumber 6
        capability receiveAudioCapability : g729wAnnexB : 6
    },
    {

```

```

    capabilityTableEntryNumber 7
    capability receiveAudioCapability : g729AnnexAwAnnexB : 6
  },
  {
    capabilityTableEntryNumber 8
    capability receiveAudioCapability : g729 : 6
  },
  {
    capabilityTableEntryNumber 9
    capability receiveAudioCapability : g729AnnexA : 6
  },
  {
    capabilityTableEntryNumber 10
    capability receiveAndTransmitVideoCapability : h263VideoCapability :
    {
      qcifMPI 1
      cifMPI 1
      maxBitRate 3840
      unrestrictedVector FALSE
      arithmeticCoding FALSE
      advancedPrediction FALSE
      pbFrames FALSE
      temporalSpatialTradeOffCapability FALSE
      errorCompensation FALSE
    }
  },
  {
    capabilityTableEntryNumber 11
    capability receiveAndTransmitVideoCapability : genericVideoCapability :
    {
      capabilityIdentifier standard : { 0 0 8 241 0 0 1 }
      maxBitRate 3840
      collapsing
      {
        {
          parameterIdentifier standard : 41
          parameterValue booleanArray : 64
        },
        {
          parameterIdentifier standard : 42
          parameterValue unsignedMin : 78
        }
      }
    }
  },
  {
    capabilityTableEntryNumber 12
    capability receiveAndTransmitUserInputCapability : dtmf : NULL
  },
  {
    capabilityTableEntryNumber 13
    capability receiveAndTransmitUserInputCapability : basicString : NULL
  },
  {
    capabilityTableEntryNumber 44
    capability receiveAndTransmitUserInputCapability : hookflash : NULL
  }
}
capabilityDescriptors
{
  {
    capabilityDescriptorNumber 0

```



```

simultaneousCapabilities
{
    {
        1,
        2,
        3,
        4,
        5,
        6,
        7,
        8,
        9
    },
    {
        10,
        11
    },
    {
        12,
        13
    },
    {
        44
    }
}
}
}
}
}

```

```

026867: *Sep 24 12:43:26.029: H245 MSC OUTGOING ENCODE BUFFER:= 02700106000
88175000A801380003C0001000001000001000000CC0010001000D80000021403B80000120C02
780000220402780000321803B80000421C03B800005240001058000062408010580000722800
580000822C00580000919D800080EFF007040010080000A1C001560000700088171000001400
F000202914002A2004E80000B85014080000C85011080002B850150008000030800000001000
2000300040005000600070008010009000A01000B000C00002B
026868: *Sep 24 12:43:26.029:
026869: *Sep 24 12:43:26.033: //24/006E38C40300/H323/cch323_send_cap_request:
Send caps in passthru mode: retcode 0
026870: *Sep 24 12:43:26.033: //24/006E38C40300/H323/h245_cap_out_set_new_state:
changing from IDLE state to AWAITING_RESPONSE state
026871: *Sep 24 12:43:26.033: h323chan_chn_process_read_socket
026872: *Sep 24 12:43:26.033: h323chan_chn_process_read_socket: fd=7 of type
CONNECTED has data
026873: *Sep 24 12:43:26.037: h323chan_chn_process_read_socket: h323chan
accepted/connected fd=7

026874: *Sep 24 12:43:26.037: h323chan_chn_process_read_socket
026875: *Sep 24 12:43:26.041: h323chan_chn_process_read_socket:
fd=7 of type CONNECTED has data
026876: *Sep 24 12:43:26.041: h323chan_chn_process_read_socket:
h323chan accepted/connected fd=7

026877: *Sep 24 12:43:26.041: h245_decode_one_pdu: more_pdus = 0,
bytesLeftToDecode = 127
026878: *Sep 24 12:43:26.041: H245 MSC INCOMING ENCODE BUFFER:= 02700106000
88175000780138000140001000001000001000000CC0010001000680000218A061404302D31368
000184810B50000120C52747044746D6652656C6179000080001E83015080001D83014080001
A83011080000220C01380002609D800083A97007040010000800103000002000026030021001

```

D001A001800001E

026879: *Sep 24 12:43:26.041:

026880: *Sep 24 12:43:26.045: H245 MSC INCOMING PDU ::=

```
value MultimediaSystemControlMessage ::= request : terminalCapabilitySet :
{
  sequenceNumber 1
  protocolIdentifier { 0 0 8 245 0 7 }
  multiplexCapability h2250Capability :
  {
    maximumAudioDelayJitter 20
    receiveMultipointCapability
    {
      multicastCapability FALSE
      multiUniCastConference FALSE
      mediaDistributionCapability
      {
        {
          centralizedControl FALSE
          distributedControl FALSE
          centralizedAudio FALSE
          distributedAudio FALSE
          centralizedVideo FALSE
          distributedVideo FALSE
        }
      }
    }
    transmitMultipointCapability
    {
      multicastCapability FALSE
      multiUniCastConference FALSE
      mediaDistributionCapability
      {
        {
          centralizedControl FALSE
          distributedControl FALSE
          centralizedAudio FALSE
          distributedAudio FALSE
          centralizedVideo FALSE
          distributedVideo FALSE
        }
      }
    }
    receiveAndTransmitMultipointCapability
    {
      multicastCapability FALSE
      multiUniCastConference FALSE
      mediaDistributionCapability
      {
        {
          centralizedControl FALSE
          distributedControl FALSE
          centralizedAudio FALSE
          distributedAudio FALSE
          centralizedVideo FALSE
          distributedVideo FALSE
        }
      }
    }
  }
  mcCapability
  {
```

```

    centralizedConferenceMC FALSE
    decentralizedConferenceMC FALSE
}
rtcpVideoControlCapability FALSE
mediaPacketizationCapability
{
    h261aVideoPacketization FALSE
}
logicalChannelSwitchingCapability FALSE
t120DynamicPortCapability FALSE
}
capabilityTable
{
    {
        capabilityTableEntryNumber 34
        capability receiveRTPAudioTelephonyEventCapability :
        {
            dynamicRTPPayloadType 101
            audioTelephoneEvent "0-16"
        }
    },
    {
        capabilityTableEntryNumber 25
        capability receiveAndTransmitDataApplicationCapability :
        {
            application nonStandard :
            {
                nonStandardIdentifier h221NonStandard :
                {
                    t35CountryCode 181
                    t35Extension 0
                    manufacturerCode 18
                }
                data '52747044746D6652656C6179'H
            }
            maxBitRate 0
        }
    },
    {
        capabilityTableEntryNumber 31
        capability receiveUserInputCapability : hookflash : NULL
    },
    {
        capabilityTableEntryNumber 30
        capability receiveUserInputCapability : dtmf : NULL
    },
    {
        capabilityTableEntryNumber 27
        capability receiveUserInputCapability : basicString : NULL
    },
    {
        capabilityTableEntryNumber 3
        capability receiveAudioCapability : g711Ulaw64k : 20
    },
    {
        capabilityTableEntryNumber 39
        capability receiveVideoCapability : h263VideoCapability :
        {
            qcifMPI 1
            cifMPI 1
            maxBitRate 15000
            unrestrictedVector FALSE
            arithmeticCoding FALSE
        }
    }
}

```

```

        advancedPrediction FALSE
        pbFrames FALSE
        temporalSpatialTradeOffCapability FALSE
        errorCompensation FALSE
    }
}
}
capabilityDescriptors
{
    {
        capabilityDescriptorNumber 1
        simultaneousCapabilities
        {
            {
                3
            },
            {
                39
            },
            {
                34,
                30,
                27,
                25
            },
            {
                31
            }
        }
    }
}

```

```

026881: *Sep 24 12:43:26.089: h245_decode_one_pdu:
      H245ASNDcodePdu rc = 0, bytesLeftToDecode = 0
026882: *Sep 24 12:43:26.093: h245_decode_one_pdu:
      Read Pkt body: more_pdus:0 rc:0 asn_rc:0
026883: *Sep 24 12:43:26.093: //24/006E38C40300/H323/cch323_h245_cap_ind:
      Masks au=0x1 data=0x2 uinp=0x32
026884: *Sep 24 12:43:26.093: //24/006E38C40300/H323/cch323_run_h245_cap_in_sm:
      Received H245_EVENT_CAP_IND while at state IDLE
026885: *Sep 24 12:43:26.093: //24/006E38C40300/H323/h245_cap_in_set_new_state:
      changing from IDLE state to AWAITING_RESPONSE state
026886: *Sep 24 12:43:26.097: //24/006E38C40300/H323/run_h245_iwf_sm:
      received IWF_EV_CAP_IND while at state IWF_AWAIT_CAP_MSD_RESP
026887: *Sep 24 12:43:26.097: //24/006E38C40300/H323/h245_handle_cap_ind:
      TCS received from remote end. Setting h245 status flag H245_CAP_REQUEST_RCVD
026888: *Sep 24 12:43:26.097: //24/006E38C40300/H323/cch323_iwf_cap_notify:
      Mask sent to other leg=1
026889: *Sep 24 12:43:26.097: //24/006E38C40300/CCAPI/cc_api_caps_ind:
      Destination Interface=0x855A8B64, Destination Call Id=23, Source Call Id=24,
      Caps(Codec=0x1, Fax Rate=0x2, Vad=0x2,
      Modem=0x0, Codec Bytes=20, Signal Type=2)
026890: *Sep 24 12:43:26.097: //24/006E38C40300/CCAPI/cc_api_caps_ind:
      Caps(Playout Mode=1, Playout Initial=60(ms), Playout Min=40(ms),
      Playout Max=250(ms), Fax Nom=300(ms))
026891: *Sep 24 12:43:26.097: h323chan_chn_process_read_socket

```

```

026892: *Sep 24 12:43:26.101: h323chan_chn_process_read_socket:
      fd=7 of type CONNECTED has data
026893: *Sep 24 12:43:26.101: h323chan_chn_process_read_socket:
      h323chan accepted/connected fd=7

026894: *Sep 24 12:43:26.101: h245_decode_one_pdu:
      more_pdus = 0, bytesLeftToDecode = 6
026895: *Sep 24 12:43:26.101: H245 MSC INCOMING ENCODE BUFFER::= 01003C40261F
026896: *Sep 24 12:43:26.101:
026897: *Sep 24 12:43:26.101: H245 MSC INCOMING PDU ::=

value MultimediaSystemControlMessage ::= request : masterSlaveDetermination :
  {
    terminalType 60
    statusDeterminationNumber 9759
  }

026898: *Sep 24 12:43:26.101: h245_decode_one_pdu:
      H245ASNDecodePdu rc = 0, bytesLeftToDecode = 0
026899: *Sep 24 12:43:26.105: h245_decode_one_pdu:
      Read Pkt body: more_pdus:0 rc:0 asn_rc:0
026900: *Sep 24 12:43:26.105: //24/006E38C40300/H323/cch323_run_passthru_msdc:
      Received event H245_EVENT_MS_IND
026901: *Sep 24 12:43:26.105: //-1/xxxxxxxxxxxxx/H323/cch323_do_msdc_info:
      callID=24, sending event CC_EV_H245_MSDC_INFO, msdc info ptr 0x854C3870
026902: *Sep 24 12:43:26.105: //24/006E38C40300/CCAPI/cc_api_event_indication:
      Event=146, Call Id=24
026903: *Sep 24 12:43:26.105: //24/006E38C40300/CCAPI/cc_api_event_indication:
      Event Is Sent To Conferenced SPI(s) Directly
026904: *Sep 24 12:43:26.105: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
      callID=23
026905: *Sep 24 12:43:26.105: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
      Event CC_EV_H245_MSDC_INFO: data ptr=0x854C3870
026906: *Sep 24 12:43:26.109: //23/006E38C40300/H323/cch323_peer_caps_ind_common:
      Update the audio mask: old mask=0x7800EBF7; new mask=0x1
026907: *Sep 24 12:43:26.109: //23/006E38C40300/H323/cch323_peer_caps_ind_common:
      ExtendedCaps present
026908: *Sep 24 12:43:26.109:
      //23/006E38C40300/H323/cch323_prepare_preferred_codec_list: Munging caps: 5:1:1
026909: *Sep 24 12:43:26.113:
      //23/006E38C40300/H323/cch323_prepare_preferred_codec_list: Final mask=1
026910: *Sep 24 12:43:26.113:
      //23/006E38C40300/H323/cch323_prepare_preferred_codec_list:
      Copying codec list from extended caps into CCB
026911: *Sep 24 12:43:26.113: //23/006E38C40300/H323/run_h245_iwf_sm:
      received IWF_EV_PEER_CAPS_IND while at state IWF_AWAIT_PEER_CAP
026912: *Sep 24 12:43:26.113: //23/006E38C40300/H323/h245_iwf_set_new_state:
      changing from IWF_AWAIT_PEER_CAP state to IWF_AWAIT_CAP_MSDC_RESP state
026913: *Sep 24 12:43:26.113: //23/006E38C40300/H323/cch323_run_h245_cap_out_sm:
      Received H245_EVENT_CAP_REQ while at state IDLE
026914: *Sep 24 12:43:26.113: H245 MSC OUTGOING PDU ::=

value MultimediaSystemControlMessage ::= request : terminalCapabilitySet :
  {
    sequenceNumber 1
    protocolIdentifier { 0 0 8 245 0 7 }
    multiplexCapability h2250Capability :
    {
      maximumAudioDelayJitter 20
      receiveMultipointCapability
      {
        multicastCapability FALSE
      }
    }
  }

```

```

multiUniCastConference FALSE
mediaDistributionCapability
{
    {
        centralizedControl FALSE
        distributedControl FALSE
        centralizedAudio FALSE
        distributedAudio FALSE
        centralizedVideo FALSE
        distributedVideo FALSE
    }
}
transmitMultipointCapability
{
    multicastCapability FALSE
    multiUniCastConference FALSE
    mediaDistributionCapability
    {
        {
            centralizedControl FALSE
            distributedControl FALSE
            centralizedAudio FALSE
            distributedAudio FALSE
            centralizedVideo FALSE
            distributedVideo FALSE
        }
    }
}
receiveAndTransmitMultipointCapability
{
    multicastCapability FALSE
    multiUniCastConference FALSE
    mediaDistributionCapability
    {
        {
            centralizedControl FALSE
            distributedControl FALSE
            centralizedAudio FALSE
            distributedAudio FALSE
            centralizedVideo FALSE
            distributedVideo FALSE
        }
    }
}
mcCapability
{
    centralizedConferenceMC FALSE
    decentralizedConferenceMC FALSE
}
rtcpVideoControlCapability FALSE
mediaPacketizationCapability
{
    h261aVideoPacketization FALSE
}
logicalChannelSwitchingCapability FALSE
t120DynamicPortCapability FALSE
}
capabilityTable
{

```

```

{
  capabilityTableEntryNumber 34
  capability receiveRTPAudioTelephonyEventCapability :
  {
    dynamicRTPPayloadType 101
    audioTelephoneEvent "0-16"
  }
},
{
  capabilityTableEntryNumber 25
  capability receiveAndTransmitDataApplicationCapability :
  {
    application nonStandard :
    {
      nonStandardIdentifier h221NonStandard :
      {
        t35CountryCode 181
        t35Extension 0
        manufacturerCode 18
      }
      data '52747044746D6652656C6179'H
    }
    maxBitRate 0
  }
},
{
  capabilityTableEntryNumber 31
  capability receiveUserInputCapability : hookflash : NULL
},
{
  capabilityTableEntryNumber 30
  capability receiveUserInputCapability : dtmf : NULL
},
{
  capabilityTableEntryNumber 27
  capability receiveUserInputCapability : basicString : NULL
},
{
  capabilityTableEntryNumber 3
  capability receiveAudioCapability : g711Ulaw64k : 20
},
{
  capabilityTableEntryNumber 39
  capability receiveVideoCapability : h263VideoCapability :
  {
    qcifMPI 1
    cifMPI 1
    maxBitRate 15000
    unrestrictedVector FALSE
    arithmeticCoding FALSE
    advancedPrediction FALSE
    pbFrames FALSE
    temporalSpatialTradeOffCapability FALSE
    errorCompensation FALSE
  }
}
}
capabilityDescriptors
{
  {
    capabilityDescriptorNumber 1
    simultaneousCapabilities
    {

```

```

    {
      3
    },
    {
      39
    },
    {
      34,
      30,
      27,
      25
    },
    {
      31
    }
  }
}
}
}

```

```

026915: *Sep 24 12:43:26.161: H245 MSC OUTGOING ENCODE BUFFER ::= 02700106000
      88175000780138000140001000001000001000000CC001000100068000218A061404302D31368
      000184810B50000120C52747044746D6652656C6179000080001E83015080001D83014080001
      A83011080000220C01380002609D800083A97007040010000800103000002000026030021001
      D001A0018000001E

```

```

026916: *Sep 24 12:43:26.161:

```

```

026917: *Sep 24 12:43:26.165: //23/006E38C40300/H323/cch323_send_cap_request:
      Send caps in passthru mode: retcode 0

```

```

026918: *Sep 24 12:43:26.165: //23/006E38C40300/H323/h245_cap_out_set_new_state:
      changing from IDLE state to AWAITING_RESPONSE state

```

```

026919: *Sep 24 12:43:26.165: //23/006E38C40300/H323/cch323_run_passthru_msdc:
      Received event H245_EVENT_MSD

```

```

026920: *Sep 24 12:43:26.165: H245 MSC OUTGOING PDU ::=

```

```

value MultimediaSystemControlMessage ::= request : masterSlaveDetermination :
  {
    terminalType 60
    statusDeterminationNumber 9759
  }

```

```

026921: *Sep 24 12:43:26.169: H245 MSC OUTGOING ENCODE BUFFER ::= 01003C40261F

```

```

026922: *Sep 24 12:43:26.169:

```

```

026923: *Sep 24 12:43:26.169: h323chan_chn_process_read_socket

```

```

026924: *Sep 24 12:43:26.169: h323chan_chn_process_read_socket:

```

```

      fd=7 of type CONNECTED has data

```

```

026925: *Sep 24 12:43:26.169: h323chan_chn_process_read_socket:

```

```

      h323chan accepted/connected fd=7

```

```

026926: *Sep 24 12:43:26.169: h245_decode_one_pdu:

```

```

      more_pdus = 0, bytesLeftToDecode = 3

```

```

026927: *Sep 24 12:43:26.169: H245 MSC INCOMING ENCODE BUFFER ::= 218001

```

```

026928: *Sep 24 12:43:26.169:

```

```

026929: *Sep 24 12:43:26.169: H245 MSC INCOMING PDU ::=

```

```

value MultimediaSystemControlMessage ::= response : terminalCapabilitySetAck :
  {

```



```
sequenceNumber 1
}
```

```
026930: *Sep 24 12:43:26.173: h245_decode_one_pdu:
      H245ASNDecodePdu rc = 0, bytesLeftToDecode = 0
026931: *Sep 24 12:43:26.173: h245_decode_one_pdu:
      Read Pkt body: more_pdus:0 rc:0 asn_rc:0
026932: *Sep 24 12:43:26.173: //24/006E38C40300/H323/cch323_run_h245_cap_out_sm:
      Received H245_EVENT_CAP_CFM while at state AWAITING_RESPONSE
026933: *Sep 24 12:43:26.173: //24/006E38C40300/H323/h245_cap_out_set_new_state:
      changing from AWAITING_RESPONSE state to IDLE state
026934: *Sep 24 12:43:26.173: //24/006E38C40300/H323/run_h245_iwf_sm:
      received IWF_EV_CAP_CFM while at state IWF_AWAIT_CAP_MSD_RESP
026935: *Sep 24 12:43:26.173:
      //24/006E38C40300/H323/h245_iwf_handle_send_caps_ack_to_peer:
      Sending caps ack to other leg
026936: *Sep 24 12:43:26.173:
      //-1/xxxxxxxxxxxx/H323/cch323_do_caps_ack: dstCallID=23, srcCallID=24
026937: *Sep 24 12:43:26.173: //24/006E38C40300/CCAPI/cc_api_caps_ack:
      Destination Interface=0x855A8B64, Destination Call Id=23, Source Call Id=24,
      Caps(Codec=gsmeifr(0x0), Fax Rate=Invalid(0x0), Vad=Invalid(0x0),
      Modem=OFF(0x0), Codec Bytes=0, Signal Type=0, Seq Num Start=0)
026938: *Sep 24 12:43:26.177: //24/006E38C40300/H323/h245_iwf_set_new_state:
      changing from IWF_AWAIT_CAP_MSD_RESP state to IWF_AWAIT_MSD_RESP state
026939: *Sep 24 12:43:26.177: //23/006E38C40300/H323/cch323_peer_caps_ack:
      Sending caps resp event to CAP sm
026940: *Sep 24 12:43:26.177: //23/006E38C40300/H323/run_h245_iwf_sm:
      received IWF_EV_PEER_CAPS_ACK while at state IWF_AWAIT_CAP_MSD_RESP
026941: *Sep 24 12:43:26.177: //23/006E38C40300/H323/cch323_run_h245_cap_in_sm:
      Received H245_EVENT_CAP_RESP while at state AWAITING_RESPONSE
026942: *Sep 24 12:43:26.177: H245 MSC OUTGOING PDU ::=
```

```
value MultimediaSystemControlMessage ::= response : terminalCapabilitySetAck :
{
  sequenceNumber 1
}
```

```
026943: *Sep 24 12:43:26.181: H245 MSC OUTGOING ENCODE BUFFER ::= 218001
026944: *Sep 24 12:43:26.181:
026945: *Sep 24 12:43:26.181: //23/006E38C40300/H323/h245_cap_in_set_new_state:
      changing from AWAITING_RESPONSE state to IDLE state
026946: *Sep 24 12:43:26.330: h323chan_chn_process_read_socket
026947: *Sep 24 12:43:26.330: h323chan_chn_process_read_socket:
      fd=6 of type ACCEPTED has data
026948: *Sep 24 12:43:26.330: h323chan_chn_process_read_socket:
      h323chan accepted/connected fd=6
026949: *Sep 24 12:43:26.330: h245_decode_one_pdu:
      more_pdus = 0, bytesLeftToDecode = 3
026950: *Sep 24 12:43:26.334: H245 MSC INCOMING ENCODE BUFFER ::= 218001
026951: *Sep 24 12:43:26.334:
026952: *Sep 24 12:43:26.334: H245 MSC INCOMING PDU ::=
```

```
value MultimediaSystemControlMessage ::= response : terminalCapabilitySetAck :
{
  sequenceNumber 1
}
```

026953: *Sep 24 12:43:26.334: h245_decode_one_pdu:
H245ASNDecodePdu rc = 0, bytesLeftToDecode = 0
026954: *Sep 24 12:43:26.334: h245_decode_one_pdu:
Read Pkt body: more_pdus:0 rc:0 asn_rc:0
026955: *Sep 24 12:43:26.334: //23/006E38C40300/H323/cch323_run_h245_cap_out_sm:
Received H245_EVENT_CAP_CFM while at state AWAITING_RESPONSE
026956: *Sep 24 12:43:26.334: //23/006E38C40300/H323/h245_cap_out_set_new_state:
changing from AWAITING_RESPONSE state to IDLE state
026957: *Sep 24 12:43:26.338: //23/006E38C40300/H323/run_h245_iwf_sm:
received IWF_EV_CAP_CFM while at state IWF_AWAIT_CAP_MSD_RESP
026958: *Sep 24 12:43:26.338:
//23/006E38C40300/H323/h245_iwf_handle_send_caps_ack_to_peer:
Sending caps ack to other leg
026959: *Sep 24 12:43:26.338: //-1/xxxxxxxxxxxx/H323/cch323_do_caps_ack:
dstCallID=24, srcCallID=23
026960: *Sep 24 12:43:26.338: //23/006E38C40300/CCAPI/cc_api_caps_ack:
Destination Interface=0x855A8B64, Destination Call Id=24, Source Call Id=23,
Caps(Codec=gsmeifr(0x0), Fax Rate=Invalid(0x0), Vad=Invalid(0x0),
Modem=OFF(0x0), Codec Bytes=0, Signal Type=0, Seq Num Start=0)
026961: *Sep 24 12:43:26.338: //23/006E38C40300/H323/h245_iwf_set_new_state:
changing from IWF_AWAIT_CAP_MSD_RESP state to IWF_AWAIT_MSD_RESP state
026962: *Sep 24 12:43:26.342: //24/006E38C40300/H323/cch323_peer_caps_ack:
Sending caps resp event to CAP sm
026963: *Sep 24 12:43:26.342: //24/006E38C40300/H323/run_h245_iwf_sm:
received IWF_EV_PEER_CAPS_ACK while at state IWF_AWAIT_MSD_RESP
026964: *Sep 24 12:43:26.342: //24/006E38C40300/H323/cch323_run_h245_cap_in_sm:
Received H245_EVENT_CAP_RESP while at state AWAITING_RESPONSE
026965: *Sep 24 12:43:26.342: H245 MSC OUTGOING PDU ::=

```
value MultimediaSystemControlMessage ::= response : terminalCapabilitySetAck :  
{  
  sequenceNumber 1  
}
```

026966: *Sep 24 12:43:26.342: H245 MSC OUTGOING ENCODE BUFFER ::= 218001
026967: *Sep 24 12:43:26.346:
026968: *Sep 24 12:43:26.346: //24/006E38C40300/H323/h245_cap_in_set_new_state:
changing from AWAITING_RESPONSE state to IDLE state
026969: *Sep 24 12:43:26.346: h323chan_chn_process_read_socket
026970: *Sep 24 12:43:26.346: h323chan_chn_process_read_socket:
fd=6 of type ACCEPTED has data
026971: *Sep 24 12:43:26.346: h323chan_chn_process_read_socket:
h323chan accepted/connected fd=6

026972: *Sep 24 12:43:26.350: h245_decode_one_pdu:
more_pdus = 0, bytesLeftToDecode = 2
026973: *Sep 24 12:43:26.350: H245 MSC INCOMING ENCODE BUFFER ::= 2080
026974: *Sep 24 12:43:26.350:
026975: *Sep 24 12:43:26.350: H245 MSC INCOMING PDU ::=

```
value MultimediaSystemControlMessage ::= response : masterSlaveDeterminationAck :  
{  
  decision master : NULL  
}
```

026976: *Sep 24 12:43:26.350: h245_decode_one_pdu:
H245ASNDecodePdu rc = 0, bytesLeftToDecode = 0
026977: *Sep 24 12:43:26.350: h245_decode_one_pdu: Read Pkt body:
more_pdus:0 rc:0 asn_rc:0
026978: *Sep 24 12:43:26.350: //23/006E38C40300/H323/cch323_run_passthru_msd:

```
Received event H245_EVENT_MS_CFM
026979: *Sep 24 12:43:26.350: //-1/xxxxxxxxxxxxx/H323/cch323_do_msd_info:
      callID=23, sending event CC_EV_H245_MSD_INFO, msd info ptr 0x854C36E4
026980: *Sep 24 12:43:26.354: //23/006E38C40300/CCAPI/cc_api_event_indication:
      Event=146, Call Id=23
026981: *Sep 24 12:43:26.354: //23/006E38C40300/CCAPI/cc_api_event_indication:
      Event Is Sent To Conferenced SPI(s) Directly
026982: *Sep 24 12:43:26.354: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
      callID=24
026983: *Sep 24 12:43:26.354: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
      Event CC_EV_H245_MSD_INFO: data ptr=0x854C36E4
026984: *Sep 24 12:43:26.354: //24/006E38C40300/H323/cch323_run_passthru_msd:
      Received event H245_EVENT_MS_DET_RSP
026985: *Sep 24 12:43:26.354: H245 MSC OUTGOING PDU ::=

value MultimediaSystemControlMessage ::= response : masterSlaveDeterminationAck :
  {
    decision master : NULL
  }

026986: *Sep 24 12:43:26.358: H245 MSC OUTGOING ENCODE BUFFER ::= 2080
026987: *Sep 24 12:43:26.358:
026988: *Sep 24 12:43:26.358: //24/006E38C40300/H323/run_h245_iwf_sm:
      received IWF_EV_MSD_CFM while at state IWF_AWAIT_MSD_RESP
026989: *Sep 24 12:43:26.358: //24/006E38C40300/H323/h245_iwf_handle_init_olc:
      No channel info avail
026990: *Sep 24 12:43:26.358: //24/006E38C40300/H323/h245_iwf_set_new_state:
      changing from IWF_AWAIT_MSD_RESP state to IWF_ACTIVE state
026991: *Sep 24 12:43:26.366: h323chan_chn_process_read_socket
026992: *Sep 24 12:43:26.366: h323chan_chn_process_read_socket:
      fd=7 of type CONNECTED has data
026993: *Sep 24 12:43:26.366: h323chan_chn_process_read_socket:
      h323chan accepted/connected fd=7

026994: *Sep 24 12:43:26.366: h245_decode_one_pdu:
      more_pdus = 0, bytesLeftToDecode = 2
026995: *Sep 24 12:43:26.366: H245 MSC INCOMING ENCODE BUFFER ::= 20A0
026996: *Sep 24 12:43:26.366:
026997: *Sep 24 12:43:26.366: H245 MSC INCOMING PDU ::=

value MultimediaSystemControlMessage ::= response : masterSlaveDeterminationAck :
  {
    decision slave : NULL
  }

026998: *Sep 24 12:43:26.370: h245_decode_one_pdu:
      H245ASNDecodePdu rc = 0, bytesLeftToDecode = 0
026999: *Sep 24 12:43:26.370: h245_decode_one_pdu:
      Read Pkt body: more_pdus:0 rc:0 asn_rc:0
027000: *Sep 24 12:43:26.370: //24/006E38C40300/H323/cch323_run_passthru_msd:
      Received event H245_EVENT_MS_CFM
027001: *Sep 24 12:43:26.370: //-1/xxxxxxxxxxxxx/H323/cch323_do_msd_info:
      callID=24, sending event CC_EV_H245_MSD_INFO, msd info ptr 0x854C3870
027002: *Sep 24 12:43:26.370: //24/006E38C40300/CCAPI/cc_api_event_indication:
      Event=146, Call Id=24
027003: *Sep 24 12:43:26.370: //24/006E38C40300/CCAPI/cc_api_event_indication:
      Event Is Sent To Conferenced SPI(s) Directly
027004: *Sep 24 12:43:26.370: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
      callID=23
027005: *Sep 24 12:43:26.370: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
```

```
Event CC_EV_H245_MSD_INFO: data ptr=0x854C3870
027006: *Sep 24 12:43:26.374: //23/006E38C40300/H323/cch323_run_passthru_msd:
Received event H245_EVENT_MS_DET_RSP
027007: *Sep 24 12:43:26.374: H245 MSC OUTGOING PDU ::=

value MultimediaSystemControlMessage ::= response : masterSlaveDeterminationAck :
{
  decision slave : NULL
}
```

```
027008: *Sep 24 12:43:26.378: H245 MSC OUTGOING ENCODE BUFFER::= 20A0
027009: *Sep 24 12:43:26.378:
027010: *Sep 24 12:43:26.378: //23/006E38C40300/H323/run_h245_iwf_sm:
received IWF_EV_MSD_CFM while at state IWF_AWAIT_MSD_RESP
027011: *Sep 24 12:43:26.378: //23/006E38C40300/H323/h245_iwf_handle_init_olc:
No channel info avail
027012: *Sep 24 12:43:26.378: //23/006E38C40300/H323/h245_iwf_set_new_state:
changing from IWF_AWAIT_MSD_RESP state to IWF_ACTIVE state
027013: *Sep 24 12:43:26.378: h323chan_chn_process_read_socket
027014: *Sep 24 12:43:26.378: h323chan_chn_process_read_socket:
fd=7 of type CONNECTED has data
027015: *Sep 24 12:43:26.378: h323chan_chn_process_read_socket:
h323chan accepted/connected fd=7

027016: *Sep 24 12:43:26.382: h245_decode_one_pdu:
more_pdus = 0, bytesLeftToDecode = 20
027017: *Sep 24 12:43:26.382: H245 MSC INCOMING ENCODE BUFFER::=
0300000000C6013800B050001000E017D7D420900
027018: *Sep 24 12:43:26.382:
027019: *Sep 24 12:43:26.382: H245 MSC INCOMING PDU ::=
```

```
value MultimediaSystemControlMessage ::= request : openLogicalChannel :
{
  forwardLogicalChannelNumber 1
  forwardLogicalChannelParameters
  {
    dataType audioData : g711Ulaw64k : 20
    multiplexParameters h2250LogicalChannelParameters :
    {
      sessionID 1
      mediaControlChannel unicastAddress : ipAddress :
      {
        network '0E017D7D'H
        tsapIdentifier 16905
      }
      silenceSuppression FALSE
    }
  }
}
```

```
027020: *Sep 24 12:43:26.386: h245_decode_one_pdu:
H245ASNDecodePdu rc = 0, bytesLeftToDecode = 0
027021: *Sep 24 12:43:26.390: h245_decode_one_pdu:
Read Pkt body: more_pdus:0 rc:0 asn_rc:0
027022: *Sep 24 12:43:26.390: //24/006E38C40300/H323/cch323_h245_uchan_ind:
chan_type 1: chan_num 1
027023: *Sep 24 12:43:26.390:
//24/006E38C40300/H323/cch323_h245_find_r_allocate_olc_instance:
Using existing OLC instance
027024: *Sep 24 12:43:26.390: //24/006E38C40300/H323/cch323_h245_uchan_ind:
```

```
channel_number: 1
027025: *Sep 24 12:43:26.390: //24/006E38C40300/H323/cch323_h245_uchan_ind:
    h245_rport_tx using RTCP port
027026: *Sep 24 12:43:26.390: //24/006E38C40300/H323/h245_olc_in_sm:
    Received H245_EV_OLC_IND while at state H245_OLC_IN_STATE_IDLE
027027: *Sep 24 12:43:26.390: //24/006E38C40300/H323/h245_olc_in_set_new_state:
    Changing from H245_OLC_IN_STATE_IDLE state to H245_OLC_IN_STATE_AWAIT_EST state
027028: *Sep 24 12:43:26.390: //24/006E38C40300/H323/run_h245_iwf_sm:
    received IWF_EV_OLC_EST_IND while at state IWF_OLC_IDLE
027029: *Sep 24 12:43:26.390:
    //24/006E38C40300/H323/h245_iwf_build_olc_temp_channel_array:
    tempChannelArray=0x860420C0
027030: *Sep 24 12:43:26.394: //24/006E38C40300/H323/h245_iwf_validate_olc:
    ch=1 non-besteffort=0 sync=0 is_ipip=1, nonsync_rsvp=0
027031: *Sep 24 12:43:26.394: //24/006E38C40300/H323/h245_iwf_validate_olc:
    chanNum 1 BW tx:rx(640:640) is not a passthru channel
027032: *Sep 24 12:43:26.394:
    //24/006E38C40300/H323/cch323_selected_codec_req_more_bw:
    BW approved=7680 inuse=1280
027033: *Sep 24 12:43:26.394: //24/006E38C40300/H323/estIndOlcIdle:
    Sending olc ind trigger to peer side
027034: *Sep 24 12:43:26.394: //24/006E38C40300/H323/cch323_do_open_channel_ind:
    Sending event CC_EV_H245_OPEN_CHANNEL_IND, channelInfo pointer 0x860420C0
027035: *Sep 24 12:43:26.394: //24/006E38C40300/CCAPI/cc_api_event_indication:
    Event=141, Call Id=24
027036: *Sep 24 12:43:26.394: //24/006E38C40300/CCAPI/cc_api_event_indication:
    Event Is Sent To Conferenced SPI(s) Directly
027037: *Sep 24 12:43:26.394: //-1/xxxxxxxxxxxx/H323/cch245_event_handler:
    callID=23
027038: *Sep 24 12:43:26.394: //-1/xxxxxxxxxxxx/H323/cch245_event_handler:
    Event CC_EV_H245_OPEN_CHANNEL_IND received, channelInfo ptr 0x860420C0
027039: *Sep 24 12:43:26.398: //-1/xxxxxxxxxxxx/H323/cch323_open_channel_ind:
    Entry, callID=23
027040: *Sep 24 12:43:26.398: //24/006E38C40300/H323/h245_iwf_set_new_state:
    changing from IWF_OLC_IDLE state to IWF_OLC_AWAIT_PEER_ACK state
027041: *Sep 24 12:43:26.398: //23/006E38C40300/H323/cch323_peer_channel_ind:
    chn info coming in chn_ind()
027042: *Sep 24 12:43:26.398: //23/006E38C40300/H323/cch323_peer_channel_ind:
    Giving event to SLOW start logic: 1
027043: *Sep 24 12:43:26.398: //23/006E38C40300/H323/cch323_peer_channel_ind:
    chan_type 1, chan_num 1
027044: *Sep 24 12:43:26.398: //23/006E38C40300/H323/cch323_h245_get_olc_instance:
    Using existing OLC instance
027045: *Sep 24 12:43:26.398: //23/006E38C40300/H323/run_h245_iwf_sm:
    received IWF_EV_PEER_CHN_IND while at state IWF_OLC_IDLE
027046: *Sep 24 12:43:26.398:
    //23/006E38C40300/H323/cch323_selected_codec_req_more_bw:
    BW approved=7680 inuse=1280
027047: *Sep 24 12:43:26.402: //23/006E38C40300/H323/h245_olc_out_sm:
    Received H245_EV_OLC_EST_REQ while at state H245_OLC_OUT_STATE_IDLE
027048: *Sep 24 12:43:26.402: //23/006E38C40300/H323/h245_olc_out_set_new_state:
    Changing from H245_OLC_OUT_STATE_IDLE state to H245_OLC_OUT_STATE_AWAIT_EST state
027049: *Sep 24 12:43:26.402: //23/006E38C40300/H323/estReqOutIdle:
    lcl chn codec = 0x5, codec_bytes = 160
027050: *Sep 24 12:43:26.402: //23/006E38C40300/H323/cch323_send_olc_passthru:
    ccb channel 1
027051: *Sep 24 12:43:26.402: //23/006E38C40300/H323/cch323_send_olc_passthru:
    Use the flow thru address
027052: *Sep 24 12:43:26.402: H245 MSC OUTGOING PDU ::=

value MultimediaSystemControlMessage ::= request : openLogicalChannel :
{
    forwardLogicalChannelNumber 1
    forwardLogicalChannelParameters
```

```

{
  dataType audioData : g711Ulaw64k : 20
  multiplexParameters h2250LogicalChannelParameters :
  {
    sessionID 1
    mediaControlChannel unicastAddress : ipAddress :
    {
      network '0E017B5F'H
      tsapIdentifier 19497
    }
    silenceSuppression FALSE
  }
}

```

027053: *Sep 24 12:43:26.410: H245 MSC OUTGOING ENCODE BUFFER::=
030000000C6013800B050001000E017B5F4C2900

027054: *Sep 24 12:43:26.410:

027055: *Sep 24 12:43:26.410: //23/006E38C40300/H323/cch323_send_olc_passthru:
Sent OLC in passthru mode: retcode 0

027056: *Sep 24 12:43:26.410: //23/006E38C40300/H323/h245_iwf_set_new_state:
changing from IWF_OLC_IDLE state to IWF_OLC_AWAIT_EST_CFM state

027057: *Sep 24 12:43:26.450: h323chan_chn_process_read_socket

027058: *Sep 24 12:43:26.450: h323chan_chn_process_read_socket:
fd=6 of type ACCEPTED has data

027059: *Sep 24 12:43:26.454: h323chan_chn_process_read_socket:
h323chan accepted/connected fd=6

027060: *Sep 24 12:43:26.454: h245_decode_one_pdu:
more_pdus = 0, bytesLeftToDecode = 20

027061: *Sep 24 12:43:26.454: H245 MSC INCOMING ENCODE BUFFER::=
030000000C6013800B050001000E32C911402300

027062: *Sep 24 12:43:26.454:

027063: *Sep 24 12:43:26.454: H245 MSC INCOMING PDU ::=

```

value MultimediaSystemControlMessage ::= request : openLogicalChannel :
{
  forwardLogicalChannelNumber 1
  forwardLogicalChannelParameters
  {
    dataType audioData : g711Ulaw64k : 20
    multiplexParameters h2250LogicalChannelParameters :
    {
      sessionID 1
      mediaControlChannel unicastAddress : ipAddress :
      {
        network '0E32C911'H
        tsapIdentifier 16419
      }
      silenceSuppression FALSE
    }
  }
}

```

027064: *Sep 24 12:43:26.462: h245_decode_one_pdu:
H245ASNDcodePdu rc = 0, bytesLeftToDecode = 0

027065: *Sep 24 12:43:26.462: h245_decode_one_pdu:
Read Pkt body: more_pdus:0 rc:0 asn_rc:0

027066: *Sep 24 12:43:26.462: //23/006E38C40300/H323/cch323_h245_uhan_ind:
chan_type 1: chan_num 1

027067: *Sep 24 12:43:26.462:
//23/006E38C40300/H323/cch323_h245_find_r_allocate_olc_instance:
Using existing OLC instance

027068: *Sep 24 12:43:26.462: //23/006E38C40300/H323/cch323_h245_uchan_ind:
channel_number: 1

027069: *Sep 24 12:43:26.462: //23/006E38C40300/H323/cch323_h245_uchan_ind:
h245_rport_tx using RTCP port

027070: *Sep 24 12:43:26.462: //23/006E38C40300/H323/h245_olc_in_sm:
Received H245_EV_OLC_IND while at state H245_OLC_IN_STATE_IDLE

027071: *Sep 24 12:43:26.462: //23/006E38C40300/H323/h245_olc_in_set_new_state:
Changing from H245_OLC_IN_STATE_IDLE state to H245_OLC_IN_STATE_AWAIT_EST state

027072: *Sep 24 12:43:26.466: //23/006E38C40300/H323/run_h245_iwf_sm:
received IWF_EV_OLC_EST_IND while at state IWF_OLC_AWAIT_EST_CFM

027073: *Sep 24 12:43:26.466:
//23/006E38C40300/H323/h245_iwf_build_olc_temp_channel_array:
tempChannelArray=0x86041CD0

027074: *Sep 24 12:43:26.466: //23/006E38C40300/H323/h245_iwf_validate_olc:
ch=1 non-besteffort=0 sync=0 is_ipip=1, nonsync_rsvp=0

027075: *Sep 24 12:43:26.466: //23/006E38C40300/H323/h245_iwf_validate_olc:
chanNum 1 BW tx:rx(640:640) is not a passthru channel

027076: *Sep 24 12:43:26.466: //23/006E38C40300/H323/cch323_do_open_channel_ind:
Sending event CC_EV_H245_OPEN_CHANNEL_IND, channelInfo pointer 0x86041CD0

027077: *Sep 24 12:43:26.466: //23/006E38C40300/CCAPI/cc_api_event_indication:
Event=141, Call Id=23

027078: *Sep 24 12:43:26.466: //23/006E38C40300/CCAPI/cc_api_event_indication:
Event Is Sent To Conferenced SPI(s) Directly

027079: *Sep 24 12:43:26.466: //-1/xxxxxxxxxxxx/H323/cch245_event_handler:
callID=24

027080: *Sep 24 12:43:26.470: //-1/xxxxxxxxxxxx/H323/cch245_event_handler:
Event CC_EV_H245_OPEN_CHANNEL_IND received, channelInfo ptr 0x86041CD0

027081: *Sep 24 12:43:26.470: //-1/xxxxxxxxxxxx/H323/cch323_open_channel_ind:
Entry, callID=24

027082: *Sep 24 12:43:26.470:
//23/006E38C40300/H323/cch323_selected_codec_req_more_bw:
BW approved=7680 inuse=1280

027083: *Sep 24 12:43:26.470: //23/006E38C40300/H323/h245_iwf_set_new_state:
changing from IWF_OLC_AWAIT_EST_CFM state to IWF_OLC_AWAIT_EST_CFM_PEER_ACK state

027084: *Sep 24 12:43:26.470: //24/006E38C40300/H323/cch323_peer_channel_ind:
chn info coming in chn_ind()

027085: *Sep 24 12:43:26.470: //24/006E38C40300/H323/cch323_peer_channel_ind:
Giving event to SLOW start logic: 0

027086: *Sep 24 12:43:26.470: //24/006E38C40300/H323/cch323_peer_channel_ind:
chan_type 1, chan_num 1

027087: *Sep 24 12:43:26.474: //24/006E38C40300/H323/cch323_h245_get_olc_instance:
Using existing OLC instance

027088: *Sep 24 12:43:26.474: //24/006E38C40300/H323/run_h245_iwf_sm:
received IWF_EV_PEER_CHN_IND while at state IWF_OLC_AWAIT_PEER_ACK

027089: *Sep 24 12:43:26.474:
//24/006E38C40300/H323/cch323_selected_codec_req_more_bw:
BW approved=7680 inuse=1280

027090: *Sep 24 12:43:26.474: //24/006E38C40300/H323/h245_olc_out_sm:
Received H245_EV_OLC_EST_REQ while at state H245_OLC_OUT_STATE_IDLE

027091: *Sep 24 12:43:26.474: //24/006E38C40300/H323/h245_olc_out_set_new_state:
Changing from H245_OLC_OUT_STATE_IDLE state to H245_OLC_OUT_STATE_AWAIT_EST state

027092: *Sep 24 12:43:26.474: //24/006E38C40300/H323/estReqOutIdle:
lcl chn codec = 0x5, codec_bytes = 160

027093: *Sep 24 12:43:26.474: //24/006E38C40300/H323/cch323_send_olc_passthru:
ccb channel 1

027094: *Sep 24 12:43:26.474: //24/006E38C40300/H323/cch323_send_olc_passthru:
Use the flow thru address

027095: *Sep 24 12:43:26.474: H245 MSC OUTGOING PDU ::=

value MultimediaSystemControlMessage ::= request : openLogicalChannel :
{

```

forwardLogicalChannelNumber 1
forwardLogicalChannelParameters
{
  dataType audioData : g711Ulaw64k : 20
  multiplexParameters h2250LogicalChannelParameters :
  {
    sessionID 1
    mediaControlChannel unicastAddress : ipAddress :
    {
      network '0E017B5F'H
      tsapIdentifier 16773
    }
    silenceSuppression FALSE
  }
}
}

```

```

027096: *Sep 24 12:43:26.482: H245 MSC OUTGOING ENCODE BUFFER::=
      030000000C6013800B050001000E017B5F418500
027097: *Sep 24 12:43:26.482:
027098: *Sep 24 12:43:26.486: //24/006E38C40300/H323/cch323_send_olc_passthru:
      Sent OLC in passthru mode: retcode 0
027099: *Sep 24 12:43:26.486: //24/006E38C40300/H323/h245_iwf_set_new_state:
      changing from IWF_OLC_AWAIT_PEER_ACK state to IWF_OLC_AWAIT_EST_CFM_PEER_ACK state
027100: *Sep 24 12:43:26.486: h323chan_chn_process_read_socket
027101: *Sep 24 12:43:26.486: h323chan_chn_process_read_socket:
      fd=6 of type ACCEPTED has data
027102: *Sep 24 12:43:26.486: h323chan_chn_process_read_socket:
      h323chan accepted/connected fd=6

027103: *Sep 24 12:43:26.486: h245_decode_one_pdu: more_pdus =
      0, bytesLeftToDecode = 28
027104: *Sep 24 12:43:26.486: H245 MSC INCOMING ENCODE BUFFER::=
      0300000108E400800C7F0070400100800B050002000E32C9114B8500
027105: *Sep 24 12:43:26.486:
027106: *Sep 24 12:43:26.490: H245 MSC INCOMING PDU ::=

```

```

value MultimediaSystemControlMessage ::= request : openLogicalChannel :
{
  forwardLogicalChannelNumber 2
  forwardLogicalChannelParameters
  {
    dataType videoData : h263VideoCapability :
    {
      cifMPI 1
      maxBitRate 3200
      unrestrictedVector FALSE
      arithmeticCoding FALSE
      advancedPrediction FALSE
      pbFrames FALSE
      temporalSpatialTradeOffCapability FALSE
      errorCompensation FALSE
    }
    multiplexParameters h2250LogicalChannelParameters :
    {
      sessionID 2
      mediaControlChannel unicastAddress : ipAddress :
      {
        network '0E32C911'H
        tsapIdentifier 19333
      }
      silenceSuppression FALSE
    }
  }
}

```



```
}  
}  
}
```

```
027107: *Sep 24 12:43:26.498: h245_decode_one_pdu:  
      H245ASNDecodePdu rc = 0, bytesLeftToDecode = 0  
027108: *Sep 24 12:43:26.498: h245_decode_one_pdu:  
      Read Pkt body: more_pdus:0 rc:0 asn_rc:0  
027109: *Sep 24 12:43:26.498: //23/006E38C40300/H323/cch323_h245_uchan_ind:  
      chan_type 2: chan_num 2  
027110: *Sep 24 12:43:26.498:  
      //23/006E38C40300/H323/cch323_h245_find_r_allocate_olc_instance:  
      Allocated new OLC instance  
027111: *Sep 24 12:43:26.498: //23/006E38C40300/H323/cch323_h245_uchan_ind:  
      channel_number: 2  
027112: *Sep 24 12:43:26.498: //23/006E38C40300/H323/cch323_h245_uchan_ind:  
      h245_rport_tx using RTCP port  
027113: *Sep 24 12:43:26.498: //23/006E38C40300/H323/h245_olc_in_sm:  
      Received H245_EV_OLC_IND while at state H245_OLC_IN_STATE_IDLE  
027114: *Sep 24 12:43:26.498: //23/006E38C40300/H323/h245_olc_in_set_new_state:  
      Changing from H245_OLC_IN_STATE_IDLE state to H245_OLC_IN_STATE_AWAIT_EST state  
027115: *Sep 24 12:43:26.502: //23/006E38C40300/H323/run_h245_iwf_sm:  
      received IWF_EV_OLC_EST_IND while at state IWF_OLC_IDLE  
027116: *Sep 24 12:43:26.502:  
      //23/006E38C40300/H323/h245_iwf_build_olc_temp_channel_array:  
      tempChannelArray=0x86041E80  
027117: *Sep 24 12:43:26.502: //23/006E38C40300/H323/h245_iwf_validate_olc:  
      ch=2 non-besteffort=0 sync=0 is_ipip=1, nonsync_rsvp=0  
027118: *Sep 24 12:43:26.502: //23/006E38C40300/H323/h245_iwf_validate_olc:  
      chanNum 2 BW tx:rx(3200:3200) is a passthru channel; olc=0x8482AA7C,  
      peer_chn_num=0, TchnArray=0x86041E80, PchnArray=0x0  
027119: *Sep 24 12:43:26.502:  
      //23/006E38C40300/H323/cch323_selected_codec_req_more_bw:  
      BW approved=7680 inuse=7680  
027120: *Sep 24 12:43:26.502: //23/006E38C40300/H323/estIndOlcIdle:  
      Sending olc ind trigger to peer side  
027121: *Sep 24 12:43:26.502: //23/006E38C40300/H323/cch323_do_open_channel_ind:  
      Sending event CC_EV_H245_OPEN_CHANNEL_IND, channelInfo pointer 0x86041E80  
027122: *Sep 24 12:43:26.502: //23/006E38C40300/CCAPI/cc_api_event_indication:  
      Event=141, Call Id=23  
027123: *Sep 24 12:43:26.506: //23/006E38C40300/CCAPI/cc_api_event_indication:  
      Event Is Sent To Conferenced SPI(s) Directly  
027124: *Sep 24 12:43:26.506: //-1/xxxxxxxxxxxx/H323/cch245_event_handler:  
      callID=24  
027125: *Sep 24 12:43:26.506: //-1/xxxxxxxxxxxx/H323/cch245_event_handler:  
      Event CC_EV_H245_OPEN_CHANNEL_IND received, channelInfo ptr 0x86041E80  
027126: *Sep 24 12:43:26.506: //-1/xxxxxxxxxxxx/H323/cch323_open_channel_ind:  
      Entry, callID=24  
027127: *Sep 24 12:43:26.506: //23/006E38C40300/H323/h245_iwf_set_new_state:  
      changing from IWF_OLC_IDLE state to IWF_OLC_AWAIT_PEER_ACK state  
027128: *Sep 24 12:43:26.510: //24/006E38C40300/H323/cch323_peer_channel_ind:  
      chn info coming in chn_ind()  
027129: *Sep 24 12:43:26.510: //24/006E38C40300/H323/cch323_peer_channel_ind:  
      Giving event to SLOW start logic: 0  
027130: *Sep 24 12:43:26.510: //24/006E38C40300/H323/cch323_peer_channel_ind:  
      chan_type 2, chan_num 2  
027131: *Sep 24 12:43:26.510: //24/006E38C40300/H323/cch323_h245_get_olc_instance:  
      Allocated new OLC instance  
027132: *Sep 24 12:43:26.510: //24/006E38C40300/H323/run_h245_iwf_sm:  
      received IWF_EV_PEER_CHN_IND while at state IWF_OLC_IDLE  
027133: *Sep 24 12:43:26.510:  
      //24/006E38C40300/H323/cch323_selected_codec_req_more_bw:
```

```
BW approved=7680 inuse=7680
027134: *Sep 24 12:43:26.510: //24/006E38C40300/H323/h245_olc_out_sm:
    Received H245_EV_OLC_EST_REQ while at state H245_OLC_OUT_STATE_IDLE
027135: *Sep 24 12:43:26.514: //24/006E38C40300/H323/h245_olc_out_set_new_state:
    Changing from H245_OLC_OUT_STATE_IDLE state to H245_OLC_OUT_STATE_AWAIT_EST state
027136: *Sep 24 12:43:26.514: //24/006E38C40300/H323/cch323_send_olc_passthru:
    ccb channel 2
027137: *Sep 24 12:43:26.514: //24/006E38C40300/H323/cch323_send_olc_passthru:
    Use the flow thru address
027138: *Sep 24 12:43:26.514: H245 MSC OUTGOING PDU ::=
```

```
value MultimediaSystemControlMessage ::= request : openLogicalChannel :
{
    forwardLogicalChannelNumber 2
    forwardLogicalChannelParameters
    {
        dataType videoData : h263VideoCapability :
        {
            cifMPI 1
            maxBitRate 3200
            unrestrictedVector FALSE
            arithmeticCoding FALSE
            advancedPrediction FALSE
            pbFrames FALSE
            temporalSpatialTradeOffCapability FALSE
            errorCompensation FALSE
        }
        multiplexParameters h2250LogicalChannelParameters :
        {
            sessionID 2
            mediaControlChannel unicastAddress : ipAddress :
            {
                network '0E017B5F'H
                tsapIdentifier 17339
            }
            silenceSuppression FALSE
        }
    }
}
```

```
027139: *Sep 24 12:43:26.522: H245 MSC OUTGOING ENCODE BUFFER::=
    0300000108E400800C7F0070400100800B050002000E017B5F43BB00
027140: *Sep 24 12:43:26.522:
027141: *Sep 24 12:43:26.526: //24/006E38C40300/H323/cch323_send_olc_passthru:
    Sent OLC in passthru mode: retcode 0
027142: *Sep 24 12:43:26.526: //24/006E38C40300/H323/h245_iwf_set_new_state:
    changing from IWF_OLC_IDLE state to IWF_OLC_AWAIT_EST_CFM state
027143: *Sep 24 12:43:26.526: h323chan_chn_process_read_socket
027144: *Sep 24 12:43:26.526: h323chan_chn_process_read_socket:
    fd=7 of type CONNECTED has data
027145: *Sep 24 12:43:26.526: h323chan_chn_process_read_socket:
    h323chan accepted/connected fd=7
027146: *Sep 24 12:43:26.526: h245_decode_one_pdu:
    more_pdus = 0, bytesLeftToDecode = 26
027147: *Sep 24 12:43:26.526: H245 MSC INCOMING ENCODE BUFFER::=
    22C000000680134C000E017D7D4208000E017D7D420903000100
027148: *Sep 24 12:43:26.526:
027149: *Sep 24 12:43:26.530: H245 MSC INCOMING PDU ::=
```

```
value MultimediaSystemControlMessage ::= response : openLogicalChannelAck :
{
```

```

forwardLogicalChannelNumber 1
forwardMultiplexAckParameters h2250LogicalChannelAckParameters :
{
  mediaChannel unicastAddress : ipAddress :
  {
    network '0E017D7D'H
    tsapIdentifier 16904
  }
  mediaControlChannel unicastAddress : ipAddress :
  {
    network '0E017D7D'H
    tsapIdentifier 16905
  }
  flowControlToZero FALSE
}
}

```

```

027150: *Sep 24 12:43:26.534: h245_decode_one_pdu:
      H245ASNDcodePdu rc = 0, bytesLeftToDecode = 0
027151: *Sep 24 12:43:26.534: h245_decode_one_pdu:
      Read Pkt body: more_pdus:0 rc:0 asn_rc:0
027152: *Sep 24 12:43:26.534: //24/006E38C40300/H323/cch323_get_olc_ack_instance:
      Received OLC_ACK1 msg olc[1] ccb olc[1]
027153: *Sep 24 12:43:26.538: //24/006E38C40300/H323/h245_olc_out_sm:
      Received H245_EV_OLC_CFM while at state H245_OLC_OUT_STATE_AWAIT_EST
027154: *Sep 24 12:43:26.538: //24/006E38C40300/H323/h245_olc_out_set_new_state:
      Changing from H245_OLC_OUT_STATE_AWAIT_EST state to H245_OLC_OUT_STATE_ESTABLISHED state
027155: *Sep 24 12:43:26.538: //24/006E38C40300/H323/run_h245_iwf_sm:
      received IWF_EV_OLC_EST_CFM while at state IWF_OLC_AWAIT_EST_CFM_PEER_ACK
027156: *Sep 24 12:43:26.538:
      //24/006E38C40300/H323/h245_iwf_request_rsvp_on_olc_ack:
      ch=1 non-bestEffort=0 sync=0 is_ipip=1, nonsync_rsvp=0
027157: *Sep 24 12:43:26.538:
      //24/006E38C40300/H323/h245_iwf_request_rsvp_on_olc_ack:
      qos_mod_used=0, callType=1, do_rsvp=0, flowMode=1
027158: *Sep 24 12:43:26.538: //24/006E38C40300/H323/estCfmAwaitEstCfmPeerAck:
      Sending olc ack trigger to peer side
027159: *Sep 24 12:43:26.542: //-1/xxxxxxxxxxxxx/H323/cch323_do_open_channel_ack:
      callID=24, sending event CC_EV_H245_OPEN_CHANNEL_ACK,
      peer channel pointer 0x86041CD0
027160: *Sep 24 12:43:26.542: //24/006E38C40300/CCAPI/cc_api_event_indication:
      Event=142, Call Id=24
027161: *Sep 24 12:43:26.542: //24/006E38C40300/CCAPI/cc_api_event_indication:
      Event Is Sent To Conferenced SPI(s) Directly
027162: *Sep 24 12:43:26.542: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
      callID=23
027163: *Sep 24 12:43:26.542: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
      Event CC_EV_H245_OPEN_CHANNEL_ACK received, channelInfo ptr 0x86041CD0
027164: *Sep 24 12:43:26.542: //-1/xxxxxxxxxxxxx/H323/cch323_open_channel_ack:
      callID=23, Channel info: codec=5 rtp=16904 rtcp=16905 aadr=0xE017D7D
027165: *Sep 24 12:43:26.542: //24/006E38C40300/H323/h245_iwf_set_new_state:
      changing from IWF_OLC_AWAIT_EST_CFM_PEER_ACK state to
      IWF_OLC_OUTDONE_AWAIT_PEER_ACK state
027166: *Sep 24 12:43:26.542: h323chan_chn_process_read_socket
027167: *Sep 24 12:43:26.542: h323chan_chn_process_read_socket:
      fd=7 of type CONNECTED has data
027168: *Sep 24 12:43:26.542: h323chan_chn_process_read_socket:
      h323chan accepted/connected fd=7

027169: *Sep 24 12:43:26.546: h245_decode_one_pdu:
      more_pdus = 0, bytesLeftToDecode = 27
027170: *Sep 24 12:43:26.546: H245 MSC INCOMING ENCODE BUFFER:==

```

0300000108E400800EFF0070400100800A040002000E017D7D4349

027171: *Sep 24 12:43:26.546:

027172: *Sep 24 12:43:26.546: H245 MSC INCOMING PDU ::=

```
value MultimediaSystemControlMessage ::= request : openLogicalChannel :
{
  forwardLogicalChannelNumber 2
  forwardLogicalChannelParameters
  {
    dataType videoData : h263VideoCapability :
    {
      cifMPI 1
      maxBitRate 3840
      unrestrictedVector FALSE
      arithmeticCoding FALSE
      advancedPrediction FALSE
      pbFrames FALSE
      temporalSpatialTradeOffCapability FALSE
      errorCompensation FALSE
    }
    multiplexParameters h2250LogicalChannelParameters :
    {
      sessionID 2
      mediaControlChannel unicastAddress : ipAddress :
      {
        network '0E017D7D'H
        tsapIdentifier 17225
      }
    }
  }
}
```

027173: *Sep 24 12:43:26.554: h245_decode_one_pdu:

H245ASNDecodePdu rc = 0, bytesLeftToDecode = 0

027174: *Sep 24 12:43:26.554: h245_decode_one_pdu: Read Pkt body:

more_pdus:0 rc:0 asn_rc:0

027175: *Sep 24 12:43:26.554: //24/006E38C40300/H323/cch323_h245_uhan_ind:

chan_type 2: chan_num 2

027176: *Sep 24 12:43:26.554:

//24/006E38C40300/H323/cch323_h245_find_r_allocate_olc_instance:

Using existing OLC instance

027177: *Sep 24 12:43:26.554: //24/006E38C40300/H323/cch323_h245_uhan_ind:

channel_number: 2

027178: *Sep 24 12:43:26.554: //24/006E38C40300/H323/cch323_h245_uhan_ind:

h245_rport_tx using RTCP port

027179: *Sep 24 12:43:26.554: //24/006E38C40300/H323/h245_olc_in_sm:

Received H245_EV_OLC_IND while at state H245_OLC_IN_STATE_IDLE

027180: *Sep 24 12:43:26.554: //24/006E38C40300/H323/h245_olc_in_set_new_state:

Changing from H245_OLC_IN_STATE_IDLE state to H245_OLC_IN_STATE_AWAIT_EST state

027181: *Sep 24 12:43:26.558: //24/006E38C40300/H323/run_h245_iwf_sm:

received IWF_EV_OLC_EST_IND while at state IWF_OLC_AWAIT_EST_CFM

027182: *Sep 24 12:43:26.558:

//24/006E38C40300/H323/h245_iwf_build_olc_temp_channel_array:

tempChannelArray=0x86042150

027183: *Sep 24 12:43:26.558: //24/006E38C40300/H323/h245_iwf_validate_olc:

ch=2 non-besteffort=0 sync=0 is_ipip=1, nonsync_rsvp=0

027184: *Sep 24 12:43:26.558: //24/006E38C40300/H323/h245_iwf_validate_olc:

chanNum 2 BW tx:rx(3200:3840) is a passthru channel; olc=0x852F67E8,

peer_chn_num=2, TchnArray=0x86042150, PchnArray=0x86041E80

027185: *Sep 24 12:43:26.558: //24/006E38C40300/H323/cch323_do_open_channel_ind:

Sending event CC_EV_H245_OPEN_CHANNEL_IND, channelInfo pointer 0x86042150

027186: *Sep 24 12:43:26.558: //24/006E38C40300/CCAPI/cc_api_event_indication:

Event=141, Call Id=24
027187: *Sep 24 12:43:26.558: //24/006E38C40300/CCAPI/cc_api_event_indication:
Event Is Sent To Conferenced SPI(s) Directly
027188: *Sep 24 12:43:26.562: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
callID=23
027189: *Sep 24 12:43:26.562: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
Event CC_EV_H245_OPEN_CHANNEL_IND received, channelInfo ptr 0x86042150
027190: *Sep 24 12:43:26.562: //-1/xxxxxxxxxxxxx/H323/cch323_open_channel_ind:
Entry, callID=23
027191: *Sep 24 12:43:26.562:
//24/006E38C40300/H323/cch323_selected_codec_req_more_bw:
BW approved=7680 inuse=8320
027192: *Sep 24 12:43:26.562: //24/006E38C40300/H323/estIndAwaitEstCfm:
Send BRQ for call 8572F6C4
027193: *Sep 24 12:43:26.562: //24/006E38C40300/H323/h245_iwf_set_new_state:
changing from IWF_OLC_AWAIT_EST_CFM state to
IWF_OLC_IN_AWAIT_BCF_EST_CFM_PEER_ACK state
027194: *Sep 24 12:43:26.562: RAS OUTGOING PDU ::=

```
value RasMessage ::= bandwidthRequest :  
{  
  requestSeqNum 4355  
  endpointIdentifier {"8591ED9400000001"}  
  conferenceID '006E38C43570518C030003010E32CA1F'H  
  callReferenceValue 16  
  bandwidth 8320  
  callIdentifier  
  {  
    guid '006E38C43570518C030003010E32CA1F'H  
  }  
  answeredCall FALSE  
}
```

027195: *Sep 24 12:43:26.566: RAS OUTGOING ENCODE BUFFER ::= 320011021E003800350039
00310045004400390034003000300030003000300030003000300031006E38C43570518C030003010E32
CA1F00104020801508001100006E38C43570518C030003010E32CA1F0100
027196: *Sep 24 12:43:26.570: h323chan_dgram_send:Sent UDP msg. Bytes sent:
81 to 14.1.123.95:1719 fd=2

027197: *Sep 24 12:43:26.570: RASLib::GW_RASSendBRQ: BRQ (seq# 4355) sent to
14.1.123.95

027198: *Sep 24 12:43:26.574: //xxxxxxxxxxxxx/xxxxxxxxxxxxx/GK/gk_process:
QUEUE_EVENT (minor 0) wakeup

027199: *Sep 24 12:43:26.574: RecvUDP_IPSockData successfully rcvd message of
length 81 from 14.1.123.95:64422

027200: *Sep 24 12:43:26.574: RAS INCOMING ENCODE BUFFER ::= 320011021E0038003500
3900310045004400390034003000300030003000300030003000300031006E38C43570518C030003010E
32CA1F00104020801508001100006E38C43570518C030003010E32CA1F0100

027201: *Sep 24 12:43:26.574:

027202: *Sep 24 12:43:26.578: RAS INCOMING PDU ::=

```
value RasMessage ::= bandwidthRequest :  
{  
  requestSeqNum 4355  
  endpointIdentifier {"8591ED9400000001"}  
  conferenceID '006E38C43570518C030003010E32CA1F'H  
  callReferenceValue 16  
  bandwidth 8320  
  callIdentifier  
  {  
    guid '006E38C43570518C030003010E32CA1F'H  
  }  
}
```

```

    answeredCall FALSE
}

027203: *Sep 24 12:43:26.582: BRQ (seq# 4355) rcvd
027204: *Sep 24 12:43:26.582: //xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_rassrv_brq:
    state = 0xF
027205: *Sep 24 12:43:26.582: //xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_rassrv_brq:
    brqp=0x852FFA80, crv=0x10, bandwidth=8320
027206: *Sep 24 12:43:26.582: //xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_call_find_crv:
    endptp=0x8591ED94, crv=16:
027207: *Sep 24 12:43:26.582: //006E38C40300/006E38C40300/GK/gk_call_find_crv:
    crv is SEP
027208: *Sep 24 12:43:26.582: RAS OUTGOING PDU ::=

value RasMessage ::= bandwidthConfirm :
{
    requestSeqNum 4355
    bandwidth 8320
}

027209: *Sep 24 12:43:26.586: RAS OUTGOING ENCODE BUFFER::= 341102402080
027210: *Sep 24 12:43:26.586:
027211: *Sep 24 12:43:26.586: IPSOCK_RAS_sendto: msg length 6 from
    14.1.123.95:1719 to 14.1.123.95: 64422
027212: *Sep 24 12:43:26.586: RASLib::RASSendBCF: BCF (seq# 4355) sent to
    14.1.123.95
027213: *Sep 24 12:43:26.586: //23/006E38C40300/H323/cch323_peer_channel_ack:
    Will send peer chn ack to IWF sm
027214: *Sep 24 12:43:26.586: //23/006E38C40300/H323/run_h245_iwf_sm:
    received IWF_EV_PEER_CHN_ACK while at state IWF_OLC_AWAIT_EST_CFM_PEER_ACK
027215: *Sep 24 12:43:26.590: //23/006E38C40300/H323/h245_olc_in_sm:
    Received H245_EV_OLC_EST_RESP while at state H245_OLC_IN_STATE_AWAIT_EST
027216: *Sep 24 12:43:26.590: H245 MSC OUTGOING PDU ::=

value MultimediaSystemControlMessage ::= response : openLogicalChannelAck :
{
    forwardLogicalChannelNumber 1
    forwardMultiplexAckParameters h2250LogicalChannelAckParameters :
    {
        mediaChannel unicastAddress : ipAddress :
        {
            network '0E017B5F'H
            tsapIdentifier 19496
        }
        mediaControlChannel unicastAddress : ipAddress :
        {
            network '0E017B5F'H
            tsapIdentifier 19497
        }
        flowControlToZero FALSE
    }
}

027217: *Sep 24 12:43:26.594: H245 MSC OUTGOING ENCODE BUFFER::= 22C000000480134
    C000E017B5F4C28000E017B5F4C2903000100
027218: *Sep 24 12:43:26.594:
027219: *Sep 24 12:43:26.598: //23/006E38C40300/H323/cch323_send_open_channel_ack:
    Send OLC Ack in passthru mode: retcode 0

```

```
027220: *Sep 24 12:43:26.598: //23/006E38C40300/H323/h245_olc_in_set_new_state:
    Changing from H245_OLC_IN_STATE_AWAIT_EST state to H245_OLC_IN_STATE_ESTABLISHED state
027221: *Sep 24 12:43:26.598: //23/006E38C40300/H323/h245_iwf_set_new_state:
    changing from IWF_OLC_AWAIT_EST_CFM_PEER_ACK state to IWF_OLC_INDONE_AWAIT_EST_CFM state
027222: *Sep 24 12:43:26.598: //23/006E38C40300/H323/cch323_peer_channel_ind:
    chn info coming in chn_ind()
027223: *Sep 24 12:43:26.598: //23/006E38C40300/H323/cch323_peer_channel_ind:
    Giving event to SLOW start logic: 1
027224: *Sep 24 12:43:26.598: //23/006E38C40300/H323/cch323_peer_channel_ind:
    chan_type 2, chan_num 2
027225: *Sep 24 12:43:26.598: //23/006E38C40300/H323/cch323_h245_get_olc_instance:
    Using existing OLC instance
027226: *Sep 24 12:43:26.598: //23/006E38C40300/H323/run_h245_iwf_sm:
    received IWF_EV_PEER_CHN_IND while at state IWF_OLC_AWAIT_PEER_ACK
027227: *Sep 24 12:43:26.602:
    //23/006E38C40300/H323/cch323_selected_codec_req_more_bw:
    BW approved=7680 inuse=8320
027228: *Sep 24 12:43:26.602: //23/006E38C40300/H323/peerChnIndAwaitPeerAck:
    Send BRQ for call 83D7D3D4
027229: *Sep 24 12:43:26.602: //23/006E38C40300/H323/h245_iwf_set_new_state:
    changing from IWF_OLC_AWAIT_PEER_ACK state
    to IWF_OLC_OUT_AWAIT_BCF_PEER_ACK state
027230: *Sep 24 12:43:26.602: RAS OUTGOING PDU ::=
```

```
value RasMessage ::= bandwidthRequest :
{
    requestSeqNum 4356
    endpointIdentifier {"8591ED9400000001"}
    conferenceID '006E38C43570518C030003010E32CA1F'H
    callReferenceValue 15
    bandwidth 8320
    callIdentifier
    {
        guid '006E38C43570518C030003010E32CA1F'H
    }
    answeredCall TRUE
}
```

```
027231: *Sep 24 12:43:26.606: RAS OUTGOING ENCODE BUFFER::= 320011031E00380035
    00390031004500440039003400300030003000300030003000300031006E38C43570518C030003
    010E32CA1F000F4020801508001100006E38C43570518C030003010E32CA1F0180
```

```
027232: *Sep 24 12:43:26.606: h323chan_dgram_send:Sent UDP msg. Bytes sent:
    81 to 14.1.123.95:1719 fd=2
```

```
027233: *Sep 24 12:43:26.610: RASLib::GW_RASSendBRQ: BRQ (seq# 4356) sent to
    14.1.123.95
```

```
027234: *Sep 24 12:43:26.610: h323chan_chn_process_read_socket
```

```
027235: *Sep 24 12:43:26.610: h323chan_chn_process_read_socket: fd=7 of type
    CONNECTED has data
```

```
027236: *Sep 24 12:43:26.610: h323chan_chn_process_read_socket: h323chan
    accepted/connected fd=7
```

```
027237: *Sep 24 12:43:26.610: h245_decode_one_pdu:
    more_pdus = 0, bytesLeftToDecode = 26
```

```
027238: *Sep 24 12:43:26.610: H245 MSC INCOMING ENCODE BUFFER::= 22C000010680134
    C000E017D7D4348000E017D7D434903000100
```

```
027239: *Sep 24 12:43:26.610:
```

```
027240: *Sep 24 12:43:26.614: H245 MSC INCOMING PDU ::=
```

```
value MultimediaSystemControlMessage ::= response : openLogicalChannelAck :
{
    forwardLogicalChannelNumber 2
```

```

forwardMultiplexAckParameters h2250LogicalChannelAckParameters :
{
  mediaChannel unicastAddress : ipAddress :
  {
    network '0E017D7D'H
    tsapIdentifier 17224
  }
  mediaControlChannel unicastAddress : ipAddress :
  {
    network '0E017D7D'H
    tsapIdentifier 17225
  }
  flowControlToZero FALSE
}
}

```

```

027241: *Sep 24 12:43:26.618: h245_decode_one_pdu:
      H245ASNDcodePdu rc = 0, bytesLeftToDecode = 0
027242: *Sep 24 12:43:26.618: h245_decode_one_pdu: Read Pkt body:
      more_pdus:0 rc:0 asn_rc:0
027243: *Sep 24 12:43:26.618: //24/006E38C40300/H323/cch323_get_olc_ack_instance:
      Received OLC_ACK1 msg olc[2] ccb olc[1]
027244: *Sep 24 12:43:26.618: //24/006E38C40300/H323/h245_olc_out_sm:
      Received H245_EV_OLC_CFM while at state H245_OLC_OUT_STATE_AWAIT_EST
027245: *Sep 24 12:43:26.618: //24/006E38C40300/H323/h323_open_add_rtp_stream:
      ip_video_tos 136
027246: *Sep 24 12:43:26.622: //24/006E38C40300/H323/h245_olc_out_set_new_state:
      Changing from H245_OLC_OUT_STATE_AWAIT_EST state to
      H245_OLC_OUT_STATE_ESTABLISHED state
027247: *Sep 24 12:43:26.622: //24/006E38C40300/H323/run_h245_iwf_sm:
      received IWF_EV_OLC_EST_CFM while at state IWF_OLC_IN_AWAIT_BCF_EST_CFM_PEER_ACK
027248: *Sep 24 12:43:26.622:
      //24/006E38C40300/H323/h245_iwf_request_rsvp_on_olc_ack:
      ch=2 non-bestEffort=0 sync=0 is_ipip=1, nonsync_rsvp=0
027249: *Sep 24 12:43:26.622:
      //24/006E38C40300/H323/h245_iwf_request_rsvp_on_olc_ack:
      qos_mod_used=0, callType=1, do_rsvp=0, flowMode=1
027250: *Sep 24 12:43:26.622: //24/006E38C40300/H323/estCfmInAwaitBcfEstCfmPeerAck:
      Sending olc ack trigger to peer side
027251: *Sep 24 12:43:26.622: //-1/xxxxxxxxxxxxx/H323/cch323_do_open_channel_ack:
      callID=24, sending event CC_EV_H245_OPEN_CHANNEL_ACK, peer channel pointer 0x86041E80
027252: *Sep 24 12:43:26.622: //24/006E38C40300/CCAPI/cc_api_event_indication:
      Event=142, Call Id=24
027253: *Sep 24 12:43:26.626: //24/006E38C40300/CCAPI/cc_api_event_indication:
      Event Is Sent To Conferenced SPI(s) Directly
027254: *Sep 24 12:43:26.626: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
      callID=23
027255: *Sep 24 12:43:26.626: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
      Event CC_EV_H245_OPEN_CHANNEL_ACK received, channelInfo ptr 0x86041E80
027256: *Sep 24 12:43:26.626: //-1/xxxxxxxxxxxxx/H323/cch323_open_channel_ack:
      callID=23, Channel info: codec=-1 rtp=17224 rtcp=17225 aadr=0xE017D7D
027257: *Sep 24 12:43:26.626: //24/006E38C40300/H323/h245_iwf_set_new_state:
      changing from IWF_OLC_IN_AWAIT_BCF_EST_CFM_PEER_ACK state to
      IWF_OLC_OUTDONE_AWAIT_BCF_PEER_ACK state
027258: *Sep 24 12:43:26.626: h323chan_chn_process_read_socket
027259: *Sep 24 12:43:26.626: h323chan_chn_process_read_socket:
      fd=6 of type ACCEPTED has data
027260: *Sep 24 12:43:26.626: h323chan_chn_process_read_socket:
      h323chan accepted/connected fd=6

027261: *Sep 24 12:43:26.626: h245_decode_one_pdu:
      more_pdus = 0, bytesLeftToDecode = 23

```


027262: *Sep 24 12:43:26.626: H245 MSC INCOMING ENCODE BUFFER ::=
22C000000480101C00000E32C9114022000E32C9114023
027263: *Sep 24 12:43:26.630:
027264: *Sep 24 12:43:26.630: H245 MSC INCOMING PDU ::=

```
value MultimediaSystemControlMessage ::= response : openLogicalChannelAck :  
{  
  forwardLogicalChannelNumber 1  
  forwardMultiplexAckParameters h2250LogicalChannelAckParameters :  
  {  
    sessionID 1  
    mediaChannel unicastAddress : ipAddress :  
    {  
      network '0E32C911'H  
      tsapIdentifier 16418  
    }  
    mediaControlChannel unicastAddress : ipAddress :  
    {  
      network '0E32C911'H  
      tsapIdentifier 16419  
    }  
  }  
}
```

027265: *Sep 24 12:43:26.634: h245_decode_one_pdu:
H245ASNDcodePdu rc = 0, bytesLeftToDecode = 0
027266: *Sep 24 12:43:26.634: h245_decode_one_pdu:
Read Pkt body: more_pdus:0 rc:0 asn_rc:0
027267: *Sep 24 12:43:26.634: //23/006E38C40300/H323/cch323_get_olc_ack_instance:
Received OLC_ACK1 msg olc[1] ccb olc[1]
027268: *Sep 24 12:43:26.638: //23/006E38C40300/H323/h245_olc_out_sm:
Received H245_EV_OLC_CFM while at state H245_OLC_OUT_STATE_AWAIT_EST
027269: *Sep 24 12:43:26.638: //23/006E38C40300/H323/h245_olc_out_set_new_state:
Changing from H245_OLC_OUT_STATE_AWAIT_EST state to H245_OLC_OUT_STATE_ESTABLISHED state
027270: *Sep 24 12:43:26.638: //23/006E38C40300/H323/run_h245_iwf_sm:
received IWF_EV_OLC_EST_CFM while at state IWF_OLC_INDONE_AWAIT_EST_CFM
027271: *Sep 24 12:43:26.638:
//23/006E38C40300/H323/h245_iwf_request_rsvp_on_olc_ack:
ch=1 non-bestEffort=0 sync=0 is_ipip=1, nonsync_rsvp=0
027272: *Sep 24 12:43:26.638:
//23/006E38C40300/H323/h245_iwf_request_rsvp_on_olc_ack:
qos_mod_used=0, callType=1, do_rsvp=0, flowMode=1
027273: *Sep 24 12:43:26.638: //23/006E38C40300/H323/estCfmOlcIndoneAwaitEstCfm:
Sending olc ack trigger to peer side
027274: *Sep 24 12:43:26.638: //-1/xxxxxxxxxxxxx/H323/cch323_do_open_channel_ack:
callID=23, sending event CC_EV_H245_OPEN_CHANNEL_ACK, peer channel pointer 0x860420C0
027275: *Sep 24 12:43:26.638: //23/006E38C40300/CCAPI/cc_api_event_indication:
Event=142, Call Id=23
027276: *Sep 24 12:43:26.642: //23/006E38C40300/CCAPI/cc_api_event_indication:
Event Is Sent To Conferenced SPI(s) Directly
027277: *Sep 24 12:43:26.642: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
callID=24
027278: *Sep 24 12:43:26.642: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:
Event CC_EV_H245_OPEN_CHANNEL_ACK received, channelInfo ptr 0x860420C0
027279: *Sep 24 12:43:26.642: //-1/xxxxxxxxxxxxx/H323/cch323_open_channel_ack:
callID=24, Channel info: codec=5 rtp=16418 rtcp=16419 aadr=0xE32C911
027280: *Sep 24 12:43:26.642: //23/006E38C40300/H323/h245_iwf_set_new_state:
changing from IWF_OLC_INDONE_AWAIT_EST_CFM state to IWF_OLC_DONE state
027281: *Sep 24 12:43:26.642: //23/006E38C40300/H323/run_h245_iwf_sm:
received IWF_EV_OLC_DONE while at state IWF_ACTIVE
027282: *Sep 24 12:43:26.642: //23/006E38C40300/H323/run_h225_sm:
Received event H225_EV_H245_SUCCESS while at state H225_WAIT_FOR_H245

027283: *Sep 24 12:43:26.642: //23/006E38C40300/H323/cch323_h225_set_new_state:
Changing from H225_WAIT_FOR_H245 state to H225_ACTIVE state
027284: *Sep 24 12:43:26.642: h323chan_chn_process_read_socket
027285: *Sep 24 12:43:26.642: h323chan_chn_process_read_socket:
fd=2 of type CONNECTED has data
027286: *Sep 24 12:43:26.646: h323chan_chn_process_read_socket:
h323chan accepted/connected fd=2

027287: *Sep 24 12:43:26.646: h323chan_dgram_rcvdata:rcvd from [14.1.123.95:1719]
on fd=2

027288: *Sep 24 12:43:26.646: RAS INCOMING ENCODE BUFFER ::= 341102402080
027289: *Sep 24 12:43:26.646:
027290: *Sep 24 12:43:26.646: RAS INCOMING PDU ::=

```
value RasMessage ::= bandwidthConfirm :  
{  
  requestSeqNum 4355  
  bandwidth 8320  
}
```

027291: *Sep 24 12:43:26.646: BCF (seq# 4355) rcvd
027292: *Sep 24 12:43:26.646: //24/006E38C40300/H323/run_h245_iwf_sm:
received IWF_EV_BCF while at state IWF_OLC_OUTDONE_AWAIT_PEER_ACK
027293: *Sep 24 12:43:26.646: //24/006E38C40300/H323/errHdlr: ERROR:
Received Unexpected IWF_EV_BCF in state IWF_OLC_OUTDONE_AWAIT_PEER_ACK
027294: *Sep 24 12:43:26.650: //24/006E38C40300/H323/run_h245_iwf_sm:
received IWF_EV_BCF while at state IWF_OLC_OUTDONE_AWAIT_BCF_PEER_ACK
027295: *Sep 24 12:43:26.650: //24/006E38C40300/H323/h245_iwf_set_new_state:
changing from IWF_OLC_OUTDONE_AWAIT_BCF_PEER_ACK state
to IWF_OLC_OUTDONE_AWAIT_PEER_ACK state
027296: *Sep 24 12:43:26.650: //xxxxxxxxxxxxxx/xxxxxxxxxxxxxx/GK/gk_process:
QUEUE_EVENT (minor 0) wakeup
027297: *Sep 24 12:43:26.654: RecvUDP_IPSockData successfully rcvd message of
length 81 from 14.1.123.95:64422
027298: *Sep 24 12:43:26.654: RAS INCOMING ENCODE BUFFER ::= 320011031E00380035
00390031004500440039003400300030003000300030003000300031006E38C43570518C030003
010E32CA1F000F4020801508001100006E38C43570518C030003010E32CA1F0180
027299: *Sep 24 12:43:26.654:
027300: *Sep 24 12:43:26.654: RAS INCOMING PDU ::=

```
value RasMessage ::= bandwidthRequest :  
{  
  requestSeqNum 4356  
  endpointIdentifier {"8591ED9400000001"}  
  conferenceID '006E38C43570518C030003010E32CA1F'H  
  callReferenceValue 15  
  bandwidth 8320  
  callIdentifier  
{  
  guid '006E38C43570518C030003010E32CA1F'H  
}  
  answeredCall TRUE  
}
```

027301: *Sep 24 12:43:26.658: BRQ (seq# 4356) rcvd
027302: *Sep 24 12:43:26.658: //xxxxxxxxxxxxxx/xxxxxxxxxxxxxx/GK/gk_rassrv_brq:
state = 0xF
027303: *Sep 24 12:43:26.662: //xxxxxxxxxxxxxx/xxxxxxxxxxxxxx/GK/gk_rassrv_brq:
brqp=0x85487690, crv=0xF, bandwidth=8320

```
027304: *Sep 24 12:43:26.662: //xxxxxxxxxxxx/xxxxxxxxxxxx/GK/gk_call_find_crv:
      endptp=0x8591ED94, crv=15:
027305: *Sep 24 12:43:26.662: //006E38C40300/006E38C40300/GK/gk_call_find_crv:
      crv is DEP
027306: *Sep 24 12:43:26.662: RAS OUTGOING PDU ::=
```

```
value RasMessage ::= bandwidthConfirm :
{
  requestSeqNum 4356
  bandwidth 8320
}
```

```
027307: *Sep 24 12:43:26.662: RAS OUTGOING ENCODE BUFFER ::= 341103402080
027308: *Sep 24 12:43:26.662:
027309: *Sep 24 12:43:26.666: IPSOCK_RAS_sendto: msg length 6 from
      14.1.123.95:1719 to 14.1.123.95: 64422
027310: *Sep 24 12:43:26.666: RASLib::RASSendBCF: BCF (seq# 4356) sent to
      14.1.123.95
027311: *Sep 24 12:43:26.666: //23/006E38C40300/H323/cch323_peer_channel_ack:
      Will send peer chn ack to IWF sm
027312: *Sep 24 12:43:26.666: //23/006E38C40300/H323/run_h245_iwf_sm:
      received IWF_EV_PEER_CHN_ACK while at state IWF_OLC_OUT_AWAIT_BCF_PEER_ACK
027313: *Sep 24 12:43:26.670: //23/006E38C40300/H323/h245_iwf_set_new_state:
      changing from IWF_OLC_OUT_AWAIT_BCF_PEER_ACK state to IWF_OLC_AWAIT_BCF_ESTIND_RCVD state
027314: *Sep 24 12:43:26.670: //24/006E38C40300/H323/cch323_peer_channel_ack:
      Will send peer chn ack to IWF sm
027315: *Sep 24 12:43:26.670: //24/006E38C40300/H323/run_h245_iwf_sm:
      received IWF_EV_PEER_CHN_ACK while at state IWF_OLC_OUTDONE_AWAIT_PEER_ACK
027316: *Sep 24 12:43:26.670: //24/006E38C40300/H323/h245_olc_in_sm:
      Received H245_EV_OLC_EST_RESP while at state H245_OLC_IN_STATE_AWAIT_EST
027317: *Sep 24 12:43:26.670: H245 MSC OUTGOING PDU ::=
```

```
value MultimediaSystemControlMessage ::= response : openLogicalChannelAck :
{
  forwardLogicalChannelNumber 1
  forwardMultiplexAckParameters h2250LogicalChannelAckParameters :
  {
    sessionID 1
    mediaChannel unicastAddress : ipAddress :
    {
      network '0E017B5F'H
      tsapIdentifier 16772
    }
    mediaControlChannel unicastAddress : ipAddress :
    {
      network '0E017B5F'H
      tsapIdentifier 16773
    }
  }
}
```

```
027318: *Sep 24 12:43:26.678: H245 MSC OUTGOING ENCODE BUFFER ::=
      22C000000480101C00000E017B5F4184000E017B5F4185
027319: *Sep 24 12:43:26.678:
027320: *Sep 24 12:43:26.678: //24/006E38C40300/H323/cch323_send_open_channel_ack:
      Send OLC Ack in passthru mode: retcode 0
027321: *Sep 24 12:43:26.678: //24/006E38C40300/H323/h245_olc_in_set_new_state:
      Changing from H245_OLC_IN_STATE_AWAIT_EST state to H245_OLC_IN_STATE_ESTABLISHED state
027322: *Sep 24 12:43:26.678: //24/006E38C40300/H323/h245_iwf_set_new_state:
      changing from IWF_OLC_OUTDONE_AWAIT_PEER_ACK state to IWF_OLC_DONE state
```

```
027323: *Sep 24 12:43:26.678: //24/006E38C40300/H323/run_h245_iwf_sm:
    received IWF_EV_OLC_DONE while at state IWF_ACTIVE
027324: *Sep 24 12:43:26.682: //24/006E38C40300/H323/run_h225_sm:
    Received event H225_EV_H245_SUCCESS while at state H225_WAIT_FOR_H245
027325: *Sep 24 12:43:26.682: //24/006E38C40300/H323/cch323_h225_set_new_state:
    Changing from H225_WAIT_FOR_H245 state to H225_ACTIVE state
027326: *Sep 24 12:43:26.682: //24/006E38C40300/H323/setup_cfm_notify:
    status = 8800261B
027327: *Sep 24 12:43:26.682:
    //24/006E38C40300/H323/cch323_h225_handle_deferred_ind:
    UnBuffering deferred indications
027328: *Sep 24 12:43:26.682: h323chan_chn_process_read_socket
027329: *Sep 24 12:43:26.682: h323chan_chn_process_read_socket:
    fd=2 of type CONNECTED has data
027330: *Sep 24 12:43:26.682: h323chan_chn_process_read_socket:
    h323chan accepted/connected fd=2

027331: *Sep 24 12:43:26.682: h323chan_dgram_rcvdata:rcvd from [14.1.123.95:1719]
    on fd=2

027332: *Sep 24 12:43:26.682: RAS INCOMING ENCODE BUFFER ::= 341103402080
027333: *Sep 24 12:43:26.682:
027334: *Sep 24 12:43:26.686: RAS INCOMING PDU ::=
```

```
value RasMessage ::= bandwidthConfirm :
{
    requestSeqNum 4356
    bandwidth 8320
}
```

```
027335: *Sep 24 12:43:26.686: BCF (seq# 4356) rcvd
027336: *Sep 24 12:43:26.686: //23/006E38C40300/H323/run_h245_iwf_sm:
    received IWF_EV_BCF while at state IWF_OLC_DONE
027337: *Sep 24 12:43:26.686: //23/006E38C40300/H323/run_h245_iwf_sm:
    received IWF_EV_BCF while at state IWF_OLC_AWAIT_BCF_ESTIND_RCVD
027338: *Sep 24 12:43:26.686: //23/006E38C40300/H323/h245_olc_out_sm:
    Received H245_EV_OLC_EST_REQ while at state H245_OLC_OUT_STATE_IDLE
027339: *Sep 24 12:43:26.686: //23/006E38C40300/H323/h245_olc_out_set_new_state:
    Changing from H245_OLC_OUT_STATE_IDLE state
    to H245_OLC_OUT_STATE_AWAIT_EST state
027340: *Sep 24 12:43:26.686: //23/006E38C40300/H323/cch323_send_olc_passthru:
    ccb channel 2
027341: *Sep 24 12:43:26.690: //23/006E38C40300/H323/cch323_send_olc_passthru:
    Use the flow thru address
027342: *Sep 24 12:43:26.690: H245 MSC OUTGOING PDU ::=
```

```
value MultimediaSystemControlMessage ::= request : openLogicalChannel :
{
    forwardLogicalChannelNumber 2
    forwardLogicalChannelParameters
    {
        dataType videoData : h263VideoCapability :
        {
            cifMPI 1
            maxBitRate 3840
            unrestrictedVector FALSE
            arithmeticCoding FALSE
            advancedPrediction FALSE
            pbFrames FALSE
            temporalSpatialTradeOffCapability FALSE
            errorCompensation FALSE
        }
    }
}
```

```

multiplexParameters h2250LogicalChannelParameters :
{
  sessionID 2
  mediaControlChannel unicastAddress : ipAddress :
  {
    network '0E017B5F'H
    tsapIdentifier 17181
  }
}
}
}

```

```

027343: *Sep 24 12:43:26.698: H245 MSC OUTGOING ENCODE BUFFER::=
0300000108E400800EFF0070400100800A040002000E017B5F431D
027344: *Sep 24 12:43:26.698:
027345: *Sep 24 12:43:26.698: //23/006E38C40300/H323/cch323_send_olc_passthru:
Sent OLC in passthru mode: retcode 0
027346: *Sep 24 12:43:26.698: //23/006E38C40300/H323/h245_olc_in_sm:
Received H245_EV_OLC_EST_RESP while at state H245_OLC_IN_STATE_AWAIT_EST
027347: *Sep 24 12:43:26.698: H245 MSC OUTGOING PDU ::=

```

```

value MultimediaSystemControlMessage ::= response : openLogicalChannelAck :
{
  forwardLogicalChannelNumber 2
  forwardMultiplexAckParameters h2250LogicalChannelAckParameters :
  {
    mediaChannel unicastAddress : ipAddress :
    {
      network '0E017B5F'H
      tsapIdentifier 17180
    }
    mediaControlChannel unicastAddress : ipAddress :
    {
      network '0E017B5F'H
      tsapIdentifier 17181
    }
    flowControlToZero FALSE
  }
}

```

```

027348: *Sep 24 12:43:26.706: H245 MSC OUTGOING ENCODE BUFFER::=
22C000010480134C000E017B5F431C000E017B5F431D03000100
027349: *Sep 24 12:43:26.706:
027350: *Sep 24 12:43:26.710: //23/006E38C40300/H323/cch323_send_open_channel_ack:
Send OLC Ack in passthru mode: retcode 0
027351: *Sep 24 12:43:26.710: //23/006E38C40300/H323/h245_olc_in_set_new_state:
Changing from H245_OLC_IN_STATE_AWAIT_EST state to H245_OLC_IN_STATE_ESTABLISHED state
027352: *Sep 24 12:43:26.710: //23/006E38C40300/H323/h245_iwf_set_new_state:
changing from IWF_OLC_AWAIT_BCF_ESTIND_RCVD state
to IWF_OLC_INDONE_AWAIT_EST_CFM state
027353: *Sep 24 12:43:26.714: h323chan_chn_process_read_socket
027354: *Sep 24 12:43:26.714: h323chan_chn_process_read_socket:
fd=7 of type CONNECTED has data
027355: *Sep 24 12:43:26.714: h323chan_chn_process_read_socket:
h323chan accepted/connected fd=7

027356: *Sep 24 12:43:26.714: h245_decode_one_pdu:
more_pdus = 0, bytesLeftToDecode = 4
027357: *Sep 24 12:43:26.714: H245 MSC INCOMING ENCODE BUFFER::= 4C000128
027358: *Sep 24 12:43:26.718:

```

027359: *Sep 24 12:43:26.718: H245 MSC INCOMING PDU ::=

```
value MultimediaSystemControlMessage ::= command : miscellaneousCommand :
{
  logicalChannelNumber 2
  type videoFastUpdatePicture : NULL
}
```

027360: *Sep 24 12:43:26.718: h245_decode_one_pdu:

H245ASND decodePdu rc = 0, bytesLeftToDecode = 0

027361: *Sep 24 12:43:26.718: h245_decode_one_pdu: Read Pkt body:

more_pdus:0 rc:0 asn_rc:0

027362: *Sep 24 12:43:26.718: //24/006E38C40300/CCAPI/cc_api_event_indication:
Event=145, Call Id=24

027363: *Sep 24 12:43:26.718: //24/006E38C40300/CCAPI/cc_api_event_indication:
Event Is Sent To Conferenced SPI(s) Directly

027364: *Sep 24 12:43:26.718: //-1/xxxxxxxxxxxx/H323/cch245_event_handler:
callID=23

027365: *Sep 24 12:43:26.718: //-1/xxxxxxxxxxxx/H323/cch245_event_handler:
Event CC_EV_H245_PASSTHRU received

027366: *Sep 24 12:43:26.722: H245 MSC OUTGOING PDU ::=

```
value MultimediaSystemControlMessage ::= command : miscellaneousCommand :
{
  logicalChannelNumber 2
  type videoFastUpdatePicture : NULL
}
```

027367: *Sep 24 12:43:26.722: H245 MSC OUTGOING ENCODE BUFFER::= 4C000128

027368: *Sep 24 12:43:26.722:

027369: *Sep 24 12:43:26.726: //23/006E38C40300/H323/cch323_send_passthru_out:
Send passthru message retcode 0

027370: *Sep 24 12:43:27.067: h323chan_chn_process_read_socket

027371: *Sep 24 12:43:27.067: h323chan_chn_process_read_socket:
fd=6 of type ACCEPTED has data

027372: *Sep 24 12:43:27.067: h323chan_chn_process_read_socket:
h323chan accepted/connected fd=6

027373: *Sep 24 12:43:27.071: h245_decode_one_pdu:

more_pdus = 0, bytesLeftToDecode = 23

027374: *Sep 24 12:43:27.071: H245 MSC INCOMING ENCODE BUFFER::=

22C000010480101C02000E32C9114B84000E32C9114B85

027375: *Sep 24 12:43:27.071:

027376: *Sep 24 12:43:27.071: H245 MSC INCOMING PDU ::=

```
value MultimediaSystemControlMessage ::= response : openLogicalChannelAck :
{
  forwardLogicalChannelNumber 2
  forwardMultiplexAckParameters h2250LogicalChannelAckParameters :
  {
    sessionID 2
    mediaChannel unicastAddress : ipAddress :
    {
      network '0E32C911'H
      tsapIdentifier 19332
    }
    mediaControlChannel unicastAddress : ipAddress :
    {
      network '0E32C911'H
      tsapIdentifier 19333
    }
  }
}
```

```
}  
}  
}
```

```
027377: *Sep 24 12:43:27.079: h245_decode_one_pdu:  
      H245ASNDecodePdu rc = 0, bytesLeftToDecode = 0  
027378: *Sep 24 12:43:27.079: h245_decode_one_pdu: Read Pkt body:  
      more_pdus:0 rc:0 asn_rc:0  
027379: *Sep 24 12:43:27.079: //23/006E38C40300/H323/cch323_get_olc_ack_instance:  
      Received OLC_ACK1 msg olc[2] ccb olc[1]  
027380: *Sep 24 12:43:27.079: //23/006E38C40300/H323/h245_olc_out_sm:  
      Received H245_EV_OLC_CFM while at state H245_OLC_OUT_STATE_AWAIT_EST  
027381: *Sep 24 12:43:27.079: //23/006E38C40300/H323/h323_open_add_rtp_stream:  
      ip_video_tos 136  
027382: *Sep 24 12:43:27.083: //23/006E38C40300/H323/h245_olc_out_set_new_state:  
      Changing from H245_OLC_OUT_STATE_AWAIT_EST state to H245_OLC_OUT_STATE_ESTABLISHED state  
027383: *Sep 24 12:43:27.083: //23/006E38C40300/H323/run_h245_iwf_sm:  
      received IWF_EV_OLC_EST_CFM while at state IWF_OLC_INDONE_AWAIT_EST_CFM  
027384: *Sep 24 12:43:27.083:  
      //23/006E38C40300/H323/h245_iwf_request_rsvp_on_olc_ack:  
      ch=2 non-bestEffort=0 sync=0 is_ipip=1, nonsync_rsvp=0  
027385: *Sep 24 12:43:27.083:  
      //23/006E38C40300/H323/h245_iwf_request_rsvp_on_olc_ack:  
      qos_mod_used=0, callType=1, do_rsvp=0, flowMode=1  
027386: *Sep 24 12:43:27.083: //23/006E38C40300/H323/estCfmOlcIndoneAwaitEstCfm:  
      Sending olc ack trigger to peer side  
027387: *Sep 24 12:43:27.083: //-1/xxxxxxxxxxxxx/H323/cch323_do_open_channel_ack:  
      callID=23, sending event CC_EV_H245_OPEN_CHANNEL_ACK, peer channel pointer  
      0x86042150  
027388: *Sep 24 12:43:27.083: //23/006E38C40300/CCAPI/cc_api_event_indication:  
      Event=142, Call Id=23  
027389: *Sep 24 12:43:27.083: //23/006E38C40300/CCAPI/cc_api_event_indication:  
      Event Is Sent To Conferenced SPI(s) Directly  
027390: *Sep 24 12:43:27.087: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:  
      callID=24  
027391: *Sep 24 12:43:27.087: //-1/xxxxxxxxxxxxx/H323/cch245_event_handler:  
      Event CC_EV_H245_OPEN_CHANNEL_ACK received, channelInfo ptr 0x86042150  
027392: *Sep 24 12:43:27.087: //-1/xxxxxxxxxxxxx/H323/cch323_open_channel_ack:  
      callID=24, Channel info: codec=-1 rtp=19332 rtcp=19333 aadr=0xE32C911  
027393: *Sep 24 12:43:27.087: //23/006E38C40300/H323/h245_iwf_set_new_state:  
      changing from IWF_OLC_INDONE_AWAIT_EST_CFM state to IWF_OLC_DONE state  
027394: *Sep 24 12:43:27.087: //23/006E38C40300/H323/run_h245_iwf_sm:  
      received IWF_EV_OLC_DONE while at state IWF_ACTIVE  
027395: *Sep 24 12:43:27.087: //23/006E38C40300/H323/run_h225_sm:  
      Received event H225_EV_H245_SUCCESS while at state H225_ACTIVE  
027396: *Sep 24 12:43:27.091: //24/006E38C40300/H323/cch323_peer_channel_ack:  
      Will send peer chn ack to IWF sm  
027397: *Sep 24 12:43:27.091: //24/006E38C40300/H323/run_h245_iwf_sm:  
      received IWF_EV_PEER_CHN_ACK while at state IWF_OLC_OUTDONE_AWAIT_PEER_ACK  
027398: *Sep 24 12:43:27.091: //24/006E38C40300/H323/h245_olc_in_sm:  
      Received H245_EV_OLC_EST_RESP while at state H245_OLC_IN_STATE_AWAIT_EST  
027399: *Sep 24 12:43:27.091: H245 MSC OUTGOING PDU ::=
```

```
value MultimediaSystemControlMessage ::= response : openLogicalChannelAck :  
{  
  forwardLogicalChannelNumber 2  
  forwardMultiplexAckParameters h2250LogicalChannelAckParameters :  
{  
  sessionID 2  
  mediaChannel unicastAddress : ipAddress :  
{  
    network '0E017B5F'H
```

```

        tsapIdentifier 17338
    }
    mediaControlChannel unicastAddress : ipAddress :
    {
        network '0E017B5F'H
        tsapIdentifier 17339
    }
}
}
}

```

步骤29

4085252000挂断呼叫。CUBE-2接收H225版本完整从CME。

(GK-CUBE-2.txt)

```
027697: *Sep 24 12:44:23.720: H225.0 INCOMING PDU ::=
```

```
value H323_UserInformation ::=
```

```

{
    h323-uu-pdu
    {
        h323-message-body releaseComplete : { protocolIdentifier { 0 0 8 2250 0 4 }
callIdentifier { guid '006E38C43570518C030003010E32CA1F'H } } h245Tunneling FALSE } } 027698:
*Sep 24 12:44:23.724: //-1/xxxxxxxxxxxxx/H323/cch323_h225_receiver: Received msg of type
RELEASEIND_CHOSEN 027699: *Sep 24 12:44:23.724: //24/006E38C40300/H323/release_ind: Disconnect
cause 16 location code 0 027700: *Sep 24 12:44:23.724:
//24/006E38C40300/H323/cch323_h225_receiver: RELEASEIND_CHOSEN: src address = 14.1.123.95; dest
address = 14.1.125.125 027701: *Sep 24 12:44:23.724: //24/006E38C40300/H323/run_h225_sm:
Received event H225_EV_RELEASE_IND while at state H225_ACTIVE 027702: *Sep 24 12:44:23.728:
//24/006E38C40300/CCAPI/cc_api_call_disconnected: Cause Value=16, Interface=0x855A8B64, Call
Id=24 027703: *Sep 24 12:44:23.728: //24/006E38C40300/CCAPI/cc_api_call_disconnected: Call
Entry(Responded=TRUE, Cause Value=16, Retry Count=0)

```

步骤30

在接收/发送版本完整以后，CCM、CUBE-1、CUBE-2和CME发送断连请求(DRQ)到他们的各自网守。

(GK-CUBE-2.txt)

```
027712: *Sep 24 12:44:23.736: RAS INCOMING PDU ::=
```

```

value RasMessage ::= disengageRequest : { requestSeqNum 1960 endpointIdentifier
{"860100E800000002"} conferenceID '006E38C43570518C030003010E32CA1F'H callReferenceValue 8
disengageReason normalDrop : NULL callIdentifier { guid '006E38C43570518C030003010E32CA1F'H }
answeredCall TRUE usageInformation { nonStandardUsageFields { { nonStandardIdentifier
h221NonStandard : { t35CountryCode 181 t35Extension 0 manufacturerCode 18 } data '584020020100'H
} } connectTime 1220898589 endTime 1220898647 } terminationCause releaseCompleteCauseIE :
'08028090'H }

```

步骤31

CUBE-2发送版本完整对CUBE-1，然后传送对应的版本完整信息对Cisco Unified Communications Manager和呼叫断开。

(GK-CUBE-2.txt)

```

027733: *Sep 24 12:44:23.768: //23/006E38C40300/H323/run_h225_sm: Received event H225_EV_RELEASE
while at state H225_ACTIVE 027734: *Sep 24 12:44:23.768:
//23/006E38C40300/H323/cch323_h225_set_new_state: Changing from H225_ACTIVE state to

```



```
H225_WAIT_FOR_DRQ state 027735: *Sep 24 12:44:23.768:
//23/006E38C40300/H323/cch323_h225_send_release: Cause = 16; Location = 0 027736: *Sep 24
12:44:23.768: //23/006E38C40300/H323/cch323_h225_send_release: h225TerminateRequest: src address
= 234978143; dest address = 14.50.201.17 027737: *Sep 24 12:44:23.768: H225.0 OUTGOING PDU ::=
value H323_UserInformation ::= { h323-uu-pdu { h323-message-body releaseComplete : {
protocolIdentifier { 0 0 8 2250 0 4 } callIdentifier { guid '006E38C43570518C030003010E32CA1F'H
} } h245Tunneling FALSE } }
```

[相关信息](#)

- [语音技术支持](#)
- [语音和统一通信产品支持](#)
- [Cisco IP 电话故障排除](#)
- [技术支持和文档 - Cisco Systems](#)