

MediaSense Missing Recorded Media Troubleshooting Tips

Contents

[Introduction](#)

[Prerequisites](#)

[Requirements](#)

[Components Used](#)

[Background Information](#)

[Problem](#)

[Most Common Issues](#)

[Pruned Media](#)

[Pruning for Age](#)

[Example Log Analysis for Tracing Recording Pruning by Age](#)

[Pruning for Space](#)

[Pruning Before Archival](#)

[Codec Negotiation Failure from CUCM](#)

[MS Logs](#)

[CUCM Logs](#)

[Common Codecs](#)

Introduction

This document describes common issues seen on MediaSense (MS) which cause lost recordings or unplayable on the server.

Prerequisites

Requirements

Cisco recommends you have the knowledge on these topics:

- Cisco MS
- Cisco Unified Contact Center Express (UCCX)
- Cisco Unified Communications Manager (CUCM)

Components Used

The information in this document is based on these software and hardware versions:

- MS 10.5 and latter

- Call Manager 11.0

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

Background Information

One of the most common issues encountered on MS is that it is not able to access recordings because the media is removed from MS. This document explains how to better troubleshoot these types of scenarios in order to help understand why the recorded media is not on MS.

Problem

You are unable to play recordings from MS Search and Play. The track size shows 00:00:00 and there is a yellow exclamation mark to the left of the recording that indicates that there is no media as shown in the image.

The screenshot shows a search interface with a search bar containing 'Search Recording by Participants or Tags' and a green 'Search' button. Below the search bar, it says 'Search Results as of 2016/03/01, 11:50 GMT+09:00'. The results are displayed in a table with columns: Extension, Login Id, Last Name, First Name, Login Name, Line Name, XRefci, CCID, Codec, and Time. Each row represents a recording with a yellow exclamation mark icon and a link icon to the left. The error messages for each recording are: 'cb1530c27328a1 ERROR: Record Cancelled', 'cc1530c2836851 ERROR: Record Cancelled', 'db153125f57fd2 ERROR: Zero Size Tracks', 'de153127f76592 ERROR: Zero Size Tracks', 'df1531281bb772 ERROR: Record Cancelled', and 'de153128f51041 ERROR: Record Cancelled'. The time for all recordings is 00:00:00.

Extension	Login Id	Last Name	First Name	Login Name	Line Name	XRefci	CCID	Codec	Time
3903	-	-	-	-	-	34640370	-	MP4A-LATM	00:00:00
3901	3901	TEST	01	3901	TEST 01	34640369	-	MP4A-LATM	00:00:00

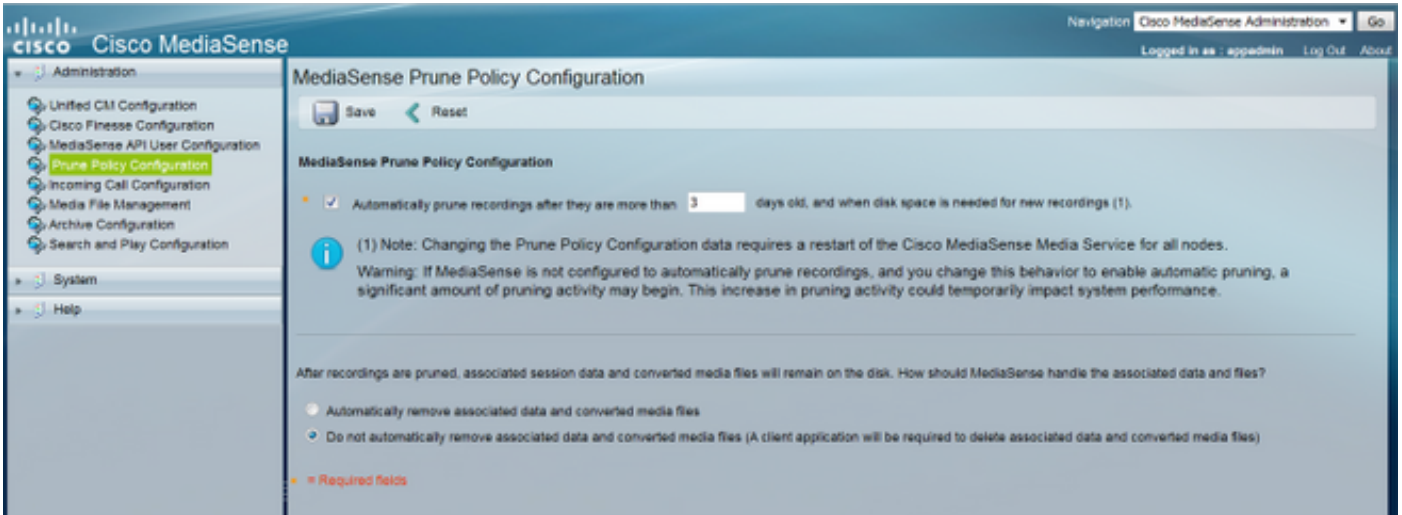
Most Common Issues

Pruned Media

The pruning configuration on MS can prune recordings if they have passed a certain age or if more disk space is needed for newer recordings.

You can find your pruning settings at this location: **Cisco MediaSense Administration > Administration > Prune Policy Configuration**. If the **Do not automatically remove associated data and converted media files** setting is selected, then when recordings are pruned from the

server, their meta data remains, and a yellow exclamation mark with an error "Record Cancelled" or "Zero Size Tracks" is displayed as shown in the image.



The fastest way to verify this is with groom.log generated by the Media service.

Pruning for Age

You can collect the groom.log and/or orapurge.log from the Media service log collection from Real Time Monitoring Tool (RTMT), or you can quickly use the Command Line Interface (CLI):

Note: The groom log shows the raw SMD file, which is associated with the session ID from the Media Service's MySQL database. It's cumbersome in order to get a session ID from an SMD file as it takes root access to the server. These logs are only good in order to understand of the age of the pruned recordings.

For example, these logs shows that recordings from January 4, 2017, get pruned:

```
admin:file view activelog /ora/logs/media/groom.log
|2017-01-05 15:04:37.169| 10093: RUNNING min 86400 secs max 1 days evtmax 1 days
|2017-01-05 15:04:37.169| RETENTION groom /recordedMedia/10093/20170104/586d4513.smd
|2017-01-05 15:04:37.172| RETENTION groom /recordedMedia/10093/20170104/586d463f.smd
|2017-01-05 15:04:37.190| PRUNED DB config before Wed Jan 4 16:11:49 2017

|2017-01-05 15:04:37.252| 10198: RUNNING min 86400 secs max 1 days evtmax 1 days
|2017-01-05 15:04:37.252| RETENTION groom /recordedMedia/10198/20170104/586d45e8.smd
|2017-01-05 15:04:37.272| PRUNED DB config before Wed Jan 4 16:07:41 2017

|2017-01-05 15:04:37.291| 10055: RUNNING min 86400 secs max 1 days evtmax 1 days
|2017-01-05 15:04:37.291| RETENTION groom /recordedMedia/10055/20170104/586d4632.smd
|2017-01-05 15:04:37.311| PRUNED DB config before Wed Jan 4 16:10:05 2017
```

orapurge.logshow a little more detail as the session ID and track numbers are presented:

```
admin: file view activelog /ora/logs/media/orapurge.log
2017-01-10 14:50:26.551 [ OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:71> ]
OraSessionPurge purging begins...
2017-01-10 14:50:27.189 [ OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:106> ]
Recording id 10000 first time 1483988829 (5873df5d)
2017-01-10 14:50:27.190 [ OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:114> ] Found 0
clips below requested time
2017-01-10 14:50:27.190 [ OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:106> ]
Recording id 10001 first time 1483993518 (5873f1ae)
```

2017-01-10 14:50:27.191 [OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:114>] Found 1 clips below requested time

2017-01-10 14:50:27.193 [OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:142>] ORA session 56e21598489cf631-TRACK0 has been groomed and is now removed

Example Log Analysis for Tracing Recording Pruning by Age

In this example, you see recordings have been pruned much faster than the 90 prune settings.

In the ORA-ora logs, you see that recording with Session ID 56e5159848cca971, came into MS just fine and closed with a CLOSED_NORMAL state.

The recording started at epoch time 1483987536761, which is 'Mon Jan 9 13:45:36 2017 GMT-5:00'.

You see that the media URL in here as well, which shows a recording saved.

```
0005394466: 10.45.2.17: Jan 10 2017 14:58:09.955 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-8} Result from the command -
```

```
{ "responseMessage": "Success: Your request was successfully completed.", "responseCode": 2000, "responseBody": ... (removed for brevity)
```

```
{ "sessionState": "CLOSED_NORMAL", "callControllerType": "Cisco-CUCM", "sessionId": "56e5159848cca971", "urls": { "httpUrl": "https://10.45.2.17:8446/recordedMedia/oramedia/mp4/56e5159848cca971.mp4", "rtspUrl": "rtsp://10.45.2.17/archive/56e5159848cca971", "mp4Url": "https://10.45.2.17:8446/recordedMedia/oramedia/mp4/56e5159848cca971.mp4", "wavUrl": "https://10.45.2.17:8446/recordedMedia/oramedia/wav/56e5159848cca971.wav" }, "sessionStartDate": 1483987536761, "tracks": [ { "trackStartDate": 1483987536761, "trackDuration": 166256, "codec": "PCMU", "downloadUrl": "https://10.45.2.17:8446/mma/ExportRaw?recording=56e5159848cca971-TRACK1", "trackNumber": 1, "trackMediaType": "AUDIO", "participants": [ { "participantStartDate": 1483987536761, "deviceRef": "7876050871", "isConference": false, "xRefCi": "40461072", "participantDuration": 166256, "deviceId": "DOM-WAN-RT1" } ] }, { "trackStartDate": 1483987536761, "trackDuration": 166256, "codec": "PCMU", "downloadUrl": "https://10.45.2.17:8446/mma/ExportRaw?recording=56e5159848cca971-TRACK0", "trackNumber": 0, "trackMediaType": "AUDIO", "participants": [ { "participantStartDate": 1483987536761, "deviceRef": "3204", "lineDisplayName": "SIN ASIGNAR AREA CAJA", "isConference": false, "xRefCi": "18891730", "participantDuration": 166256, "deviceId": "SEP00CCFC16F00D" } ] } ], "sessionDuration": 166256, "callControllerIP": "10.64.0.12" }
```

You see that this recording gets purged in the orapurge.log. Track1 and Track0 are for the separate parties in the recording:

```
2017-01-10 15:00:26.539 [ OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:71> ] OraSessionPurge purging begins...
```

```
2017-01-10 15:00:27.205 [ OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:106> ] Recording id 10000 first time 1483988829 (5873df5d)
```

```
2017-01-10 15:00:27.205 [ OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:114> ] Found 0 clips below requested time
```

```
2017-01-10 15:00:27.206 [ OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:106> ] Recording id 10001 first time 1483993518 (5873f1ae)
```

```
...
2017-01-10 15:00:27.239 [ OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:106> ] Recording id 10043 first time 1483994599 (5873f5e7)
```

```
2017-01-10 15:00:27.239 [ OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:114> ] Found 1 clips below requested time
```

```
2017-01-10 15:00:27.242 [ OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:142> ] ORA session 56e5159848cca971-TRACK1 has been groomed and is now removed
```

```
...
2017-01-10 15:00:27.464 [ OraSessionPurge(19409) ORA_PURGE=1 <OraSessionPurge.cpp:193> ]
```

OraSessionPurge purging completes.

The ORA-ora logs show us the sessions that are pruned, it includes the session previously shown:

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

This shows the 6 pruned sessions:

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

Pruning for Space

You can also see when recordings are pruned to reclaim disk space for new recordings. When a MS reaches the critical condition of the /recordedMedia partition reaching 90 percent, older recordings (even if younger than the age threshold) are pruned to make room for new ones. MS prunes the batches of 200 recordings until the disk space is at or lower than 86%.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

Pruning Before Archival

Recording archival to an SFTP server was introduced in MS 10.5. In some cases, you can have media pruned before archival can take place. A common issue is that the connectivity to the SFTP server goes down, and while the recording has been archived a long time in advance, MS cannot do so due to connection issues with the SFTP server. MediaSense repeatedly tries to archive a recording if the attempt to archive fails.

Here is an example of what you would see in the `/var/log/active/ora/logs/storagemanagement/ORA-storagemanagementagent.YYY-MM-DDTHH-MM-SS.sss.log`:

```
admin: file view activelog /ora/logs/media/storagemanagement/ORA-storagemanagementagent.YYY-MM-DDTHH-MM-SS.sss.log
```

```
Archived Session ID: ebcf45708f010bc1
SFTP Server IP: 10.75.41.225
```

MS converts the recording to MP4 for archival:

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

MS processes a request to transfer the recording:

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

MS attempts to connect to the SFTP server, but it fails with a Java Secure Channel (JSch) exception. JSch is a Java implementation of SSHv2 that MS uses for its SSH client:

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
```

```
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

Codec Negotiation Failure from CUCM

This example is with Built-in-Bridge (BiB) recording. In the CUCM/MS vocabulary, the near-end device is the device that transmits the audio to MS, this is a CUCM phone in the case of the phone configured with BiB recording. The far-end device is the device transmitting media to the recorded device. In the majority of cases, this is a CUCM SIP trunk, which is the device from which a PSTN phone's SIP signaling comes from. Equivalently, you can think of the near-end signaling is transmitted by the recorded device and the far-end signaling being received from the recorded device.

In this example, this is the call information you can see from MS Search and Play:

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

You see that there was likely a codec negotiation failure on the near-end call from the CUCM phone to the MS SIP trunk. xrefCIs seen are the CUCM CIs for the actual call and not for the call recorded by MS.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

On CUCM logs, these are the CIs found for the call to be recorded are:

0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration : 0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6, deleted sessions: 6

MS Logs

Near-end Call:

First Invite MS receives: Call-ID: 50459200-8261109d-125c82-2080fe0a@10.1.1.60 from the near-end device.

0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration : 0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6, deleted sessions: 6

MS sends 180 Ringing.

0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration : 0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6, deleted sessions: 6

MS sends 200 OK with SDP.

0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-


```
1484074962694-1, # sessions = 6]): Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

You get an ACK from CUCM for this call without SDP, which means that a codec was not chosen by CUCM.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-
PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-
103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

CUCM ends the call.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

Far-end Call:

Second Invite MS receives: Call-ID: 50459200-8261109d-125c83-2080fe0a@10.1.1.60 from the far-end device.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

MS sends 180 ringing for the second call.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

MS sends 200 OK with SDP.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

CUCM sends ACK with SDP. For this call leg, G729 is chosen since both servers support this from the SDP.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
```

```
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration : 0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

CUCM ends the call.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration : 0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

MS Records the call as a failure.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration : 0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

JSON file is created and saved in MS.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration : 0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
```

0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6, deleted sessions: 6

CUCM Logs

Here is the digit analysis for the CUCM phone's BiB that calls the MS dial pattern. b0042422044001 is the BiB DN.

0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration : 0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6, deleted sessions: 6

CUCMs response to the digit analysis. Here is the CI for the call: 71233611.

0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration : 0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6, deleted sessions: 6

CI from BiB to CUCM: 71233611.

0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration : 0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6, deleted sessions: 6

This CI is set up with CI 71233612. This is the CI for CUCM-MS SIP trunk connection. These two

CIs form the SIP Call-ID.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

Here is the invite to MS for this call with Call-ID 50459200-8261109d-125c82-2080fe0a.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

This is the call that failed to negotiate a codec.

Let's jump to the MS 200 OK with SDP and figure out why a codec could not be set.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,
deleted sessions: 6
```

Media connect request for the two CIs. MediaManager ID: 847431. Follow this ID to see why you could not set up media.

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :
0
```

0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6, deleted sessions: 6

The region relationship dictates that there is a max audio bit rate of 8kbps between these regions.

0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration : 0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6, deleted sessions: 6

Pty1 is coming from the LasVegas_Region and is set for (4,20)=G711 ulaw. (This is the agent phone).

Pty2 is coming from the SignalHill_Region and has 8 capabilities. (This is the MS SIP Trunk).

0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration : 0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6, deleted sessions: 6

There is a capabilities mismatch since G711 ulaw uses a 64kbps bit rate, so CUCM tries to invoke a transcoder. Correcting the region relationships eliminates the issue.

0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND: {Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration : 0
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-

```
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,  
deleted sessions: 6
```

To resolve this, you must correct the region relationship on CUCM to allow a larger maximum bit rate between regions - at least 64 kbps. It is recommended you create a new region for MS. Configure it to be the exact same as the old region except that you must increase the max bit rate to at least 64 kbps, and ensure any regions that use the system default for the max bit rate must be increased to at least 64 kbps. Copy the device pool set on the MS SIP trunk, assign the new region to this Device Pool, assign the Device Pool to the MS SIP trunk, reset the MS SIP trunk.

Common Codecs

In CUCM, the codecs are listed in the form (Cap,ptime), where Cap = capability = codex and ptime = packetization time. Here is a list of important codecs you can see in the 'Cap' field:

```
0005395238: 10.45.2.17: Jan 10 2017 15:02:47.745 -0400: %CCBU_API-6-PRUNE_SESSIONS_COMMAND:  
{Thrd=AMS-pool-1-thread-10} %[message=(Prune id = ORA.11.0.1.10000-103.ReplyTo.1.MMA.MMA1-  
1484074962694-1, # sessions = 6)]: Response to Prune Sessions Command  
0005395239: 10.45.2.17: Jan 10 2017 15:02:47.746 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-  
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) begin transaction duration :  
0  
0005395240: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-  
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) commit duration : 37  
0005395241: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-  
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) transaction duration : 66  
0005395242: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-  
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) method duration : 67  
0005395243: 10.45.2.17: Jan 10 2017 15:02:47.813 -0400: %CCBU_API-7-TRACE: {Thrd=AMS-pool-1-  
thread-10} deletePrunedSessions(Operation Id: 1386, # sessions: 6) deletable sessions: 6,  
deleted sessions: 6
```