Contenido

Introducción

Este documento describe los fundamentos de la grabación de la llamada dentro del administrador de las Comunicaciones unificadas de Cisco (CUCM), los media previstos fluye, los flujos de la llamada esperada para los dispositivos del Session Initiation Protocol (SIP) y del protocolo skinny client control (SCCP), y un ejemplo de un tipo común de error de la configuración de la grabación de la llamada.

Prerrequisitos

Requisitos

CUCM integrado con un servidor de tercera persona de la grabación.

Componentes Utilizados

CUCM, Cisco IP Phone (el IP es protocolo de Internet), y un servidor de la grabación de la llamada.

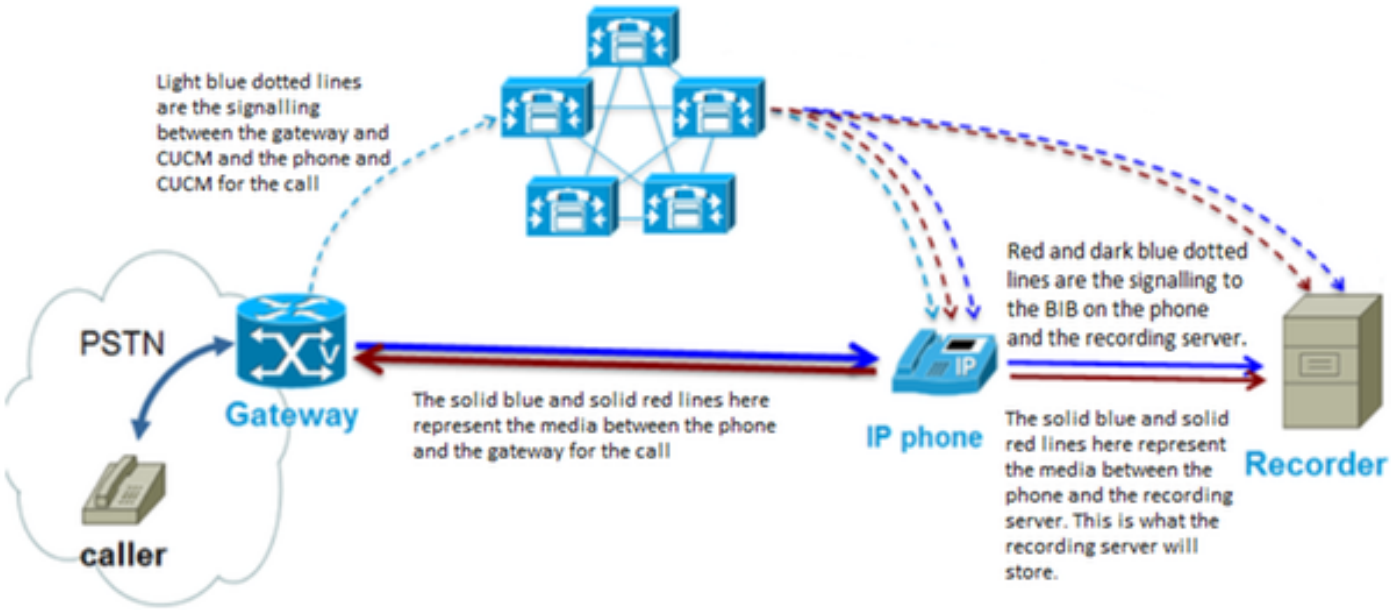
Tipos de grabación de la llamada

Automático

Los elementos fundamentales de la grabación de la llamada automática están abajo:

- ¿Utiliza el Construir-en-Bridge del teléfono del IP a? ¿fork? audio al destino de la grabación
- Iniciado cada vez que el teléfono del IP pone una llamada o recibe una llamada
- Requiere solamente un trunk del SORBO entre CUCM y el destino de la grabación. Algunos vendedores de la grabación requieren la integración CTI (integración de computadora y telefonía)
- No permite la registración de los teléfonos que están situados fuera de la red administrada (debe tener acceso para enviar el RTP directamente al servidor la registración y a ser un Cisco IP Phone capaz de afectar un aparato un Construir-en-Bridge)

En el diagrama a continuación las líneas llenas representan los media previstos fluyen y las líneas discontinuas representan el flujo previsto de la señalización:

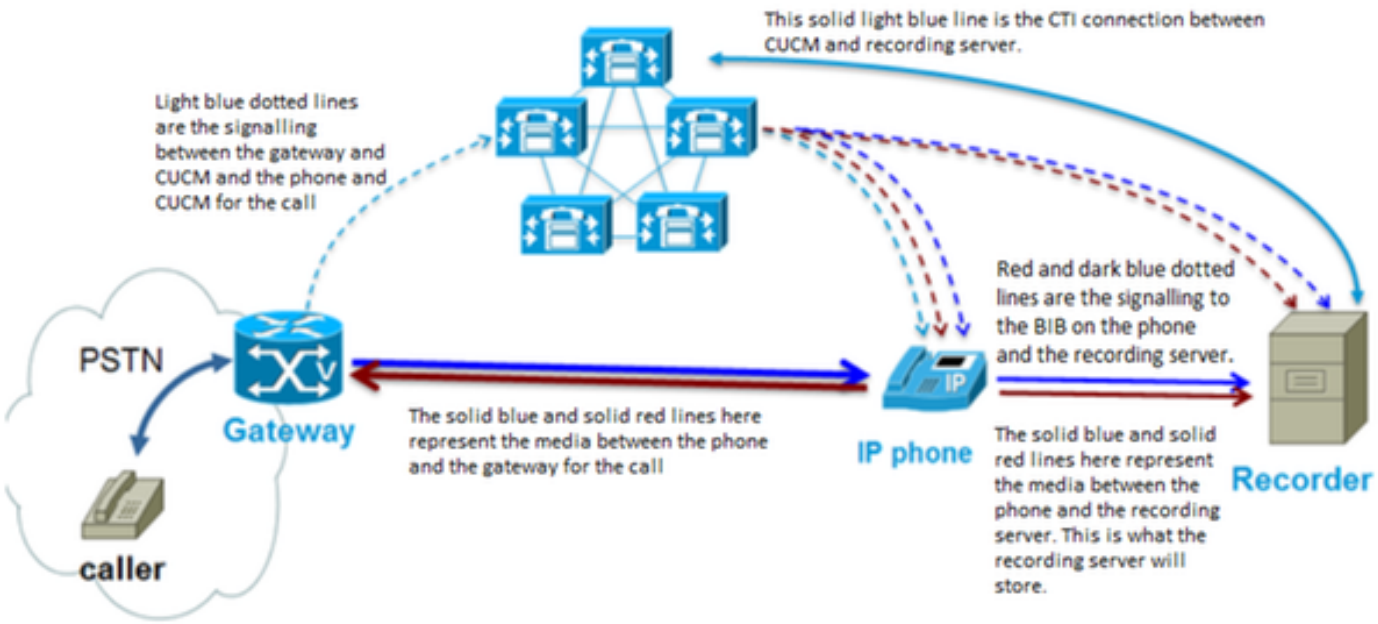


Aplicación invocada

Los elementos fundamentales de la grabación invocada aplicación de la llamada están abajo:

- ¿Utiliza el Construir-en-Bridge del teléfono del IP a? ¿fork? audio al destino de la grabación
- Iniciado cuando la aplicación (registrador) dicta que debe ser iniciada
- Requiere el trunk y la integración CTI del SORBO con la aplicación de la grabación
- El usuario de la aplicación CTI debe tener acceso a los puntos finales que necesitan ser registrados
- No permite la registración de los teléfonos que están situados fuera de la red administrada (debe tener acceso para enviar el RTP directamente al servidor la registración)

En el diagrama a continuación las líneas llenas representan los media previstos fluyen y las líneas discontinuas representan el flo de señalización previsto. La línea llena entre CUCM y el servidor de la grabación denota una conexión CTI entre CUCM y la aplicación.

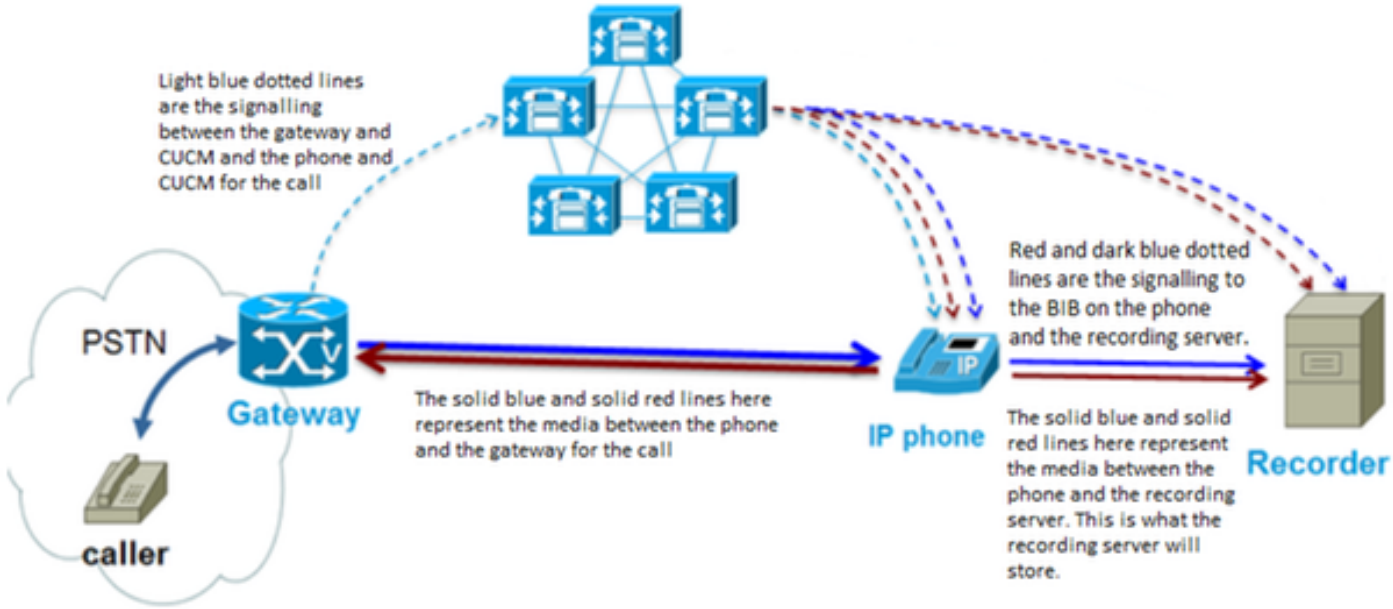


Selectivo

Los elementos fundamentales de la grabación selectiva de la llamada están abajo:

- ¿Utiliza el Construir-en-Bridge del teléfono del IP a? ¿fork? audio al destino de la grabación
- Iniciado cada vez que usuario de teléfono IP selecciona la opción de la grabación en su teléfono del IP (CUCM 9.x+) o en una aplicación como en esta imagen
- Requiere típicamente solamente un trunk del SORBO entre CUCM y el destino de la grabación (dependiendo del vendedor de la aplicación de la grabación)
- Prohibe a registración de los teléfonos esa mentira fuera de la red administrada (debe tener acceso para enviar el RTP directamente al servidor la registración)

Como usted puede ver en el diagrama a continuación, el media y el recorrido de la señal es muy similares a la grabación de la llamada automática:

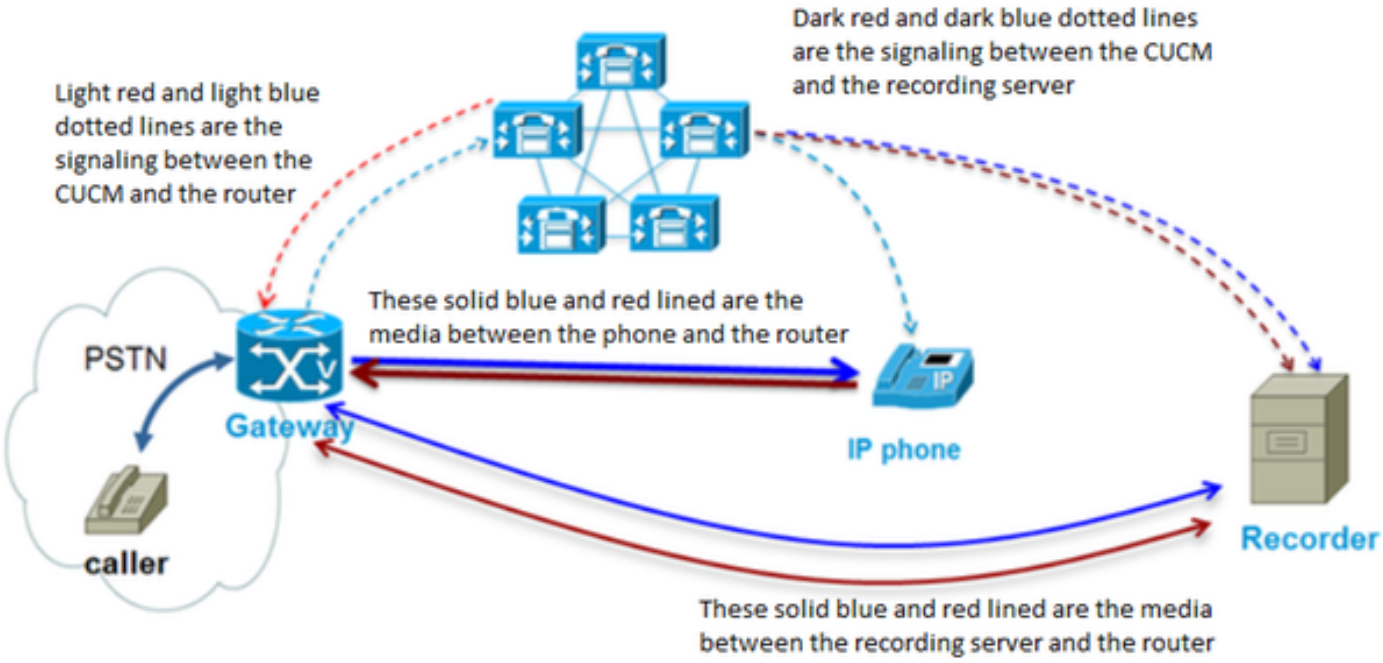


Gateway-basado

Los elementos fundamentales de la grabación del gateway-basedcall están abajo:

- El gateway de voz bifurca los media hacia el destino de la grabación
- Registros CUCM con el gateway como aplicación
- CUCM utiliza el HTTP para dar instrucciones el GW para fluir los media al destino de registración
- CUCM integra con el destino de la grabación vía el trunk del SORBO
- No prohibe a registración de las llamadas eso simplemente paso a través de la red administrada (por ejemplo, a los usuarios ambulantes) o para los teléfonos que no soportan el babero

Como usted puede ver del diagrama a continuación, los media fluyen son muy diferentes de los otros tipos de grabación de la llamada:

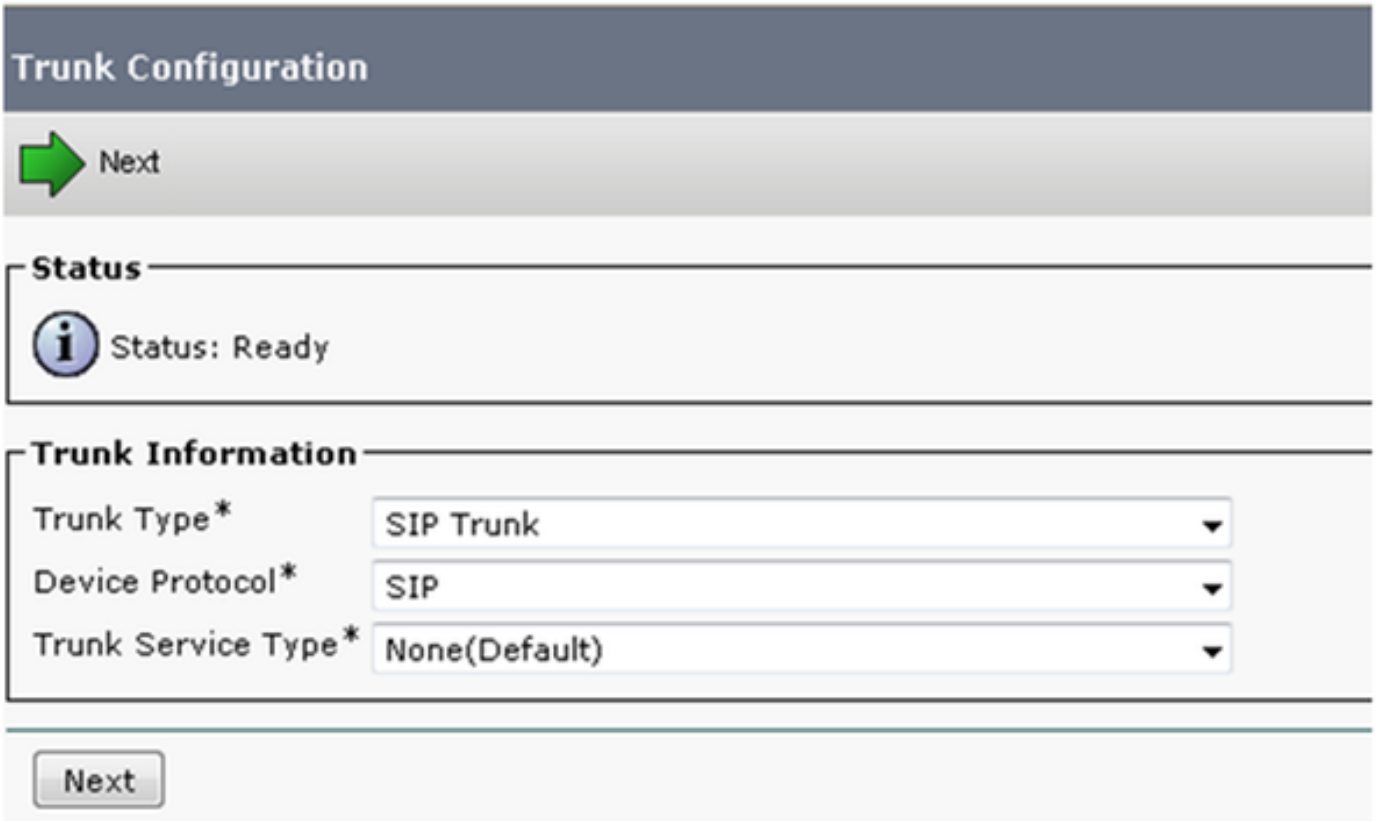


Configuración de la grabación de la llamada automática para la integración del SORBO solamente

Esta sección describe cómo poner la integración del SORBO de un servidor de la grabación.

Cree el trunk del SORBO al destino de la grabación

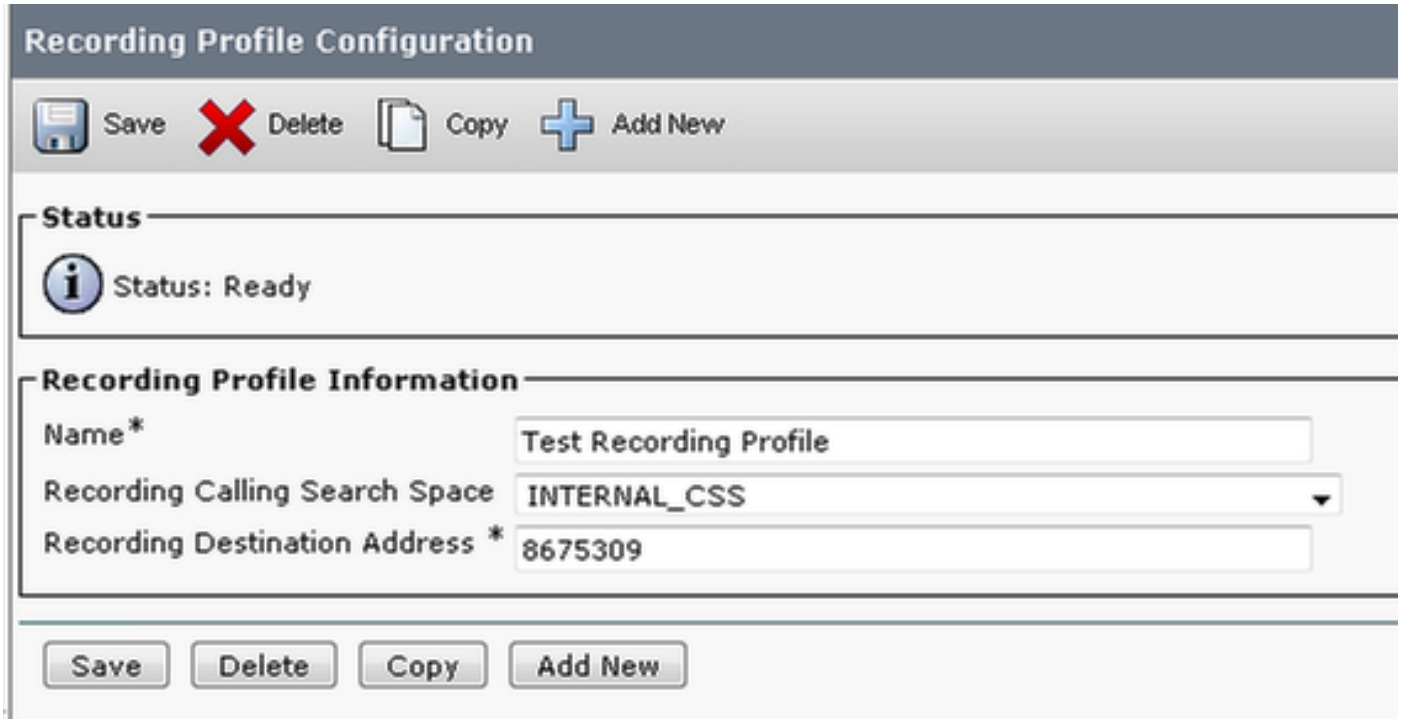
- Bajo el dispositivo > el trunk, selectos agregue nuevo
- Cree un trunk del SORBO con las configuraciones siguientes:



- Entre el Nombre del dispositivo, la agrupación de dispositivos, el perfil de seguridad del trunk MRGL, del SORBO, y el perfil apropiados del SORBO
- La dirección destino configurada será el direccionamiento del servidor de aplicaciones de la grabación. En el ejemplo debajo de la grabación el servidor es 14.48.32.170

Cree el perfil de la grabación

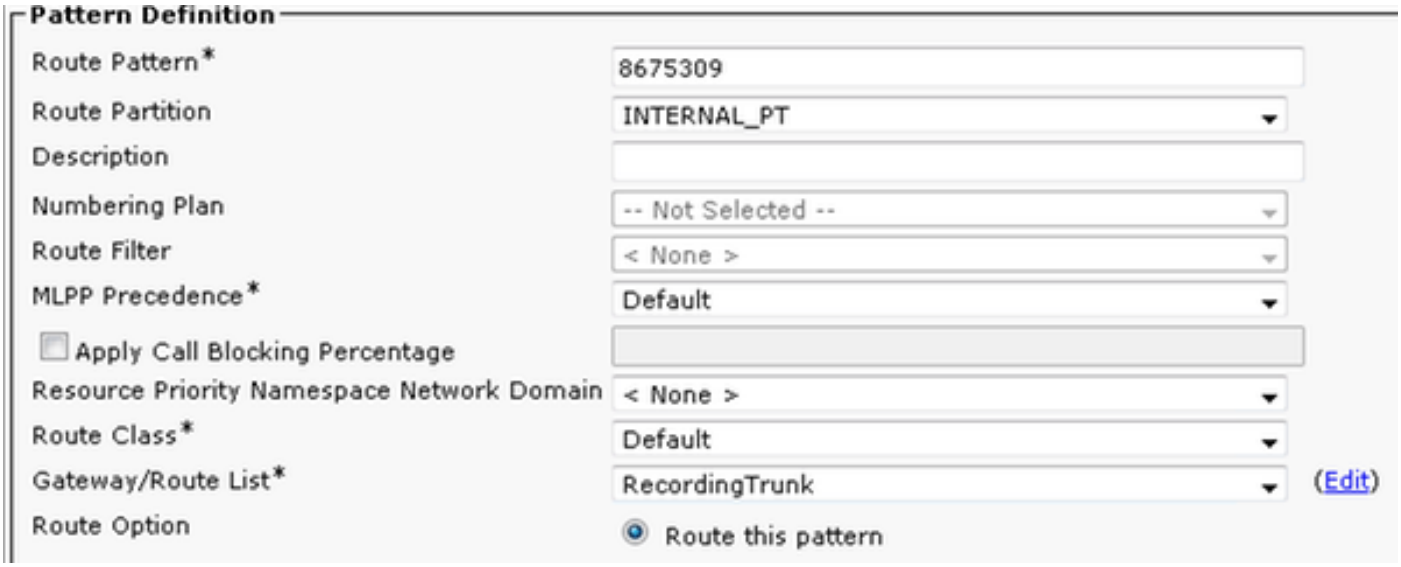
- Bajo el dispositivo > las configuraciones del dispositivo > perfil de la grabación
- La dirección destino de registración es adonde las llamadas de la grabación serán enviadas



Cree al patrón de ruta para rutear las llamadas de la grabación

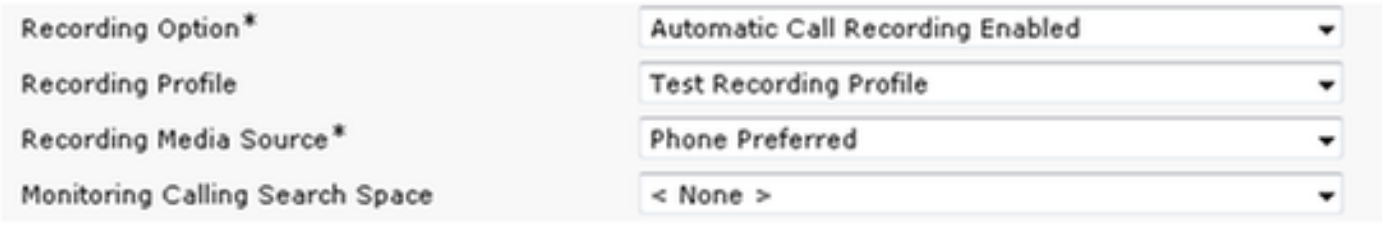
- Cree a un patrón de ruta que haga juego a la dirección destino de la grabación configurada en el paso anterior
- Usted puede señalar a una lista de la ruta en vez de directamente en el trunk del SORBO, si usted desea configurar los trunks redundantes del SORBO

Observe por favor que el división asignada a este patrón de ruta se debe asociar al **Calling Search Space de la grabación**.



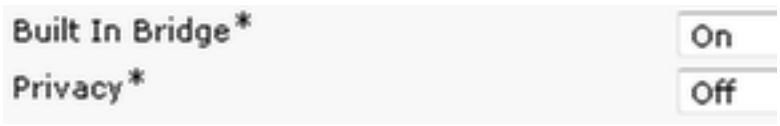
Asigne el perfil de la grabación a la línea telefónica

- En un teléfono ya creado con una extensión existente, asigne el perfil de la grabación creado
- Asigne el tipo de grabación de la llamada en esta ubicación también
- Este ejemplo muestra la grabación automática



Fije el BABERO a encendido y la aislamiento a apagado en la página de la Configuración del teléfono

Mientras que en la página de la configuración del dispositivo navegue al seciont titulado **información del dispositivo**. Fije construido en el Bridge a encendido y la aislamiento a apagado.



Verificación

El abajo son las conductas esperadas en los seguimientos de CallManager para el SCCP y SORBEN los teléfonos dados la configuración antedicha. Estos ejemplos son para una llamada de teléfono otro teléfono en el mismo cluster mientras que uno de los teléfonos se configura para la grabación de la llamada.

SCCP

```
~~~~~~~~~~~~~~~~~~~~~~Normal CCM Traces for SCCP phone to SCCP phone with SIP Integrated Call
Recording~~~~~~~~~~~~~~~~~~~~~~### Calling phone places call03796977.001 |20:21:08.055 |AppInfo
|StationInit: (0000109) SoftKeyEvent softKeyEvent=1(Redial) lineInstance=0 callReference=0.###
CUCM performs digit analysis against the dialed digits (dd="9110001")03797017.001 |20:21:08.057
|AppInfo  |Digit Analysis: star_DaReq: daReq.partitionSearchSpace(),
filteredPartitionSearchSpaceString(), partitionSearchSpaceString()03797017.002 |20:21:08.057
|AppInfo  |Digit Analysis: star_DaReq: Matching Legacy Numeric, digits=911000103797017.003
|20:21:08.057 |AppInfo  |Digit Analysis: getDaRes data&colon; daRes.ssType=[0] Intercept
DAMR.sstype=[0], TPcount=[0], DAMR.NotifyCount=[0], DaRes.NotifyCount=[0]03797017.004
|20:21:08.057 |AppInfo  |Digit Analysis: getDaRes - Remote Destination [] isURI[1]03797017.005
|20:21:08.057 |AppInfo  |Digit analysis: patternUsage=203797017.006 |20:21:08.057 |AppInfo
|Digit analysis: match(pi="2", fqcn="9110006", cn="9110006",plv="5", pss="", TodFilteredPss="",
dd="9110001",dac="0")03797017.007 |20:21:08.057 |AppInfo  |Digit analysis: analysis
results03797017.008 |20:21:08.057 |AppInfo
||PretransformCallingPartyNumber=9110006|CallingPartyNumber=9110006|DialingPartition=|DialingPat
tern=9110001|FullyQualifiedCalledPartyNumber=9110001|DialingPatternRegularExpression=(9110001)|D
ialingWhere=|PatternType=Enterprise|PotentialMatches=NoPotentialMatchesExist|DialingSdlProcessId
=(0,0,0)|PretransformDigitString=9110001|PretransformTagsList=SUBSCRIBER|PretransformPositionalM
atchList=9110001|CollectedDigits=9110001 ### CUCM determines call must stay on same node; go to
LineControl (PID=LineControl(2,100,174,137))03797019.001 |20:21:08.058 |AppInfo  |Digit
analysis: wait_DmPidRes- Partition=[] Pattern=[9110001] Where=[],cmDeviceType=[UserDevice],
OutsideDialtone =[0], DeviceOverride=[0],
PID=LineControl(2,100,174,137),CI=[38960749],Sender=Cdcc(2,100,219,29)### CUCM extends call to
phone03797036.003 |20:21:08.058 |AppInfo  |StationD:    (0000114) DEBUG whatToDo: line=1 calls=0
limit=4, busy=2. GCI=(2, 5033), cm_PL=(5, 0).03797036.004 |20:21:08.058 |AppInfo  |StationD:
(0000114) DEBUG  whatToDo: busy trigger not hit... send to open appearance03797036.005
|20:21:08.058 |AppInfo  |preFilterCapCount =[11], preFilterCaps :: (Cap)= (25) (6) (4) (2) (7)
(8) (15) (16) (11) (12) (257) Filtering Caps due to Service Parameter Configuration
postFilterCapCount =[8], postFilterCaps :: (Cap)= (25) (4) (2) (15) (16) (11) (12)
```

(257)03797036.006 |20:21:08.058 |AppInfo |preFilterCapCount =[0], preFilterCaps :: (Cap)=
Filtering Caps due to Service Parameter Configuration postFilterCapCount =[0], postFilterCaps ::
(Cap)=03797036.007 |20:21:08.058 |Created | |
|StationCdpc(2,100,64,22) |StationD(2,100,63,114) |
|NumOfCurrentInstances: 203797036.008 |20:21:08.058 |AppInfo |StationD: (0000114) DEBUG-
getLineRingSetting: retVal=4.03797036.009 |20:21:08.058 |AppInfo |StationD: (0000114) DEBUG-
saveRinger for: ci=38960750, line=1, mode=2, cm_precedence=5, callPhase=5.03797036.010
|20:21:08.058 |AppInfo |StationD: (0000114) DEBUG- saveRinger: ci=38960750, line=1, mode=2,
cm_precedence=5, callPhase=5, modifier=003797036.011 |20:21:08.058 |AppInfo |StationD:
(0000114) INFO sendCallAcceptReq: Try to send StationLineCallAccept to cdpc=22 .03797036.012
|20:21:08.058 |AppInfo |StationD: (0000114) playRinger for: ci=38960750.03797036.013
|20:21:08.058 |AppInfo |StationD: (0000114) DEBUG- getLineRingSetting: retVal=4.03797036.014
|20:21:08.058 |AppInfo |StationD: (0000114) DEBUG- getLineRingSetting: retVal=4.03797036.015
|20:21:08.058 |AppInfo |StationD: (0000114) DEBUG- getLineRingSetting: retVal=4.### Called
(recorded) phone goes off hook03797089.001 |20:21:09.335 |AppInfo |StationD: (0000114)
restart0_StationOffHook - INFO: CI=38960750 on line=1, SPKMode=0, alwaysPrimeLine=0,
alwaysUsePrimeLineForVM=0, fid=0, offHookTrigger=0.### CUCM Tells the calling phone to open the
logical channel03797153.001 |20:21:09.337 |AppInfo |StationD: (0000109) SEP0018195AA209 ,
star_MediaExchangeAgenaOpenLogicalChannel packetSize=20, codec=4, ci=38960749### CUCM Tells the
called (recorded party) phone to open the logical channel03797156.001 |20:21:09.337 |AppInfo
|StationD: (0000114) SEP001795BDD16B , star_MediaExchangeAgenaOpenLogicalChannel
packetSize=20, codec=4, ci=38960750### CUCM Tells the calling phone to open the receive
channel03797164.002 |20:21:09.337 |AppInfo |StationD: (0000109) OpenReceiveChannel
conferenceID=38960749 passThruPartyID=33554450 millisecondPacketSize=20
compressionType=4(Media_Payload_G711Ulaw64k) RFC2833PayloadType=0 qualifierIn=?
sourceIpAddr=IpAddr.type:0 ipAddr:0x0e3020210000000000000000000000(14.48.32.33). myIP:
IpAddr.type:0 ipv4Addr:0x0e30201c(14.48.32.28)### CUCM Tells the called (recorded party) phone
to open the receive channel03797168.002 |20:21:09.337 |AppInfo |StationD: (0000114)
OpenReceiveChannel conferenceID=38960750 passThruPartyID=33554451 millisecondPacketSize=20
compressionType=4(Media_Payload_G711Ulaw64k) RFC2833PayloadType=0 qualifierIn=?
sourceIpAddr=IpAddr.type:0 ipAddr:0x0e30201c000000000000000000000000(14.48.32.28). myIP:
IpAddr.type:0 ipv4Addr:0x0e302021(14.48.32.33)### CUCM allocates BIB on called (recorded)
phone03797210.000 |20:21:09.338 |SdlSig |MrmAllocateUcbResourceReq |waiting
|MediaResourceManager(2,100,138,1) |Cc(2,100,220,1)
|2,100,14,8384.91^14.48.32.33^SEP001795BDD16B |[R:N-H:0,N:1,L:0,V:0,Z:0,D:0] CI=38960751
SsType=33554461 SsKey=9 BridgeType=0 MRGLPkid= NumStream=1 Bib=89cdb152-4ef2-4d60-9e6b-
ab8c77c22618 BibTgCi=38960750 FeatId=159 PL=5 PLDmn=0 DeviceCapability=0 NumVideoCapable=0
requestDeviceType=0 requestDeviceLocale=64 forkingDevicePosition=2 playToneDir=3### BiB places
first call to recording destination address (cn is calling party which is the BiB
cn="b00223908001" and it is dialing the recordingdestination dd="8675309")03797269.001
|20:21:09.340 |AppInfo |Digit Analysis: star_DaReq: daReq.partitionSearchSpace(),
filteredPartitionSearchSpaceString(), partitionSearchSpaceString()03797269.002 |20:21:09.340
|AppInfo |Digit Analysis: star_DaReq: Matching Legacy Numeric, digits=867530903797269.003
|20:21:09.340 |AppInfo |Digit Analysis: getDaRes data: daRes.ssType=[0] Intercept
DAMR.sstype=[0], TPcount=[0], DAMR.NotifyCount=[0], DaRes.NotifyCount=[0]03797269.004
|20:21:09.340 |AppInfo |Digit Analysis: getDaRes - Remote Destination [8675309]
isURI[0]03797269.005 |20:21:09.340 |AppInfo |CMUtility routeCallThroughCTIRD: no matching
RemDestDynamic record exists for remdest [8675309]03797269.006 |20:21:09.340 |AppInfo
|DbMobility: getMatchedRemDest starts: cnumber = 867530903797269.007 |20:21:09.340 |AppInfo
|DbMobility: getMatchedRemDest: full match case03797269.008 |20:21:09.340 |AppInfo |DbMobility
SelectByDestination: no matching RemDestDynamic record exists for remdest [8675309]03797269.009
|20:21:09.340 |AppInfo |DbMobility: can't find remdest 8675309 in map03797269.010 |20:21:09.340
|AppInfo |Digit analysis: patternUsage=503797269.011 |20:21:09.340 |AppInfo |Digit analysis:
match(pi="1", fqcn="", cn="b00223908001",plv="5",
pss="E911_PT:Phones_PT:EMERGENCY_PT:INTERNAL_PT:INFORMACAST_PT",
TodFilteredPss="E911_PT:Phones_PT:EMERGENCY_PT:INTERNAL_PT:INFORMACAST_PT",
dd="8675309",dac="0")03797269.012 |20:21:09.340 |AppInfo |Digit analysis: analysis
results03797269.013 |20:21:09.340 |AppInfo
||PretransformCallingPartyNumber=b00223908001|CallingPartyNumber=b00223908001|DialingPartition=|
DialingPattern=8675309|FullyQualifiedCalledPartyNumber=8675309|DialingPatternRegularExpression=(
8675309)|DialingWhere=|PatternType=Enterprise|PotentialMatches=NoPotentialMatchesExist|DialingSd
lProcessId=(0,0,0)|PretransformDigitString=8675309|PretransformTagsList=SUBSCRIBER|PretransformP
ositionalMatchList=8675309|CollectedDigits=8675309 ### CUCM sends INVITE #1 to configured

recording server (14.48.32.170)03797320.001 |20:21:09.343 |AppInfo
|//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to
14.48.32.170:[5060]:[212231,NET]INVITE sip:8675309@14.48.32.170:5060 SIP/2.0Via: SIP/2.0/UDP
14.48.32.90:5060;branch=z9hG4bK204d520fedb3From: <sip:9110001@14.48.32.90;x-nearend;x-
refci=38960750;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sep001795bdd16b;x-
nearendaddr=9110001;x-farendrefci=38960749;x-farendclusterid=glenscucm10-5;x-
farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=73601~713e2333-4032-45f1-b1f5-
e33cf471acec-38960754To: <sip:8675309@14.48.32.170>Date: Tue, 30 Sep 2014 00:21:09 GMTCall-ID:
abbb8e00-4291f775-204c-5a20300e@14.48.32.90Supported: timer,resource-priority,replacesMin-SE:
1800User-Agent: Cisco-CUCM10.5Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE,
REFER, SUBSCRIBE, NOTIFYCSeq: 101 INVITEExpires: 180Allow-Events: presence, kpmlSupported: X-
cisco-srtp-fallbackSupported: GeolocationCall-Info: ;method="NOTIFY;Event=telephone-
event;Duration=500"Cisco-Guid: 2881195520-0000065536-0000000011-1512058894Session-Expires:
1800P-Asserted-Identity: <sip:9110001@14.48.32.90>Remote-Party-ID:
<sip:9110001@14.48.32.90>;party=calling;screen=yes;privacy=offContact:
<sip:9110001@14.48.32.90:5060>;isFocusMax-Forwards: 70Content-Length: 0 ### BiB places second
call to recording destination address (cn is calling party which is the BiB cn="b00223908001"
and it is dialing the recordingdestination dd="8675309")Note that the BiB number stayed the same
(b00223908001) and so did the recordingdestination number03797367.010 |20:21:09.344 |AppInfo
|Digit analysis: patternUsage=503797367.011 |20:21:09.344 |AppInfo |Digit analysis:
match(pi="1", fqcn="", cn="b00223908001",plv="5",
pss="E911_PT:Phones_PT:EMERGENCY_PT:INTERNAL_PT:INFORMACAST_PT",
TodFilteredPss="E911_PT:Phones_PT:EMERGENCY_PT:INTERNAL_PT:INFORMACAST_PT",
dd="8675309",dac="0")03797367.012 |20:21:09.344 |AppInfo |Digit analysis: analysis
results03797367.013 |20:21:09.344 |AppInfo
||PretransformCallingPartyNumber=b00223908001|CallingPartyNumber=b00223908001|DialingPartition=|
DialingPattern=8675309|FullyQualifiedCalledPartyNumber=8675309|DialingPatternRegularExpression=(
8675309)|DialingWhere=|PatternType=Enterprise|PotentialMatches=NoPotentialMatchesExist|DialingSd
lProcessId=(0,0,0)|PretransformDigitString=8675309|PretransformTagsList=SUBSCRIBER|PretransformP
ositionalMatchList=8675309|CollectedDigits=8675309 ### CUCM receives 200 OK in response to INVITE
#103797390.001 |20:21:09.345 |AppInfo |//SIP/SIPUdp/wait_SdlDataInd: Incoming SIP UDP message
size 737 from 14.48.32.170:[5060]:[212232,NET]SIP/2.0 200 OKVia: SIP/2.0/UDP
14.48.32.90:5060;branch=z9hG4bK204d520fedb3From: <sip:9110001@14.48.32.90;x-nearend;x-
refci=38960750;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sep001795bdd16b;x-
nearendaddr=9110001;x-farendrefci=38960749;x-farendclusterid=glenscucm10-5;x-
farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=73601~713e2333-4032-45f1-b1f5-
e33cf471acec-38960754To: <sip:8675309@14.48.32.170>;tag=1Call-ID: abbb8e00-4291f775-204c-
5a20300e@14.48.32.90CSeq: 101 INVITEContact: <sip:14.48.32.170:5060;transport=udp>Content-Type:
application/sdpContent-Length: 135v=0o=user1 53655765 2353687637 IN IP4 14.48.32.170s=-c=IN
IP4 14.48.32.170t=0 0m=audio 6000 RTP/AVP 0a=rtpmap:0 PCMU/8000 ### CUCM sends INVITE #2 to
recording server (14.48.32.170)03797445.001 |20:21:09.348 |AppInfo
|//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to
14.48.32.170:[5060]:[212233,NET]INVITE sip:8675309@14.48.32.170:5060 SIP/2.0Via: SIP/2.0/UDP
14.48.32.90:5060;branch=z9hG4bK204e754eaeaeFrom: <sip:9110001@14.48.32.90;x-farend;x-
refci=38960750;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sep001795bdd16b;x-
nearendaddr=9110001;x-farendrefci=38960749;x-farendclusterid=glenscucm10-5;x-
farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=73602~713e2333-4032-45f1-b1f5-
e33cf471acec-38960757To: <sip:8675309@14.48.32.170>Date: Tue, 30 Sep 2014 00:21:09 GMTCall-ID:
abbb8e00-4291f775-204d-5a20300e@14.48.32.90Supported: timer,resource-priority,replacesMin-SE:
1800User-Agent: Cisco-CUCM10.5Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE,
REFER, SUBSCRIBE, NOTIFYCSeq: 101 INVITEExpires: 180Allow-Events: presence, kpmlSupported: X-
cisco-srtp-fallbackSupported: GeolocationCall-Info: ;method="NOTIFY;Event=telephone-
event;Duration=500"Cisco-Guid: 2881195520-0000065536-0000000012-1512058894Session-Expires:
1800P-Asserted-Identity: <sip:9110001@14.48.32.90>Remote-Party-ID:
<sip:9110001@14.48.32.90>;party=calling;screen=yes;privacy=offContact:
<sip:9110001@14.48.32.90:5060>;isFocusMax-Forwards: 70Content-Length: 0 ### CUCM receives 200 OK
in response to INVITE #203797498.001 |20:21:09.350 |AppInfo |//SIP/SIPUdp/wait_SdlDataInd:
Incoming SIP UDP message size 736 from 14.48.32.170:[5060]:[212235,NET]SIP/2.0 200 OKVia:
SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK204e754eaeaeFrom: <sip:9110001@14.48.32.90;x-
farend;x-refci=38960750;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sep001795bdd16b;x-
nearendaddr=9110001;x-farendrefci=38960749;x-farendclusterid=glenscucm10-5;x-
farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=73602~713e2333-4032-45f1-b1f5-
e33cf471acec-38960757To: <sip:8675309@14.48.32.170>;tag=2Call-ID: abbb8e00-4291f775-204d-

5a20300e@14.48.32.90CSeq: 101 INVITEContact: <sip:14.48.32.170:5060;transport=udp>Content-Type: application/sdpContent-Length: 135v=0o=user1 53655765 2353687637 IN IP4 14.48.32.170s=-c=IN IP4 14.48.32.170t=0 0m=audio 6000 RTP/AVP 0a=rtpmap:0 PCMU/8000 ### CUCM sends outbound ACK in response to 200 OK #103797500.001 |20:21:09.351 |AppInfo |//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to 14.48.32.170:[5060]:[212236,NET]ACK sip:14.48.32.170:5060;transport=UDP SIP/2.0Via: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK204f50bef815From: <sip:9110001@14.48.32.90;x-nearend;x-refci=38960750;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sep001795bdd16b;x-nearendaddr=9110001;x-farendrefci=38960749;x-farendclusterid=glenscucm10-5;x-farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=73601~713e2333-4032-45f1-b1f5-e33cf471acec-38960754To: <sip:8675309@14.48.32.170>;tag=1Date: Tue, 30 Sep 2014 00:21:09 GMTCall-ID: abbb8e00-4291f775-204c-5a20300e@14.48.32.90User-Agent: Cisco-CUCM10.5Max-Forwards: 70CSeq: 101 ACKAllow-Events: presence, kpmlContent-Type: application/sdpContent-Length: 254v=0o=CiscoSystemsCCM-SIP 73601 1 IN IP4 14.48.32.90s=SIP Callc=IN IP4 14.48.32.33b=TIAS:64000b=CT:64b=AS:64t=0 0m=audio 4000 RTP/AVP 0 101a=ptime:20a=rtpmap:0 PCMU/8000a=sendonlya=rtpmap:101 telephone-event/8000a=fmtp:101 0-15 ### CUCM sends startMediaTransmission to the called (recorded) phone telling the phone to send RTP to recording server (14.48.32.170)03797479.001 |20:21:09.350 |AppInfo |StationD: (0000114) startMediaTransmission conferenceID=38960750 passThruPartyID=33554452 remoteIpAddress=IpAddr.type:0 ipAddr:0x0e3020aa00000000000000000000000(14.48.32.170) remotePortNumber=6000 milliSecondPacketSize=20 compressType=4(Media_Payload_G711Ulaw64k) RFC2833PayloadType=0 qualifierOut=?. myIP: IpAddr.type:0 ipv4Addr:0x0e302021(14.48.32.33)### CUCM sends startMediaTransmission #2 to the called (recorded) phone telling the phone to send RTP to recording server (14.48.32.170)03797596.001 |20:21:09.354 |AppInfo |StationD: (0000114) startMediaTransmission conferenceID=38960750 passThruPartyID=33554453 remoteIpAddress=IpAddr.type:0 ipAddr:0x0e3020aa00000000000000000000000(14.48.32.170) remotePortNumber=6000 milliSecondPacketSize=20 compressType=4(Media_Payload_G711Ulaw64k) RFC2833PayloadType=0 qualifierOut=?. myIP: IpAddr.type:0 ipv4Addr:0x0e302021(14.48.32.33)### CUCM sends outbound ACK in response to 200 OK #203797615.001 |20:21:09.354 |AppInfo |//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to 14.48.32.170:[5060]:[212237,NET]ACK sip:14.48.32.170:5060;transport=UDP SIP/2.0Via: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK2050183495f1From: <sip:9110001@14.48.32.90;x-farend;x-refci=38960750;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sep001795bdd16b;x-nearendaddr=9110001;x-farendrefci=38960749;x-farendclusterid=glenscucm10-5;x-farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=73602~713e2333-4032-45f1-b1f5-e33cf471acec-38960757To: <sip:8675309@14.48.32.170>;tag=2Date: Tue, 30 Sep 2014 00:21:09 GMTCall-ID: abbb8e00-4291f775-204d-5a20300e@14.48.32.90User-Agent: Cisco-CUCM10.5Max-Forwards: 70CSeq: 101 ACKAllow-Events: presence, kpmlContent-Type: application/sdpContent-Length: 254v=0o=CiscoSystemsCCM-SIP 73602 1 IN IP4 14.48.32.90s=SIP Callc=IN IP4 14.48.32.33b=TIAS:64000b=CT:64b=AS:64t=0 0m=audio 4000 RTP/AVP 0 101a=ptime:20a=rtpmap:0 PCMU/8000a=sendonlya=rtpmap:101 telephone-event/8000a=fmtp:101 0-15 ### Calling phone sends CUCM the ORC ACK03797634.001 |20:21:09.385 |AppInfo |StationInit: (0000109) OpenReceiveChannelAck Status=0, IpAddr=IpAddr.type:0 ipAddr:0x0e30201c00000000000000000000000(14.48.32.28), Port=17996, PartyID=33554450### CUCM sends startMediaTransmission to the called (recorded) phone telling the phone to send RTP to the calling phone (14.48.32.28)03797642.001 |20:21:09.385 |AppInfo |StationD: (0000114) startMediaTransmission conferenceID=38960750 passThruPartyID=33554451 remoteIpAddress=IpAddr.type:0 ipAddr:0x0e30201c00000000000000000000000(14.48.32.28) remotePortNumber=17996 milliSecondPacketSize=20 compressType=4(Media_Payload_G711Ulaw64k) RFC2833PayloadType=0 qualifierOut=?. myIP: IpAddr.type:0 ipv4Addr:0x0e302021(14.48.32.33)### Called (recorded) phone sends CUCM the ORC ACK03797643.001 |20:21:09.454 |AppInfo |StationInit: (0000114) OpenReceiveChannelAck Status=0, IpAddr=IpAddr.type:0 ipAddr:0x0e3020210000000000000000000000(14.48.32.33), Port=32588, PartyID=33554451### CUCM sends startMediaTransmission to the calling phone telling the phone to send RTP to the called phone (14.48.32.33)03797655.001 |20:21:09.454 |AppInfo |StationD: (0000109) startMediaTransmission conferenceID=38960749 passThruPartyID=33554450 remoteIpAddress=IpAddr.type:0 ipAddr:0x0e3020210000000000000000000000(14.48.32.33) remotePortNumber=32588 milliSecondPacketSize=20 compressType=4(Media_Payload_G711Ulaw64k) RFC2833PayloadType=0 qualifierOut=?. myIP: IpAddr.type:0 ipv4Addr:0x0e30201c(14.48.32.28)

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Recording~~~~~~~~~~~~~~~~~~~~~~### Calling phone places call01314118.001 |11:18:44.472 |AppInfo |StationInit: (0000004) EnblocCall calledParty=9110011.### CUCM performs digit analysis against the dialed digits (dd="9110011")01314127.001 |11:18:44.473 |AppInfo |Digit Analysis: star_DaReq: daReq.partitionSearchSpace(), filteredPartitionSearchSpaceString(), partitionSearchSpaceString()01314127.002 |11:18:44.473 |AppInfo |Digit Analysis: star_DaReq: Matching Legacy Numeric, digits=911001101314127.003 |11:18:44.499 |AppInfo |Digit Analysis: getDaRes data: daRes.ssType=[0] Intercept DAMR.sstype=[0], TPcount=[0], DAMR.NotifyCount=[0], DaRes.NotifyCount=[0]01314127.004 |11:18:44.499 |AppInfo |Digit Analysis: getDaRes - Remote Destination [] isURI[1]01314127.005 |11:18:44.506 |AppInfo |Digit analysis: patternUsage=201314127.006 |11:18:44.506 |AppInfo |Digit analysis: match(pi="2", fqcn="9110006", cn="9110006",plv="5", pss="", TodFilteredPss="", dd="9110011",dac="1")01314127.007 |11:18:44.506 |AppInfo |Digit analysis: analysis results01314127.008 |11:18:44.506 |AppInfo ||PretransformCallingPartyNumber=9110006|CallingPartyNumber=9110006|DialingPartition=|DialingPattern=9110011|FullyQualifiedCalledPartyNumber=9110011|DialingPatternRegularExpression=(9110011)|DialingWhere=|PatternType=Enterprise|PotentialMatches=NoPotentialMatchesExist|DialingSdlProcessId=(0,0,0)|PretransformDigitString=9110011|PretransformTagsList=SUBSCRIBER|PretransformPositionalMatchList=9110011|CollectedDigits=9110011 ### CUCM determines call must stay on same node and go to LineControl (PID=LineControl(2,100,174,19))01314129.001 |11:18:44.506 |AppInfo |Digit analysis: wait_DmPidRes- Partition=[] Pattern=[9110011] Where=[],cmDeviceType=[UserDevice], OutsideDialtone =[0], DeviceOverride=[0], PID=LineControl(2,100,174,19),CI=[47601637],Sender=Cdcc(2,100,219,1)### CUCM sends outbound INVITE to called (recorded) phone01314173.001 |11:18:44.754 |AppInfo |SIPTcp - wait_SdlSPISignal: Outgoing SIP TCP message to 14.48.32.17 on port 50841 index 17 [106316,NET]INVITE sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp SIP/2.0Via: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK203b13880683From: <sip:9110006@14.48.32.90>;tag=38244~713e2333-4032-45f1-b1f5-e33cf471acec-47601638To: <sip:9110011@14.48.32.90>Date: Tue, 14 Oct 2014 15:18:44 GMTCall-ID: 6198e780-43d13ed4-203c-5a20300e@14.48.32.90Supported: timer,resource-priority,replacesMin-SE: 1800User-Agent: Cisco-CUCM10.5Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFYCSeq: 101 INVITEExpires: 180Allow-Events: presenceCall-Info: ; security= Unknown; orientation= from; gci= 2-6001; isVoip; call-instance= 1Send-Info: conference, x-cisco-conferenceAlert-Info: Remote-Party-ID: <sip:9110006@14.48.32.90;x-cisco-callback-number=9110006>;party=calling;screen=yes;privacy=offContact: <sip:9110006@14.48.32.90:5060;transport=tcp>Max-Forwards: 70Content-Length: 0 ### Called (recorded) phone returns 100 Trying01314174.002 |11:18:44.758 |AppInfo |SIPTcp - wait_SdlReadRsp: Incoming SIP TCP message from 14.48.32.17 on port 50841 index 17 with 802 bytes:[106317,NET]SIP/2.0 100 TryingVia: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK203b13880683From: <sip:9110006@14.48.32.90>;tag=38244~713e2333-4032-45f1-b1f5-e33cf471acec-47601638To: <sip:9110011@14.48.32.90>Call-ID: 6198e780-43d13ed4-203c-5a20300e@14.48.32.90Date: Tue, 14 Oct 2014 15:18:51 GMTCSeq: 101 INVITEServer: Cisco-CP8841/10.2.1Contact: <sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp>Allow: ACK,BYE,CANCEL,INVITE,NOTIFY,OPTIONS,REFER,REGISTER,UPDATE,SUBSCRIBE,INFOSupported: replaces,join,sdp-anat,norefersub,resource-priority,extended-refer,X-cisco-callinfo,X-cisco-serviceuri,X-cisco-escapecodes,X-cisco-service-control,X-cisco-srtp-fallback,X-cisco-monrec,X-cisco-config,X-cisco-sis-7.0.0,X-cisco-xsi-8.5.1Allow-Events: kpml,dialogContent-Length: 0 ### Called (recorded) phone returns 180 Ringing01314178.002 |11:18:45.357 |AppInfo |SIPTcp - wait_SdlReadRsp: Incoming SIP TCP message from 14.48.32.17 on port 50841 index 17 with 950 bytes:[106318,NET]SIP/2.0 180 RingingVia: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK203b13880683From: <sip:9110006@14.48.32.90>;tag=38244~713e2333-4032-45f1-b1f5-e33cf471acec-47601638To: <sip:9110011@14.48.32.90>;tag=b000b4d9e8cb0bba73e445ee-3cc7e650Call-ID: 6198e780-43d13ed4-203c-5a20300e@14.48.32.90Date: Tue, 14 Oct 2014 15:18:51 GMTCSeq: 101 INVITEServer: Cisco-CP8841/10.2.1Contact: <sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp>Allow: ACK,BYE,CANCEL,INVITE,NOTIFY,OPTIONS,REFER,REGISTER,UPDATE,SUBSCRIBE,INFORemote-Party-ID: "9110011" <sip:9110011@14.48.32.90>;party=called;id-type=subscriber;privacy=off;screen=yesSupported: replaces,join,sdp-anat,norefersub,resource-priority,extended-refer,X-cisco-callinfo,X-cisco-serviceuri,X-cisco-escapecodes,X-cisco-service-control,X-cisco-srtp-fallback,X-cisco-monrec,X-cisco-config,X-cisco-sis-7.0.0,X-cisco-xsi-8.5.1Allow-Events: kpml,dialogContent-Length: 0 ### Called (recorded) phone returns 200 OK01314217.002 |11:18:48.466 |AppInfo |SIPTcp - wait_SdlReadRsp: Incoming SIP TCP message from 14.48.32.17 on port 50841 index 17 with 1430 bytes:[106319,NET]SIP/2.0 200 OKVia: SIP/2.0/TCP

14.48.32.90:5060;branch=z9hG4bK203b13880683From: <sip:9110006@14.48.32.90>;tag=38244~713e2333-4032-45f1-b1f5-e33cf471acec-47601638To: <sip:9110011@14.48.32.90>;tag=b000b4d9e8cb0bba73e445ee-3cc7e650Call-ID: 6198e780-43d13ed4-203c-5a20300e@14.48.32.90Date: Tue, 14 Oct 2014 15:18:54 GMTCSeq: 101 INVITEServer: Cisco-CP8841/10.2.1Contact: <sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp>Allow: ACK,BYE,CANCEL,INVITE,NOTIFY,OPTIONS,REFER,REGISTER,UPDATE,SUBSCRIBE,INFORemote-Party-ID: "9110011" <sip:9110011@14.48.32.90>;party=called;id-type=subscriber;privacy=off;screen=yesSupported: replaces,join,sdp-anat,norefersub,resource-priority,extended-refer,X-cisco-callinfo,X-cisco-serviceuri,X-cisco-escapecodes,X-cisco-service-control,X-cisco-srtp-fallback,X-cisco-monrec,X-cisco-config,X-cisco-sis-7.0.0,X-cisco-xsi-8.5.1Allow-Events: kpml,dialogContent-Length: 404Content-Type: application/sdpContent-Disposition: session;handling=optionalv=0o=Cisco-SIPUA 15076 0 IN IP4 14.48.32.17s=SIP Callt=0 0m=audio 28354 RTP/AVP 0 8 18 102 9 116 124 101c=IN IP4 14.48.32.17a=rtpmap:0 PCMU/8000a=rtpmap:8 PCMA/8000a=rtpmap:18 G729/8000a=fmtp:18 annexb=yesa=rtpmap:102 L16/16000a=rtpmap:9 G722/8000a=rtpmap:116 iLBC/8000a=fmtp:116 mode=20a=rtpmap:124 ISAC/16000a=rtpmap:101 telephone-event/8000a=fmtp:101 0-15a=sendrecv ### CUCM Tells the calling phone to open the logical channel01314284.001 |11:18:48.599 |AppInfo |StationD: (0000004) SEP0018195AA209 , star_MediaExchangeAgenaOpenLogicalChannel packetSize=20, codec=4, ci=47601637### CUCM Tells the calling phone to open the receive channel01314294.002 |11:18:48.599 |AppInfo |StationD: (0000004) OpenReceiveChannel conferenceID=47601637 passThruPartyID=33554433 millisecondPacketSize=20 compressionType=4(Media_Payload_G711Ulaw64k) RFC2833PayloadType=101 qualifierIn=? sourceIpAddr=IpAddr.type:0 ipAddr:0x0e3020110000000000000000000000000(14.48.32.17). myIP: IpAddr.type:0 ipv4Addr:0x0e30201c(14.48.32.28)### CUCM sends startMediaTransmission to the calling phone telling the phone to send RTP to the called (recorded) phone (14.48.32.17)01314295.001 |11:18:48.599 |AppInfo |StationD: (0000004) startMediaTransmission conferenceID=47601637 passThruPartyID=33554433 remoteIpAddress=IpAddr.type:0 ipAddr:0x0e3020110000000000000000000000000(14.48.32.17) remotePortNumber=28354 milliSecondPacketSize=20 compressType=4(Media_Payload_G711Ulaw64k) RFC2833PayloadType=101 qualifierOut=?. myIP: IpAddr.type:0 ipv4Addr:0x0e30201c(14.48.32.28)### CUCM sends ACK to called (recorded) phone telling the called phone to send media to the calling phone (14.48.32.28) 01314344.001 |11:18:48.652 |AppInfo |SIPTcp - wait_SdlSPISignal: Outgoing SIP TCP message to 14.48.32.17 on port 50841 index 17 [106320,NET]ACK sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp SIP/2.0Via: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK203c2831c118From: <sip:9110006@14.48.32.90>;tag=38244~713e2333-4032-45f1-b1f5-e33cf471acec-47601638To: <sip:9110011@14.48.32.90>;tag=b000b4d9e8cb0bba73e445ee-3cc7e650Date: Tue, 14 Oct 2014 15:18:44 GMTCall-ID: 6198e780-43d13ed4-203c-5a20300e@14.48.32.90User-Agent: Cisco-CUCM10.5Max-Forwards: 70CSeq: 101 ACKAllow-Events: presenceContent-Type: application/sdpContent-Length: 243v=0o=CiscoSystemsCCM-SIP 38244 1 IN IP4 14.48.32.90s=SIP Callc=IN IP4 14.48.32.28b=TIAS:64000b=CT:64b=AS:64t=0 0m=audio 17260 RTP/AVP 0 101a=ptime:20a=rtpmap:0 PCMU/8000a=rtpmap:101 telephone-event/8000a=fmtp:101 0-15 ### CUCM allocates BiB on called (recorded) phone01314383.000 |11:18:48.675 |SdlSig |MrmAllocateUcbResourceReq |waiting |MediaResourceManager(2,100,138,1) |Cc(2,100,220,1) |2,100,14,20.16735^14.48.32.28^SEP0018195AA209 |[R:N-H:0,N:3,L:1,V:0,Z:0,D:0] CI=47601639 SsType=33554461 SsKey=1 BridgeType=0 MRGLPkid= NumStream=1 Bib=c32d6714-48bd-43d7-b96f-91363aff3aa0 BibTgCi=47601638 FeatId=159 PL=5 PLDmn=0 DeviceCapability=0 NumVideoCapable=0 requestDeviceType=0 requestDeviceLocale=64 forkingDevicePosition=2 playToneDir=3### CUCM sends INVITE #1 to called (recorded) phone with record-invoker=auto in Call-Info field and original Call-ID in Join fieldNotice the SDP has a=inactive to tear down the media01314446.001 |11:18:48.682 |AppInfo |SIPTcp - wait_SdlSPISignal: Outgoing SIP TCP message to 14.48.32.17 on port 50841 index 17 [106321,NET]INVITE sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp SIP/2.0Via: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK203d55363a7cFrom: "Call Manager" ;tag=38246~713e2333-4032-45f1-b1f5-e33cf471acec-47601641To: <sip:9110011@14.48.32.90>Date: Tue, 14 Oct 2014 15:18:48 GMTCall-ID: 63fb4180-43d13ed8-203d-5a20300e@14.48.32.90Supported: timer,resource-priority,replacesMin-SE: 1800User-Agent: Cisco-CUCM10.5Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, SUBSCRIBE, NOTIFYCSeq: 101 INVITEExpires: 180Allow-Events: presenceCall-Info: ; isVoip; record-invoker=autoJoin: 6198e780-43d13ed4-203c-5a20300e@14.48.32.90;from-tag=b000b4d9e8cb0bba73e445ee-3cc7e650;to-tag=38244~713e2333-4032-45f1-b1f5-e33cf471acec-47601638Contact: <sip:14.48.32.90:5060;transport=tcp>Remote-Party-ID: "Call Manager" ;party=calling;screen=yes;privacy=offMax-Forwards: 70Content-Type: application/sdpContent-Length: 188v=0o=CiscoSystemsCCM-SIP 38246 1 IN IP4 14.48.32.90s=SIP Callc=IN IP4 14.48.32.90t=0

0m=audio 4000 RTP/AVP 0a=label:X-relay-nearenda=rtpmap:0 PCMU/8000a=inactivea=mid:1 ### Called (recorded) phone returns 200 OKNotice the SDP has a=inactive to tear down the media01314449.002 |11:18:48.702 |AppInfo |SIPTcp - wait_SdlReadRsp: Incoming SIP TCP message from 14.48.32.17 on port 50841 index 17 with 1235 bytes:[106323,NET]SIP/2.0 200 OKVia: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK203d55363a7cFrom: "Call Manager" ;tag=38246~713e2333-4032-45f1-b1f5-e33cf471acec-47601641To: <sip:9110011@14.48.32.90>;tag=b000b4d9e8cb0bbb4457e725-6869188aCall-ID: 63fb4180-43d13ed8-203d-5a20300e@14.48.32.90Date: Tue, 14 Oct 2014 15:18:55 GMTCSeq: 101 INVITEServer: Cisco-CP8841/10.2.1Contact: <sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp>Allow: ACK,BYE,CANCEL,INVITE,NOTIFY,OPTIONS,REFER,REGISTER,UPDATE,SUBSCRIBE,INFORemote-Party-ID: "9110011" <sip:9110011@14.48.32.90>;party=called;id-type=subscriber;privacy=off;screen=yesSupported: replaces,join,sdp-anat,norefersub,resource-priority,extended-refer,X-cisco-callinfo,X-cisco-serviceuri,X-cisco-escapecodes,X-cisco-service-control,X-cisco-srtp-fallback,X-cisco-monrec,X-cisco-config,X-cisco-sis-7.0.0,X-cisco-xsi-8.5.1Allow-Events: kpml,dialogContent-Length: 202Content-Type: application/sdpContent-Disposition: session;handling=optionalv=0o=Cisco-SIPUA 4077 0 IN IP4 14.48.32.17s=SIP Callt=0 0m=audio 28512 RTP/AVP 0 101c=IN IP4 14.48.32.17a=rtpmap:0 PCMU/8000a=rtpmap:101 telephone-event/8000a=fmtp:101 0-15a=inactive ### CUCM responds to called (recorded) phone with ACK01314452.001 |11:18:48.702 |AppInfo |SIPTcp - wait_SdlSPISignal: Outgoing SIP TCP message to 14.48.32.17 on port 50841 index 17 [106324,NET]ACK sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp SIP/2.0Via: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK203e9999fc7From: "Call Manager" ;tag=38246~713e2333-4032-45f1-b1f5-e33cf471acec-47601641To: <sip:9110011@14.48.32.90>;tag=b000b4d9e8cb0bbb4457e725-6869188aDate: Tue, 14 Oct 2014 15:18:48 GMTCall-ID: 63fb4180-43d13ed8-203d-5a20300e@14.48.32.90User-Agent: Cisco-CUCM10.5Max-Forwards: 70CSeq: 101 ACKAllow-Events: presenceContent-Length: 0 ### BiB places first call to recording destination address (cn is calling party which is the BiB cn="b0028310001" and it is dialing the recordingdestination dd="8675309")01314484.003 |11:18:48.753 |AppInfo |Digit Analysis: getDaRes data: daRes.ssType=[0] Intercept DAMR.sstype=[0], TPcount=[0], DAMR.NotifyCount=[0], DaRes.NotifyCount=[0]01314484.004 |11:18:48.753 |AppInfo |Digit Analysis: getDaRes - Remote Destination [8675309] isURI[0]01314484.005 |11:18:48.765 |AppInfo |CMUtility routeCallThroughCTIRD: no matching RemDestDynamic record exists for remdest [8675309]01314484.006 |11:18:48.765 |AppInfo |DbMobility: getMatchedRemDest starts: cnumber = 867530901314484.007 |11:18:48.765 |AppInfo |DbMobility: getMatchedRemDest: full match case01314484.008 |11:18:48.765 |AppInfo |DbMobility SelectByDestination: no matching RemDestDynamic record exists for remdest [8675309]01314484.009 |11:18:48.765 |AppInfo |DbMobility: can't find remdest 8675309 in map01314484.010 |11:18:48.765 |AppInfo |Digit analysis: patternUsage=501314484.011 |11:18:48.765 |AppInfo |Digit analysis: match(pi="1", fqcn="", cn="b0028310001",plv="5", pss="E911_PT:Phones_PT:EMERGENCY_PT:INTERNAL_PT:INFORMACAST_PT", TodFilteredPss="E911_PT:Phones_PT:EMERGENCY_PT:INTERNAL_PT:INFORMACAST_PT", dd="8675309",dac="1")01314484.012 |11:18:48.765 |AppInfo |Digit analysis: analysis results01314484.013 |11:18:48.765 |AppInfo ||PretransformCallingPartyNumber=b0028310001|CallingPartyNumber=b0028310001|DialingPartition=|DialingPattern=8675309|FullyQualifiedCalledPartyNumber=8675309|DialingPatternRegularExpression=(8675309)|DialingWhere=|PatternType=Enterprise|PotentialMatches=NoPotentialMatchesExist|DialingSdlProcessId=(0,0,0)|PretransformDigitString=8675309|PretransformTagsList=SUBSCRIBER|PretransformPositionalMatchList=8675309|CollectedDigits=8675309 ### CUCM sends INVITE #1 to configured recording server (14.48.32.170)01314552.001 |11:18:48.795 |AppInfo |//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to 14.48.32.170:[5060]:[106325,NET]INVITE sip:8675309@14.48.32.170:5060 SIP/2.0Via: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK203f3135e715From: <sip:9110011@14.48.32.90;x-nearend;x-refci=47601638;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sepb000b4d9e8cb;x-nearendaddr=9110011;x-farendrefci=47601637;x-farendclusterid=glenscucm10-5;x-farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=38248~713e2333-4032-45f1-b1f5-e33cf471acec-47601642To: <sip:8675309@14.48.32.170>Date: Tue, 14 Oct 2014 15:18:48 GMTCall-ID: 63fb4180-43d13ed8-203e-5a20300e@14.48.32.90Supported: timer,resource-priority,replacesMin-SE: 1800User-Agent: Cisco-CUCM10.5Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFYCSeq: 101 INVITEExpires: 180Allow-Events: presence, kpmlSupported: X-cisco-srtp-fallbackSupported: GeolocationCall-Info: ;method="NOTIFY;Event=telephone-event;Duration=500"Call-Info: ;x-cisco-video-traffic-class=DESKTOPCisco-Guid: 1677410688-0000065536-0000000001-1512058894Session-Expires: 1800P-Asserted-Identity: <sip:9110011@14.48.32.90>Remote-Party-ID:

<sip:9110011@14.48.32.90>;party=calling;screen=yes;privacy=offContact:
<sip:9110011@14.48.32.90:5060>;isFocusMax-Forwards: 70Content-Length: 0 ### CUCM sends INVITE #2 to called (recorded) phone with record-invoker=auto in Call-Info field and original Call-ID in Join fieldNotice the SDP has a=inactive to tear down the media01314575.001 |11:18:48.796 |AppInfo |SIPTcp - wait_SdlSPISignal: Outgoing SIP TCP message to 14.48.32.17 on port 50841 index 17 [106326,NET]INVITE sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp SIP/2.0Via: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK20401b237b36From: "Call Manager" ;tag=38249~713e2333-4032-45f1-b1f5-e33cf471acec-47601644To: <sip:9110011@14.48.32.90>Date: Tue, 14 Oct 2014 15:18:48 GMTCall-ID: 63fb4180-43d13ed8-203f-5a20300e@14.48.32.90Supported: timer,resource-priority,replacesMin-SE: 1800User-Agent: Cisco-CUCM10.5Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, SUBSCRIBE, NOTIFYCSeq: 101 INVITEExpires: 180Allow-Events: presenceCall-Info: ; isVoip; record-invoker=autoJoin: 6198e780-43d13ed4-203c-5a20300e@14.48.32.90;from-tag=b000b4d9e8cb0bba73e445ee-3cc7e650;to-tag=38244~713e2333-4032-45f1-b1f5-e33cf471acec-47601638Contact: <sip:14.48.32.90:5060;transport=tcp>Remote-Party-ID: "Call Manager" ;party=calling;screen=yes;privacy=offMax-Forwards: 70Content-Type: application/sdpContent-Length: 187v=0o=CiscoSystemsCCM-SIP 38249 1 IN IP4 14.48.32.90s=SIP Callc=IN IP4 14.48.32.90t=0 0m=audio 4000 RTP/AVP 0a=label:X-relay-farenda=rtpmap:0 PCMU/8000a=inactivea=mid:1 ### CUCM receives 200 OK in response to INVITE #1 to recording server01314583.001 |11:18:48.862 |AppInfo |//SIP/SIPUdp/wait_SdlDataInd: Incoming SIP UDP message size 737 from 14.48.32.170:[5060]:[106328,NET]SIP/2.0 200 OKVia: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK203f3135e715From: <sip:9110011@14.48.32.90;x-nearend;x-refci=47601638;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sepb000b4d9e8cb;x-nearendaddr=9110011;x-farendrefci=47601637;x-farendclusterid=glenscucm10-5;x-farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=38248~713e2333-4032-45f1-b1f5-e33cf471acec-47601642To: <sip:8675309@14.48.32.170>;tag=1Call-ID: 63fb4180-43d13ed8-203e-5a20300e@14.48.32.90CSeq: 101 INVITEContact: <sip:14.48.32.170:5060;transport=udp>Content-Type: application/sdpContent-Length: 135v=0o=user1 53655765 2353687637 IN IP4 14.48.32.170s=-c=IN IP4 14.48.32.170t=0 0m=audio 6000 RTP/AVP 0a=rtpmap:0 PCMU/8000 ### CUCM sends re-INVITE to called (recorded) phone for call #1 to invoke the BiB (notice there is no SDP)01314644.001 |11:18:48.864 |AppInfo |SIPTcp - wait_SdlSPISignal: Outgoing SIP TCP message to 14.48.32.17 on port 50841 index 17 [106329,NET]INVITE sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp SIP/2.0Via: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK204176d717cdFrom: "Call Manager" ;tag=38246~713e2333-4032-45f1-b1f5-e33cf471acec-47601641To: <sip:9110011@14.48.32.90>;tag=b000b4d9e8cb0bbb4457e725-6869188aDate: Tue, 14 Oct 2014 15:18:48 GMTCall-ID: 63fb4180-43d13ed8-203d-5a20300e@14.48.32.90Supported: timer,resource-priority,replacesUser-Agent: Cisco-CUCM10.5Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, SUBSCRIBE, NOTIFYCSeq: 102 INVITEMax-Forwards: 70Expires: 180Allow-Events: presenceCall-Info: ; isVoip; record-invoker=autoMin-SE: 1800Remote-Party-ID: "Call Manager" ;party=calling;screen=yes;privacy=offContact:
<sip:14.48.32.90:5060;transport=tcp>Content-Length: 0 ### Called (recorded) phone returns 200 OK in response to INVITE #2 to invoke BiBNotice the SDP has a=inactive to tear down the media01314645.002 |11:18:48.865 |AppInfo |SIPTcp - wait_SdlReadRsp: Incoming SIP TCP message from 14.48.32.17 on port 50841 index 17 with 1236 bytes:[106330,NET]SIP/2.0 200 OKVia: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK20401b237b36From: "Call Manager" ;tag=38249~713e2333-4032-45f1-b1f5-e33cf471acec-47601644To: <sip:9110011@14.48.32.90>;tag=b000b4d9e8cb0bbc4d5b7fc6-3ab2172fCall-ID: 63fb4180-43d13ed8-203f-5a20300e@14.48.32.90Date: Tue, 14 Oct 2014 15:18:55 GMTCSeq: 101 INVITEServer: Cisco-CP8841/10.2.1Contact: <sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp>Allow: ACK,BYE,CANCEL,INVITE,NOTIFY,OPTIONS,REFER,REGISTER,UPDATE,SUBSCRIBE,INFORemote-Party-ID: "9110011" <sip:9110011@14.48.32.90>;party=called;id-type=subscriber;privacy=off;screen=yesSupported: replaces,join,sdp-anat,norefersub,resource-priority,extended-refer,X-cisco-callinfo,X-cisco-serviceuri,X-cisco-escapecodes,X-cisco-service-control,X-cisco-srtp-fallback,X-cisco-monrec,X-cisco-config,X-cisco-sis-7.0.0,X-cisco-xsi-8.5.1Allow-Events: kpml,dialogContent-Length: 203Content-Type: application/sdpContent-Disposition: session;handling=optionalv=0o=Cisco-SIPUA 11326 0 IN IP4 14.48.32.17s=SIP Callt=0 0m=audio 19696 RTP/AVP 0 101c=IN IP4 14.48.32.17a=rtpmap:0 PCMU/8000a=rtpmap:101 telephone-event/8000a=fmtp:101 0-15a=inactive ### CUCM responds with ACK for 200 OK for INVITE #2 to invoke the BiB01314648.001 |11:18:48.866 |AppInfo |SIPTcp - wait_SdlSPISignal: Outgoing SIP TCP message to 14.48.32.17 on port 50841 index 17 [106331,NET]ACK sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp SIP/2.0Via: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK20424175effeFrom: "Call Manager" ;tag=38249~713e2333-4032-45f1-b1f5-e33cf471acec-47601644To: <sip:9110011@14.48.32.90>;tag=b000b4d9e8cb0bbc4d5b7fc6-

3ab2172fDate: Tue, 14 Oct 2014 15:18:48 GMTCall-ID: 63fb4180-43d13ed8-203f-5a20300e@14.48.32.90User-Agent: Cisco-CUCM10.5Max-Forwards: 70CSeq: 101 ACKAllow-Events: presenceContent-Length: 0 ### BiB places second call to recording destination address (cn is calling party which is the BiB cn="b0028310001" and it is dialing the recordingdestination dd="8675309")Note that the BiB number stayed the same (b0028310001) and so did the recordingdestination number01314680.003 |11:18:48.867 |AppInfo |Digit Analysis: getDaRes data: daRes.ssType=[0] Intercept DAMR.sstype=[0], TPcount=[0], DAMR.NotifyCount=[0], DaRes.NotifyCount=[0]01314680.004 |11:18:48.867 |AppInfo |Digit Analysis: getDaRes - Remote Destination [8675309] isURI[0]01314680.005 |11:18:48.867 |AppInfo |CMUtility routeCallThroughCTIRD: no matching RemDestDynamic record exists for remdest [8675309]01314680.006 |11:18:48.867 |AppInfo |DbMobility: getMatchedRemDest starts: cnumber = 8675309001314680.007 |11:18:48.867 |AppInfo |DbMobility: getMatchedRemDest: full match case01314680.008 |11:18:48.867 |AppInfo |DbMobility SelectByDestination: no matching RemDestDynamic record exists for remdest [8675309]01314680.009 |11:18:48.867 |AppInfo |DbMobility: can't find remdest 8675309 in map01314680.010 |11:18:48.867 |AppInfo |Digit analysis: patternUsage=501314680.011 |11:18:48.867 |AppInfo |Digit analysis: match(pi="1", fqcn="", cn="b0028310001",plv="5", pss="E911_PT:Phones_PT:EMERGENCY_PT:INTERNAL_PT:INFORMACAST_PT", TodFilteredPss="E911_PT:Phones_PT:EMERGENCY_PT:INTERNAL_PT:INFORMACAST_PT", dd="8675309",dac="1")01314680.012 |11:18:48.867 |AppInfo |Digit analysis: analysis results01314680.013 |11:18:48.867 |AppInfo ||PretransformCallingPartyNumber=b0028310001|CallingPartyNumber=b0028310001|DialingPartition=|DialingPattern=8675309|FullyQualifiedCalledPartyNumber=8675309|DialingPatternRegularExpression=(8675309)|DialingWhere=|PatternType=Enterprise|PotentialMatches=NoPotentialMatchesExist|DialingSdlProcessId=(0,0,0)|PretransformDigitString=8675309|PretransformTagsList=SUBSCRIBER|PretransformPositionalMatchList=8675309|CollectedDigits=8675309 ### CUCM sends INVITE #2 to configured recording server01314731.001 |11:18:48.870 |AppInfo |//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to 14.48.32.170:[5060]:[106333,NET]INVITE sip:8675309@14.48.32.170:5060 SIP/2.0Via: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK20432a53d34cFrom: <sip:9110011@14.48.32.90;x-farend;x-refci=47601638;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sepb000b4d9e8cb;x-nearendaddr=9110011;x-farendrefci=47601637;x-farendclusterid=glenscucm10-5;x-farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=38251~713e2333-4032-45f1-b1f5-e33cf471acec-47601645To: <sip:8675309@14.48.32.170>Date: Tue, 14 Oct 2014 15:18:48 GMTCall-ID: 63fb4180-43d13ed8-2040-5a20300e@14.48.32.90Supported: timer,resource-priority,replacesMin-SE: 1800User-Agent: Cisco-CUCM10.5Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFYCSeq: 101 INVITEExpires: 180Allow-Events: presence, kpmlSupported: X-cisco-srtp-fallbackSupported: GeolocationCall-Info: ;method="NOTIFY;Event=telephone-event;Duration=500"Call-Info: ;x-cisco-video-traffic-class=DESKTOPCisco-Guid: 1677410688-0000065536-0000000002-1512058894Session-Expires: 1800P-Asserted-Identity: <sip:9110011@14.48.32.90>Remote-Party-ID: <sip:9110011@14.48.32.90>;party=calling;screen=yes;privacy=offContact: <sip:9110011@14.48.32.90:5060>;isFocusMax-Forwards: 70Content-Length: 0 ### CUCM receives 200 OK in response to INVITE #2 from configured recording server01314751.001 |11:18:48.871 |AppInfo |//SIP/SIPUdp/wait_SdlDataInd: Incoming SIP UDP message size 736 from 14.48.32.170:[5060]:[106335,NET]SIP/2.0 200 OKVia: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK20432a53d34cFrom: <sip:9110011@14.48.32.90;x-farend;x-refci=47601638;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sepb000b4d9e8cb;x-nearendaddr=9110011;x-farendrefci=47601637;x-farendclusterid=glenscucm10-5;x-farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=38251~713e2333-4032-45f1-b1f5-e33cf471acec-47601645To: <sip:8675309@14.48.32.170>;tag=2Call-ID: 63fb4180-43d13ed8-2040-5a20300e@14.48.32.90CSeq: 101 INVITEContact: <sip:14.48.32.170:5060;transport=udp>Content-Type: application/sdpContent-Length: 135v=0o=user1 53655765 2353687637 IN IP4 14.48.32.170s=-c=IN IP4 14.48.32.170t=0 0m=audio 6000 RTP/AVP 0a=rtpmap:0 PCMU/8000 ### CUCM sends re-INVITE #2 to called (recorded) phone for second BiB invocation callNotice there is no SDP01314828.001 |11:18:48.875 |AppInfo |SIPTcp - wait_SdlSPISignal: Outgoing SIP TCP message to 14.48.32.17 on port 50841 index 17 [106336,NET]INVITE sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp SIP/2.0Via: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK20443475e621From: "Call Manager" ;tag=38249~713e2333-4032-45f1-b1f5-e33cf471acec-47601644To: <sip:9110011@14.48.32.90>;tag=b000b4d9e8cb0bbc4d5b7fc6-3ab2172fDate: Tue, 14 Oct 2014 15:18:48 GMTCall-ID: 63fb4180-43d13ed8-203f-5a20300e@14.48.32.90Supported: timer,resource-priority,replacesUser-Agent: Cisco-CUCM10.5Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, SUBSCRIBE, NOTIFYCSeq: 102 INVITEMax-Forwards: 70Expires: 180Allow-Events: presenceCall-Info: ; isVoip; record-invoker=autoMin-SE:

1800Remote-Party-ID: "Call Manager" ;party=calling;screen=yes;privacy=offContact:
<sip:14.48.32.90:5060;transport=tcp>Content-Length: 0 ### Called (recorded) phone returns 200 OK to re-INVITE #101314829.002 |11:18:48.876 |AppInfo |SIPTcp - wait_SdlReadRsp: Incoming SIP TCP message from 14.48.32.17 on port 50841 index 17 with 1235 bytes:[106337,NET]SIP/2.0 200 OKVia: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK204176d717cdFrom: "Call Manager" ;tag=38246~713e2333-4032-45f1-b1f5-e33cf471acec-47601641To: <sip:9110011@14.48.32.90>;tag=b000b4d9e8cb0bbb4457e725-6869188aCall-ID: 63fb4180-43d13ed8-203d-5a20300e@14.48.32.90Date: Tue, 14 Oct 2014 15:18:55 GMTCSeq: 102 INVITEServer: Cisco-CP8841/10.2.1Contact: <sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp>Allow: ACK,BYE,CANCEL,INVITE,NOTIFY,OPTIONS,REFER,REGISTER,UPDATE,SUBSCRIBE,INFORemote-Party-ID: "9110011" <sip:9110011@14.48.32.90>;party=called;id-type=subscriber;privacy=off;screen=yesSupported: replaces,join,sdp-anat,norefersub,resource-priority,extended-refer,X-cisco-callinfo,X-cisco-serviceuri,X-cisco-escapecodes,X-cisco-service-control,X-cisco-srtp-fallback,X-cisco-monrec,X-cisco-config,X-cisco-sis-7.0.0,X-cisco-xsi-8.5.1Allow-Events: kpml,dialogContent-Length: 202Content-Type: application/sdpContent-Disposition: session;handling=optionalv=0o=Cisco-SIPUA 4077 1 IN IP4 14.48.32.17s=SIP Callt=0 0m=audio 28512 RTP/AVP 0 101c=IN IP4 14.48.32.17a=rtpmap:0 PCMU/8000a=rtpmap:101 telephone-event/8000a=fmtp:101 0-15a=sendrecv ### CUCM sends ACK to called (recorded) phone for re-INVITE #101314873.001 |11:18:48.880 |AppInfo |SIPTcp - wait_SdlSPISignal: Outgoing SIP TCP message to 14.48.32.17 on port 50841 index 17 [106338,NET]ACK sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp SIP/2.0Via: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK204521531f4bFrom: "Call Manager" ;tag=38246~713e2333-4032-45f1-b1f5-e33cf471acec-47601641To: <sip:9110011@14.48.32.90>;tag=b000b4d9e8cb0bbb4457e725-6869188aDate: Tue, 14 Oct 2014 15:18:48 GMTCall-ID: 63fb4180-43d13ed8-203d-5a20300e@14.48.32.90User-Agent: Cisco-CUCM10.5Max-Forwards: 70CSeq: 102 ACKAllow-Events: presenceContent-Type: application/sdpContent-Length: 178v=0o=CiscoSystemsCCM-SIP 38246 3 IN IP4 14.48.32.90s=SIP Callc=IN IP4 14.48.32.170b=TIAS:64000b=AS:64t=0 0m=audio 6000 RTP/AVP 0a=rtpmap:0 PCMU/8000a=recvonly ### CUCM sends ACK to configured recording server for INVITE #101314875.001 |11:18:48.880 |AppInfo |//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to 14.48.32.170:[5060]:[106339,NET]ACK sip:14.48.32.170:5060;transport=UDP SIP/2.0Via: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK20467ee6be7From: <sip:9110011@14.48.32.90;x-nearend;x-refci=47601638;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sepb000b4d9e8cb;x-nearendaddr=9110011;x-farendrefci=47601637;x-farendclusterid=glenscucm10-5;x-farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=38248~713e2333-4032-45f1-b1f5-e33cf471acec-47601642To: <sip:8675309@14.48.32.170>;tag=1Date: Tue, 14 Oct 2014 15:18:48 GMTCall-ID: 63fb4180-43d13ed8-203e-5a20300e@14.48.32.90User-Agent: Cisco-CUCM10.5Max-Forwards: 70CSeq: 101 ACKAllow-Events: presence, kpmlContent-Type: application/sdpContent-Length: 234v=0o=CiscoSystemsCCM-SIP 38248 1 IN IP4 14.48.32.90s=SIP Callc=IN IP4 14.48.32.17b=TIAS:64000b=AS:64t=0 0m=audio 28512 RTP/AVP 0 101a=rtpmap:0 PCMU/8000a=sendonlya=rtpmap:101 telephone-event/8000a=fmtp:101 0-15 ### Called (recorded) phone returns 200 OK for re-INVITE #201314878.005 |11:18:48.881 |AppInfo |SIPTcp - wait_SdlReadRsp: Incoming SIP TCP message from 14.48.32.17 on port 50841 index 17 with 1236 bytes:[106341,NET]SIP/2.0 200 OKVia: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK20443475e621From: "Call Manager" ;tag=38249~713e2333-4032-45f1-b1f5-e33cf471acec-47601644To: <sip:9110011@14.48.32.90>;tag=b000b4d9e8cb0bbc4d5b7fc6-3ab2172fCall-ID: 63fb4180-43d13ed8-203f-5a20300e@14.48.32.90Date: Tue, 14 Oct 2014 15:18:55 GMTCSeq: 102 INVITEServer: Cisco-CP8841/10.2.1Contact: <sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp>Allow: ACK,BYE,CANCEL,INVITE,NOTIFY,OPTIONS,REFER,REGISTER,UPDATE,SUBSCRIBE,INFORemote-Party-ID: "9110011" <sip:9110011@14.48.32.90>;party=called;id-type=subscriber;privacy=off;screen=yesSupported: replaces,join,sdp-anat,norefersub,resource-priority,extended-refer,X-cisco-callinfo,X-cisco-serviceuri,X-cisco-escapecodes,X-cisco-service-control,X-cisco-srtp-fallback,X-cisco-monrec,X-cisco-config,X-cisco-sis-7.0.0,X-cisco-xsi-8.5.1Allow-Events: kpml,dialogContent-Length: 203Content-Type: application/sdpContent-Disposition: session;handling=optionalv=0o=Cisco-SIPUA 11326 1 IN IP4 14.48.32.17s=SIP Callt=0 0m=audio 19696 RTP/AVP 0 101c=IN IP4 14.48.32.17a=rtpmap:0 PCMU/8000a=rtpmap:101 telephone-event/8000a=fmtp:101 0-15a=sendrecv ### CUCM sends ACK to called (recorded) phone for re-INVITE #201314907.001 |11:18:48.883 |AppInfo |SIPTcp - wait_SdlSPISignal: Outgoing SIP TCP message to 14.48.32.17 on port 50841 index 17 [106342,NET]ACK sip:56ce4d7f-d3a2-40fd-a8b3-3f93c8832b9d@14.48.32.17:50841;transport=tcp SIP/2.0Via: SIP/2.0/TCP 14.48.32.90:5060;branch=z9hG4bK204755ae79c7From: "Call Manager" ;tag=38249~713e2333-4032-45f1-b1f5-e33cf471acec-47601644To: <sip:9110011@14.48.32.90>;tag=b000b4d9e8cb0bbc4d5b7fc6-3ab2172fDate: Tue, 14 Oct 2014 15:18:48 GMTCall-ID: 63fb4180-43d13ed8-203f-

5a20300e@14.48.32.90User-Agent: Cisco-CUCM10.5Max-Forwards: 70CSeq: 102 ACKAllow-Events: presenceContent-Type: application/sdpContent-Length: 178v=0o=CiscoSystemsCCM-SIP 38249 3 IN IP4 14.48.32.90s=SIP Callc=IN IP4 14.48.32.170b=TIAS:64000b=AS:64t=0 0m=audio 6000 RTP/AVP 0a=rtpmap:0 PCMU/8000a=recvonly ### CUCM sends ACK to configured recording server for INVITE #201314909.001 |11:18:48.883 |AppInfo |//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to 14.48.32.170:[5060]:[106343,NET]ACK sip:14.48.32.170:5060;transport=UDP SIP/2.0Via: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK204854e1b53fFrom: <sip:9110011@14.48.32.90;x-farend;x-refci=47601638;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sepb000b4d9e8cb;x-nearendaddr=9110011;x-farendrefci=47601637;x-farendclusterid=glenscucm10-5;x-farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=38251~713e2333-4032-45f1-b1f5-e33cf471acec-47601645To: <sip:8675309@14.48.32.170>;tag=2Date: Tue, 14 Oct 2014 15:18:48 GMTCall-ID: 63fb4180-43d13ed8-2040-5a20300e@14.48.32.90User-Agent: Cisco-CUCM10.5Max-Forwards: 70CSeq: 101 ACKAllow-Events: presence, kpmlContent-Type: application/sdpContent-Length: 234v=0o=CiscoSystemsCCM-SIP 38251 1 IN IP4 14.48.32.90s=SIP Callc=IN IP4 14.48.32.17b=TIAS:64000b=AS:64t=0 0m=audio 19696 RTP/AVP 0 101a=rtpmap:0 PCMU/8000a=sendonlya=rtpmap:101 telephone-event/8000a=fmtp:101 0-15

Troubleshooting

Negociación Codec

El abajo es un ejemplo de uno de la mayoría del tipo común de errores de la grabación de la llamada - discrepancia de cÓdec entre el teléfono registrado y el servidor de la grabación:

~~~~~~~~~~~~~~~~~~~~~~~~~Codec Negotiation Failure~~~~~~~~~~~~~~~~~~~~~~~~~### Calling phone places call00019629.001 |12:48:34.510 |AppInfo |StationInit: (0000005) EnblocCall calledParty=9110001.### CUCM performs digit analysis against the dialed digits (dd="9110001")00019638.001 |12:48:34.511 |AppInfo |Digit Analysis: star_DaReq: daReq.partitionSearchSpace(), filteredPartitionSearchSpaceString(), partitionSearchSpaceString()00019638.002 |12:48:34.511 |AppInfo |Digit Analysis: star_DaReq: Matching Legacy Numeric, digits=911000100019638.003 |12:48:34.522 |AppInfo |Digit Analysis: getDaRes data: daRes.ssType=[0] Intercept DAMR.sstype=[0], TPcount=[0], DAMR.NotifyCount=[0], DaRes.NotifyCount=[0]00019638.004 |12:48:34.522 |AppInfo |Digit Analysis: getDaRes - Remote Destination [] isURI[1]00019638.005 |12:48:34.522 |AppInfo |Digit analysis: patternUsage=200019638.006 |12:48:34.522 |AppInfo |Digit analysis: match(pi="2", fqcn="9110006", cn="9110006",plv="5", pss="", TodFilteredPss="", dd="9110001",dac="1")00019638.007 |12:48:34.522 |AppInfo |Digit analysis: analysis results00019638.008 |12:48:34.522 |AppInfo ||PretransformCallingPartyNumber=9110006|CallingPartyNumber=9110006|DialingPartition=|DialingPattern=9110001|FullyQualifiedCalledPartyNumber=9110001|DialingPatternRegularExpression=(9110001)|DialingWhere=|PatternType=Enterprise|PotentialMatches=NoPotentialMatchesExist|DialingSdlProcessId=(0,0,0)|PretransformDigitString=9110001|PretransformTagsList=SUBSCRIBER|PretransformPositionalMatchList=9110001|CollectedDigits=9110001 ### CUCM determines call must stay on same node and go to LineControl (PID=LineControl(2,100,174,19))00019640.001 |12:48:34.522 |AppInfo |Digit analysis: wait_DmPidRes- Partition=[] Pattern=[9110001] Where=[],cmDeviceType=[UserDevice], OutsideDialtone =[0], DeviceOverride=[0], PID=LineControl(2,100,174,7),CI=[49613637],Sender=Cdcc(2,100,219,1)### CUCM extends the call to the called phone00019657.003 |12:48:34.560 |AppInfo |StationD: (0000007) DEBUG whatToDo: line=1 calls=0 limit=4, busy=2. GCI=(2, 7001), cm_PL=(5, 0).00019657.004 |12:48:34.560 |AppInfo |StationD: (0000007) DEBUG whatToDo: busy trigger not hit... send to open appearance00019657.005 |12:48:34.560 |AppInfo |preFilterCapCount =[11], preFilterCaps :: (Cap)= (25) (6) (4) (2) (7) (8) (15) (16) (11) (12) (257) Filtering Caps due to Service Parameter Configuration postFilterCapCount =[8], postFilterCaps :: (Cap)= (25) (4) (2) (15) (16) (11) (12) (257)00019657.006 |12:48:34.560 |AppInfo |preFilterCapCount =[0], preFilterCaps :: (Cap)= Filtering Caps due to Service Parameter Configuration postFilterCapCount =[0], postFilterCaps :: (Cap)=00019657.007 |12:48:34.560 |Created | | |StationCdpc(2,100,64,2) |StationD(2,100,63,7) | |NumOfCurrentInstances: 200019657.008 |12:48:34.560 |AppInfo |StationD: (0000007) DEBUG- getLineRingSetting: retVal=4.00019657.009 |12:48:34.560 |AppInfo |StationD: (0000007) DEBUG- saveRinger for: ci=49613638, line=1, mode=2, cm_precedence=5, callPhase=5.00019657.010 |12:48:34.560 |AppInfo |StationD: (0000007) DEBUG- saveRinger: ci=49613638, line=1, mode=2,
~~~~~~~~~~~~~~~~~~~~~~~~~

cm_precedence=5, callPhase=5, modifier=000019657.011 |12:48:34.560 |AppInfo |StationD:
(0000007) INFO sendCallAcceptReq: Try to send StationLineCallAccept to cdpc=2 .00019657.012
|12:48:34.560 |AppInfo |StationD: (0000007) playRinger for: ci=49613638.00019657.013
|12:48:34.560 |AppInfo |StationD: (0000007) DEBUG- getLineRingSetting: retVal=4.00019657.014
|12:48:34.560 |AppInfo |StationD: (0000007) DEBUG- getLineRingSetting: retVal=4.00019657.015
|12:48:34.560 |AppInfo |StationD: (0000007) DEBUG- getLineRingSetting: retVal=4.### The
Called (recorded) phone goes off hook00019709.001 |12:48:36.042 |AppInfo |StationD:
(0000007) restart0_StationOffHook - INFO: CI=49613638 on line=1, SPKMode=0, alwaysPrimeLine=0,
alwaysUsePrimeLineForVM=0, fid=9999, offHookTrigger=1.### CUCM Tells the calling phone to open
the logical channel00019773.001 |12:48:36.061 |AppInfo |StationD: (0000005) SEP0018195AA209
, star_MediaExchangeAgenaOpenLogicalChannel packetSize=20, codec=4, ci=49613637### CUCM Tells
the called (recorded) to open the logical channel00019776.001 |12:48:36.061 |AppInfo |StationD:
(0000007) SEP001795BDD16B , star_MediaExchangeAgenaOpenLogicalChannel packetSize=20, codec=4,
ci=49613638### CUCM Tells the calling phone to open the receive channel00019784.002
|12:48:36.062 |AppInfo |StationD: (0000005) OpenReceiveChannel conferenceID=49613637
passThruPartyID=33554433 millisecondPacketSize=20 compressionType=4(Media_Payload_G711Ulaw64k)
RFC2833PayloadType=0 qualifierIn=? sourceIpAddr=IpAddr.type:0
ipAddr:0x0e3020210000000000000000000000000(14.48.32.33). myIP: IpAddr.type:0
ipv4Addr:0x0e30201c(14.48.32.28)### Codec locked due to recording on called (recorded)
phone00019785.003 |12:48:36.062 |AppInfo | StationCdpc: star_MediaExchangeAgenaQueryCapability
- Device SEP001795BDD16B, codec locked due to recording, codecType=4### CUCM Tells the called
(recorded) phone to open the receive channel00019788.002 |12:48:36.062 |AppInfo |StationD:
(0000007) OpenReceiveChannel conferenceID=49613638 passThruPartyID=33554434
millisecondPacketSize=20 compressionType=4(Media_Payload_G711Ulaw64k) RFC2833PayloadType=0
qualifierIn=? sourceIpAddr=IpAddr.type:0 ipAddr:0x0e30201c00000000000000000000000(14.48.32.28).
myIP: IpAddr.type:0 ipv4Addr:0x0e302021(14.48.32.33)### CUCM allocates the BiB on the called
(recorded) phone00019830.000 |12:48:36.074 |SdlSig |MrmAllocateUcbResourceReq
|waiting |MediaResourceManager(2,100,138,1) |Cc(2,100,220,1)
|2,100,14,19.206^14.48.32.33^SEP001795BDD16B |[R:N-H:0,N:1,L:0,V:0,Z:0,D:0] CI=49613639
SsType=33554461 SsKey=1 BridgeType=0 MRGLPkid= NumStream=1 Bib=89cdb152-4ef2-4d60-9e6b-
ab8c77c22618 BibTgCi=49613638 FeatId=159 PL=5 PLDmn=0 DeviceCapability=0 NumVideoCapable=0
requestDeviceType=0 requestDeviceLocale=64 forkingDevicePosition=2 playToneDir=3### BiB places
it's first call to recording destination address (cn is calling number which is the BiB
cn="b00223906001" and it is dialing the recordingdestination dd="8675309")00019889.001
|12:48:36.100 |AppInfo |Digit Analysis: star_DaReq: daReq.partitionSearchSpace(),
filteredPartitionSearchSpaceString(), partitionSearchSpaceString()00019889.002 |12:48:36.100
|AppInfo |Digit Analysis: star_DaReq: Matching Legacy Numeric, digits=867530900019889.003
|12:48:36.100 |AppInfo |Digit Analysis: getDaRes data: daRes.ssType=[0] Intercept
DAMR.sstype=[0], TPcount=[0], DAMR.NotifyCount=[0], DaRes.NotifyCount=[0]00019889.004
|12:48:36.100 |AppInfo |Digit Analysis: getDaRes - Remote Destination [8675309]
isURI[0]00019889.005 |12:48:36.100 |AppInfo |CMUtility routeCallThroughCTIRD: no matching
RemDestDynamic record exists for remdest [8675309]00019889.006 |12:48:36.100 |AppInfo
|DbMobility: getMatchedRemDest starts: cnumber = 867530900019889.007 |12:48:36.100 |AppInfo
|DbMobility: getMatchedRemDest: full match case00019889.008 |12:48:36.100 |AppInfo |DbMobility
SelectByDestination: no matching RemDestDynamic record exists for remdest [8675309]00019889.009
|12:48:36.100 |AppInfo |DbMobility: can't find remdest 8675309 in map00019889.010 |12:48:36.100
|AppInfo |Digit analysis: patternUsage=500019889.011 |12:48:36.100 |AppInfo |Digit analysis:
match(pi="1", fqcn="", cn="b00223906001",plv="5",
pss="E911_PT:Phones_PT:EMERGENCY_PT:INTERNAL_PT:INFORMACAST_PT",
TodFilteredPss="E911_PT:Phones_PT:EMERGENCY_PT:INTERNAL_PT:INFORMACAST_PT",
dd="8675309",dac="1")00019889.012 |12:48:36.100 |AppInfo |Digit analysis: analysis
results00019889.013 |12:48:36.100 |AppInfo
||PretransformCallingPartyNumber=b00223906001|CallingPartyNumber=b00223906001|DialingPartition=|
DialingPattern=8675309|FullyQualifiedCalledPartyNumber=8675309|DialingPatternRegularExpression=(
8675309)|DialingWhere=|PatternType=Enterprise|PotentialMatches=NoPotentialMatchesExist|DialingSd
lProcessId=(0,0,0)|PretransformDigitString=8675309|PretransformTagsList=SUBSCRIBER|PretransformP
ositionalMatchList=8675309|CollectedDigits=8675309 ### Calling phone sends CUCM the ORC
ACK00019912.001 |12:48:36.139 |AppInfo |StationInit: (0000005) OpenReceiveChannelAck Status=0,
IpAddr=IpAddr.type:0 ipAddr:0x0e30201c00000000000000000000000(14.48.32.28), Port=31678,
PartyID=33554433### CUCM sends startMediaTransmission to the called (recorded) phone telling the
phone to send RTP to the calling phone (14.48.32.28)00019920.001 |12:48:36.139 |AppInfo
|StationD: (0000007) startMediaTransmission conferenceID=49613638 passThruPartyID=33554434
remoteIpAddress=IpAddr.type:0 ipAddr:0x0e30201c00000000000000000000000(14.48.32.28)

remotePortNumber=31678 milliSecondPacketSize=20 compressType=4(Media_Payload_G711Ulaw64k) RFC2833PayloadType=0 qualifierOut=?. myIP: IpAddr.type:0 ipv4Addr:0x0e302021(14.48.32.33)### Called (recorded) phone sends CUCM the ORC ACK00019959.001 |12:48:36.145 |AppInfo |StationInit: (0000007) OpenReceiveChannelAck Status=0, IpAddr=IpAddr.type:0 ipAddr:0x0e3020210000000000000000000000000(14.48.32.33), Port=28360, PartyID=33554434### CUCM sends startMediaTransmission to the calling phone telling the phone to send RTP to the called phone (14.48.32.33)00019977.001 |12:48:36.146 |AppInfo |StationD: (0000005) startMediaTransmission conferenceID=49613637 passThruPartyID=33554433 remoteIpAddress=IpAddr.type:0 ipAddr:0x0e3020210000000000000000000000000(14.48.32.33) remotePortNumber=28360 milliSecondPacketSize=20 compressType=4(Media_Payload_G711Ulaw64k) RFC2833PayloadType=0 qualifierOut=?. myIP: IpAddr.type:0 ipv4Addr:0x0e30201c(14.48.32.28)### BiB places second call to recording destination address (cn is calling number which is the BiB cn="b00223906001" and it is dialing the recordingdestination dd="8675309")
Note that the BiB number stayed the same (b00223906001) and so did the recordingdestination number00020002.001 |12:48:36.147 |AppInfo |Digit Analysis: star_DaReq: daReq.partitionSearchSpace(), filteredPartitionSearchSpaceString(), partitionSearchSpaceString()00020002.002 |12:48:36.147 |AppInfo |Digit Analysis: star_DaReq: Matching Legacy Numeric, digits=867530900020002.003 |12:48:36.147 |AppInfo |Digit Analysis: getDaRes data: daRes.ssType=[0] Intercept DAMR.sstype=[0], TPcount=[0], DAMR.NotifyCount=[0], DaRes.NotifyCount=[0]00020002.004 |12:48:36.147 |AppInfo |Digit Analysis: getDaRes - Remote Destination [8675309] isURI[0]00020002.005 |12:48:36.147 |AppInfo |CMUtility routeCallThroughCTIRD: no matching RemDestDynamic record exists for remdest [8675309]00020002.006 |12:48:36.147 |AppInfo |DbMobility: getMatchedRemDest starts: cnumber = 867530900020002.007 |12:48:36.147 |AppInfo |DbMobility: getMatchedRemDest: full match case00020002.008 |12:48:36.147 |AppInfo |DbMobility SelectByDestination: no matching RemDestDynamic record exists for remdest [8675309]00020002.009 |12:48:36.147 |AppInfo |DbMobility: can't find remdest 8675309 in map00020002.010 |12:48:36.147 |AppInfo |Digit analysis: patternUsage=500020002.011 |12:48:36.147 |AppInfo |Digit analysis: match(pi="1", fqcn="", cn="b00223906001",plv="5", pss="E911_PT:Phones_PT:EMERGENCY_PT:INTERNAL_PT:INFORMACAST_PT", TodFilteredPss="E911_PT:Phones_PT:EMERGENCY_PT:INTERNAL_PT:INFORMACAST_PT", dd="8675309",dac="1")00020002.012 |12:48:36.147 |AppInfo |Digit analysis: analysis results00020002.013 |12:48:36.147 |AppInfo ||PretransformCallingPartyNumber=b00223906001|CallingPartyNumber=b00223906001|DialingPartition=|DialingPattern=8675309|FullyQualifiedCalledPartyNumber=8675309|DialingPatternRegularExpression=(8675309)|DialingWhere=|PatternType=Enterprise|PotentialMatches=NoPotentialMatchesExist|DialingSdlProcessId=(0,0,0)|PretransformDigitString=8675309|PretransformTagsList=SUBSCRIBER|PretransformPositionalMatchList=8675309|CollectedDigits=8675309|UnconsumedDigits=|TagsList=SUBSCRIBER|PositionalMatchList=8675309 ### CUCM sends INVITE #1 to configured recording server (14.48.32.170)00020086.001 |12:48:36.156 |AppInfo |//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to 14.48.32.170:[5060]:[901,NET]INVITE sip:8675309@14.48.32.170:5060 SIP/2.0Via: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK4f2a857d3dFrom: <sip:9110001@14.48.32.90;x-nearend;x-refci=49613638;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sep001795bdd16b;x-nearendaddr=9110001;x-farendrefci=49613637;x-farendclusterid=glenscucm10-5;x-farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=351~713e2333-4032-45f1-b1f5-e33cf471acec-49613642To: <sip:8675309@14.48.32.170>Date: Tue, 14 Oct 2014 16:48:36 GMTCall-ID: ef7acf80-43d153e4-50-5a20300e@14.48.32.90Supported: timer,resource-priority,replacesMin-SE: 1800User-Agent: Cisco-CUCM10.5Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFYCSeq: 101 INVITEExpires: 180Allow-Events: presence, kpmlSupported: X-cisco-srtp-fallbackSupported: GeolocationCall-Info: ;method="NOTIFY;Event=telephone-event;Duration=500"Cisco-Guid: 4017803136-0000065536-0000000001-1512058894Session-Expires: 1800P-Asserted-Identity: <sip:9110001@14.48.32.90>Remote-Party-ID: <sip:9110001@14.48.32.90>;party=calling;screen=yes;privacy=offContact: <sip:9110001@14.48.32.90:5060>;isFocusMax-Forwards: 70Content-Length: 0 ### CUCM sends INVITE #2 to configured recording server (14.48.32.170)00020088.001 |12:48:36.157 |AppInfo |//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to 14.48.32.170:[5060]:[902,NET]INVITE sip:8675309@14.48.32.170:5060 SIP/2.0Via: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK5014378d0bFrom: <sip:9110001@14.48.32.90;x-farend;x-refci=49613638;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sep001795bdd16b;x-nearendaddr=9110001;x-farendrefci=49613637;x-farendclusterid=glenscucm10-5;x-farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=352~713e2333-4032-45f1-b1f5-e33cf471acec-49613645To: <sip:8675309@14.48.32.170>Date: Tue, 14 Oct 2014 16:48:36 GMTCall-ID: ef7acf80-43d153e4-51-5a20300e@14.48.32.90Supported: timer,resource-priority,replacesMin-SE: 1800User-

Agent: Cisco-CUCM10.5Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFYCSeq: 101 INVITEExpires: 180Allow-Events: presence, kpmlSupported: X-cisco-srtp-fallbackSupported: GeolocationCall-Info: ;method="NOTIFY;Event=telephone-event;Duration=500"Cisco-Guid: 4017803136-0000065536-0000000002-1512058894Session-Expires: 1800P-Asserted-Identity: <sip:9110001@14.48.32.90>Remote-Party-ID: <sip:9110001@14.48.32.90>;party=calling;screen=yes;privacy=offContact: <sip:9110001@14.48.32.90:5060>;isFocusMax-Forwards: 70Content-Length: 0 ### CUCM receives a 200 OK from recording server for INVITE #100020089.001 |12:48:36.161 |AppInfo |//SIP/SIPUdp/wait_SdlDataInd: Incoming SIP UDP message size 731 from 14.48.32.170:[5060]:[903,NET]SIP/2.0 200 OKVia: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK4f2a857d3dFrom: <sip:9110001@14.48.32.90;x-nearend;x-refci=49613638;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sep001795bdd16b;x-nearendaddr=9110001;x-farendrefci=49613637;x-farendclusterid=glenscucm10-5;x-farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=351~713e2333-4032-45f1-b1f5-e33cf471acec-49613642To: <sip:8675309@14.48.32.170>;tag=1Call-ID: ef7acf80-43d153e4-50-5a20300e@14.48.32.90CSeq: 101 INVITEContact: <sip:14.48.32.170:5060;transport=udp>Content-Type: application/sdpContent-Length: 135v=0o=user1 53655765 2353687637 IN IP4 14.48.32.170s=-c=IN IP4 14.48.32.170t=0 0m=audio 6000 RTP/AVP 0a=rtpmap:0 PCMU/8000 ### CUCM receives a 200 OK from recording server for INVITE #200020092.001 |12:48:36.161 |AppInfo |//SIP/SIPUdp/wait_SdlDataInd: Incoming SIP UDP message size 730 from 14.48.32.170:[5060]:[905,NET]SIP/2.0 200 OKVia: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK5014378d0bFrom: <sip:9110001@14.48.32.90;x-farend;x-refci=49613638;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sep001795bdd16b;x-nearendaddr=9110001;x-farendrefci=49613637;x-farendclusterid=glenscucm10-5;x-farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=352~713e2333-4032-45f1-b1f5-e33cf471acec-49613645To: <sip:8675309@14.48.32.170>;tag=2Call-ID: ef7acf80-43d153e4-51-5a20300e@14.48.32.90CSeq: 101 INVITEContact: <sip:14.48.32.170:5060;transport=udp>Content-Type: application/sdpContent-Length: 135v=0o=user1 53655765 2353687637 IN IP4 14.48.32.170s=-c=IN IP4 14.48.32.170t=0 0m=audio 6000 RTP/AVP 0a=rtpmap:0 PCMU/8000 ### Region information for connecting audio for recording call, both appear to support G.711.
Note that the bandwidth capabilities printed is kbps=8 meaning the region relationship between the two regions is limitted to codecs using 8kbps or less.00020160.005 |12:48:36.190 |AppInfo |DET-RegionsServer::matchCapabilities-- savedOption=3, PREF_NONE, regionA=(null) regionB=(null) latentCaps(A=0, B=0) kbps=8, capACount=1, capBCount=100020160.006 |12:48:36.190 |AppInfo |DET-MediaManager-(2)::checkAudioPassThru, param(bPostMTPAllocation=0,chkTrp=1), capCount(1,1), mtpPT=1, aPT=200020160.007 |12:48:36.190 |AppInfo |DET-MediaManager-(2)::preCheckCapabilities, **region1=Default**, **region2=RecordingTrunk**, **Pty1** capCount=1 (Cap,ptime)= **(4,20)**, **Pty2** capCount=1 (Cap,ptime)= **(4,20)**00020160.008 |12:48:36.190 |AppInfo |DET-RegionsServer::matchCapabilities-- savedOption=0, PREF_NONE, regionA=(null) regionB=(null) latentCaps(A=0, B=0) **kbps=8**, capACount=1, capBCount=1 ### CUCM determines 2 transcoders are required and attempts to allocate00020160.011 |12:48:36.190 |AppInfo |DET-MediaManager-(2)::preCheckCapabilities, **caps mismatch! Xcoder Reqd. kbps(8)**, filtered A[capCount=0 (Cap,ptime)=], B[capCount=0 (Cap,ptime)=] allowMTP=0 **numXcoderRequired=2** xcodingSide=0 ### No transcoder is configured which will cause this call to fail00020162.003 |12:48:36.190 |AppInfo |MediaResourceManager::sendAllocationResourceErr - ERROR - no transcoder device configured### CUCM sendt the ACK and BYE to the recording server in response to INVITE #1Note the Q.850 cause code00020210.001 |12:48:36.216 |AppInfo |//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to 14.48.32.170:[5060]:[906,NET]ACK sip:14.48.32.170:5060;transport=UDP SIP/2.0Via: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK51257b2b47From: <sip:9110001@14.48.32.90;x-nearend;x-refci=49613638;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sep001795bdd16b;x-nearendaddr=9110001;x-farendrefci=49613637;x-farendclusterid=glenscucm10-5;x-farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=351~713e2333-4032-45f1-b1f5-e33cf471acec-49613642To: <sip:8675309@14.48.32.170>;tag=1Date: Tue, 14 Oct 2014 16:48:36 GMTCall-ID: ef7acf80-43d153e4-50-5a20300e@14.48.32.90User-Agent: Cisco-CUCM10.5Max-Forwards: 70CSeq: 101 ACKAllow-Events: presence, kpmlContent-Length: 0

00020211.001 |12:48:36.216 |AppInfo |//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to 14.48.32.170:[5060]:
[907,NET]
BYE sip:14.48.32.170:5060;transport=UDP SIP/2.0
Via: SIP/2.0/UDP 14.48.32.90:5060;branch=z9hG4bK526f3d2afa
From: <sip:9110001@14.48.32.90;x-nearend;x-refci=49613638;x-nearendclusterid=GlensCUCM10-5;x-nearenddevice=SEP001795BDD16B;x-nearendaddr=9110001;x-farendrefci=49613637;x-

```
farendclusterid=GlensCUCM10-5;x-farenddevice=SEP0018195AA209;x-
farendaddr=9110006>;tag=351~713e2333-4032-45f1-b1f5-e33cf471acec-49613642
To: <sip:8675309@14.48.32.170>;tag=1
Date: Tue, 14 Oct 2014 16:48:36 GMT
Call-ID: ef7acf80-43d153e4-50-5a20300e@14.48.32.90
User-Agent: Cisco-CUCM10.5
Max-Forwards: 70
P-Asserted-Identity: <sip:9110001@14.48.32.90>
CSeq: 102 BYE
Reason: Q.850;cause=47
Content-Length: 0 ### CUCM sendt the ACK and BYE to the recording server in response to INVITE
#2Note the Q.850 cuase code in the BYE00020248.001 |12:48:36.218 |AppInfo
|//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to 14.48.32.170:[5060]:[908,NET]ACK
sip:14.48.32.170:5060;transport=UDP SIP/2.0Via: SIP/2.0/UDP
14.48.32.90:5060;branch=z9hG4bK531df920a6From: <sip:9110001@14.48.32.90;x-farend;x-
refci=49613638;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sep001795bdd16b;x-
nearendaddr=9110001;x-farendrefci=49613637;x-farendclusterid=glenscucm10-5;x-
farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=352~713e2333-4032-45f1-b1f5-e33cf471acec-
49613645To: <sip:8675309@14.48.32.170>;tag=2Date: Tue, 14 Oct 2014 16:48:36 GMTCall-ID:
ef7acf80-43d153e4-51-5a20300e@14.48.32.90User-Agent: Cisco-CUCM10.5Max-Forwards: 70CSeq: 101
ACKAllow-Events: presence, kpmlContent-Length: 0
00020249.001 |12:48:36.218 |AppInfo |//SIP/SIPUdp/wait_SdlSPISignal: Outgoing SIP UDP message to
14.48.32.170:[5060]:[909,NET]BYE sip:14.48.32.170:5060;transport=UDP SIP/2.0Via: SIP/2.0/UDP
14.48.32.90:5060;branch=z9hG4bK5462aba807From: <sip:9110001@14.48.32.90;x-farend;x-
refci=49613638;x-nearendclusterid=glenscucm10-5;x-nearenddevice=sep001795bdd16b;x-
nearendaddr=9110001;x-farendrefci=49613637;x-farendclusterid=glenscucm10-5;x-
farenddevice=sep0018195aa209;x-farendaddr=9110006>;tag=352~713e2333-4032-45f1-b1f5-e33cf471acec-
49613645To: <sip:8675309@14.48.32.170>;tag=2Date: Tue, 14 Oct 2014 16:48:36 GMTCall-ID:
ef7acf80-43d153e4-51-5a20300e@14.48.32.90User-Agent: Cisco-CUCM10.5Max-Forwards: 70P-Asserted-
Identity: <sip:9110001@14.48.32.90>CSeq: 102 BYEReason: Q.850;cause=47Content-Length: 0
```

Misconfiguration incluyendo los problemas CSS y PT

Los comandos abajo permiten que revisen a la mayoría de las configuraciones de la grabación rápidamente con solamente conocer la dirección MAC de un teléfono que no esté registrando las llamadas. Substituya simplemente a la parte del comando "*MAC_of_Phone*" por la dirección MAC real del teléfono como en los ejemplos abajo.

Esto nos da el DN (todos si hay más de uno) para el MAC que estamos buscando encendido, el MAC del teléfono apenas para la confirmación, la configuración del babero, la configuración de la aislamiento, el tipo de grabación (refiérase a los valores enumerados a los ejemplos de mi laboratorio) el perfil de la grabación funcionando por el teléfono, el nombre del CSS de registración, el destino de la grabación para ese perfil de la grabación, y la división que registrando el destino está asociado a basado en el MAC nos está buscando encendido:

ejecute sql n1.dnorpattern selecto como phone_dn, dev.name como phone_mac, el CASO dev.tkstatus_builtinbridge CUANDO '1' ENTONCES el "babero está en" CUANDO '0' ENTONCES el "babero está" de EXTREMO OTRO "NA" como is_bib_on, el CASO dev.resettoggle CUANDO "t" ENTONCES "aislamiento está en" CUANDO "f" ENTONCES "aislamiento está" de EXTREMO OTRO "NA" como is_privacy_on, el CASO recordynam.tkrecordingflag CUANDO EXTREMO OTRO "selectivo" "NA" del '2' del '1' del '0' ENTONCES la "grabación inhabilitó" CUANDO ENTONCES "automático" CUANDO ENTONCES como recording_type, el CASO devnumplanmap.tkpreferredmediasource CUANDO '1' ENTONCES el "gateway prefirió" CUANDO el '2' ENTONCES "llaman por teléfono" al EXTREMO OTRO preferido "NA" como Recording_Media_Source, rcrdpro.name como el recording_profile_name, css.name como css_used_by_recording_profile, rcrdpro.recorderdestination como recording_route_pattern, rp.name tan required_partition_for_css_used_by_recording_profile de recordingprofile como callingsearchspace del unido interno del rcrdpro como css en unir a interno

rcrdpro.fkcallingsearchspace_callrecording = css.pkid numplan como n en routepartition del unido interno n.dnorpattern = rcrdpro.recorderdestination como rp en devicenumplanmap del unido interno rp.pkid = n.fkroutepartition como devnumplanmap en unir a interno rcrdpro.pkid = devnumplanmap.fkrecordingprofile recordingdynamic como recordynam en dispositivo del unido interno devnumplanmap.pkid = recordynam.fkdevicenumplanmap como revelador en unir a interno devnumplanmap.fkdevice = dev.pkid numplan como n1 en devnumplanmap.fknumplan = n1.pkid donde css.pkid = rcrdpro.fkcallingsearchspace_callrecording y dev.name= MAC_of_Phone

Esto nos da la lista de divisiones que se asocien al CSS de registración en el perfil de la grabación que se asocia al MAC del teléfono que estamos buscando contra.

ejecute sql css.name selecto como name_of_the_recording_css, rp.name como partitions_in_recording_css, csm.sortorder del callingsearchspace como callingsearchspacemember del unido interno css como csm en routepartition del unido interno csm.fkcallingsearchspace = css.pkid como rp en unir a interno csm.fkroutepartition = rp.pkid recordingprofile como rcrdpro en devicenumplanmap del unido interno rcrdpro.fkcallingsearchspace_callrecording = css.pkid como devnumplanmap en dispositivo del unido interno rcrdpro.pkid = devnumplanmap.fkrecordingprofile como revelador en devnumplanmap.fkdevice = dev.pkid donde css.pkid = rcrdpro.fkcallingsearchspace_callrecording y dev.name= MAC_of_Phone

Aquí están los ejemplos de la salida de mi laboratorio para un teléfono con la dirección MAC **SEPC80084AA8743**:

En este comando podemos ver el teléfono tiene solamente un DN en él cuál es **2003,** nosotros también ve que el babero está prendido, la aislamiento está apagada, el tipo de grabación es automático, la fuente preferida es teléfono, el perfil de la grabación es **perfil de la grabación de la prueba**, el Calling Search Space de la grabación es **INTERNAL_CSS**, el patrón de ruta para las llamadas registradas es **8675309** y ese modelo se asocia a la división **INTERNAL_PT**.

```
run sql select n1.dnorpattern as phone_dn, dev.name as phone_mac, CASE
dev.tkstatus_builtinbridge WHEN '1' THEN 'BiB is on' WHEN '0' THEN 'BiB is off' ELSE 'NA' END as
is_bib_on, CASE dev.resettoggle WHEN 't' THEN 'Privacy is on' WHEN 'f' THEN 'Privacy is off'
ELSE 'NA' END as is_privacy_on, CASE recordynam.tkrecordingflag WHEN '0' THEN 'Recording
Disabled' WHEN '1' THEN 'Automatic' WHEN '2' THEN 'Selective' ELSE 'NA' END as recording_type,
CASE devnumplanmap.tkpreferredmediasource WHEN '1' THEN 'Gateway Preferred' WHEN '2' THEN 'Phone
Preferred' ELSE 'NA' END as Recording_Media_Source, rcrdpro.name as recording_profile_name,
css.name as css_used_by_recording_profile, rcrdpro.recorderdestination as
recording_route_pattern, rp.name as required_partition_for_css_used_by_recording_profile from
recordingprofile as rcrdpro inner join callingsearchspace as css on
rcrdpro.fkcallingsearchspace_callrecording = css.pkid inner join numplan as n on n.dnorpattern =
rcrdpro.recorderdestination inner join routepartition as rp on rp.pkid = n.fkroutepartition
inner join devicenumplanmap as devnumplanmap on rcrdpro.pkid = devnumplanmap.fkrecordingprofile
inner join recordingdynamic as recordynam on devnumplanmap.pkid = recordynam.fkdevicenumplanmap
inner join device as dev on devnumplanmap.fkdevice = dev.pkid inner join numplan as n1 on
devnumplanmap.fknumplan = n1.pkid where css.pkid = rcrdpro.fkcallingsearchspace_callrecording
and dev.name='SEPC80084AA8743'
phone_dn phone_mac is_bib_on is_privacy_on recording_type recording_media_source
recording_profile_name css_used_by_recording_profile recording_route_pattern
required_partition_for_css_used_by_recording_profile
======= ============== ========== ============== ================== ======================
====================== ============================ ======================
==================================================
2003 SEPC80084AA8743 BiB is on Privacy is off Automatic Phone Preferred Test Recording Profile
INTERNAL_CSS 8675309 INTERNAL_PT
```

Con la salida de este comando estamos marcando todas las divisiones del CSS de registración

del perfil de la grabación asociado al teléfono del interés. Podemos ver que aquí la división INTERNAL_PT es una de las divisiones asociadas al Calling Search Space INTERNAL_CSS. Esto significa que no debe haber problemas con el babero del teléfono que puede llamar al patrón de ruta de la grabación.

```
run sql select css.name as name_of_the_recording_css, rp.name as partitions_in_recording_css,
csm.sortorder from callingsearchspace as css inner join callingsearchspacemember as csm on
csm.fkcallingsearchspace = css.pkid inner join routepartition as rp on csm.fkroutepartition =
rp.pkid inner join recordingprofile as rcrdpro on rcrdpro.fkcallingsearchspace_callrecording =
css.pkid inner join devicenumplanmap as devnumplanmap on rcrdpro.pkid =
devnumplanmap.fkrecordingprofile inner join device as dev on devnumplanmap.fkdevice = dev.pkid
where css.pkid = rcrdpro.fkcallingsearchspace_callrecording and
dev.name='SEPC80084AA8743'name_of_the_recording_css partitions_in_recording_css
sortorder======================== ========================== =========INTERNAL_CSS E911_PT
1INTERNAL_CSS Phones_PT 2INTERNAL_CSS EMERGENCY_PT 3INTERNAL_CSS INTERNAL_PT 4INTERNAL_CSS
INFORMACAST_PT 5
```