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Introduction

Ce document décrit les fondements de l'enregistrement d'appels dans Cisco Unified Communications Manager (CUCM), les medias prévus circulent, les écoulements prévus d'appel pour des périphériques de Protocole SIP (Session Initiation Protocol) et de Skinny Client Control Protocol (SCCP), et un exemple d'un type commun de panne d'installation d'enregistrement d'appels.

Conditions préalables

Conditions requises

CUCM intégré avec un tiers serveur d'enregistrement.

Composants utilisés

CUCM, téléphone IP de Cisco (l'IP est Internet Protocol), et un serveur d'enregistrement d'appels.

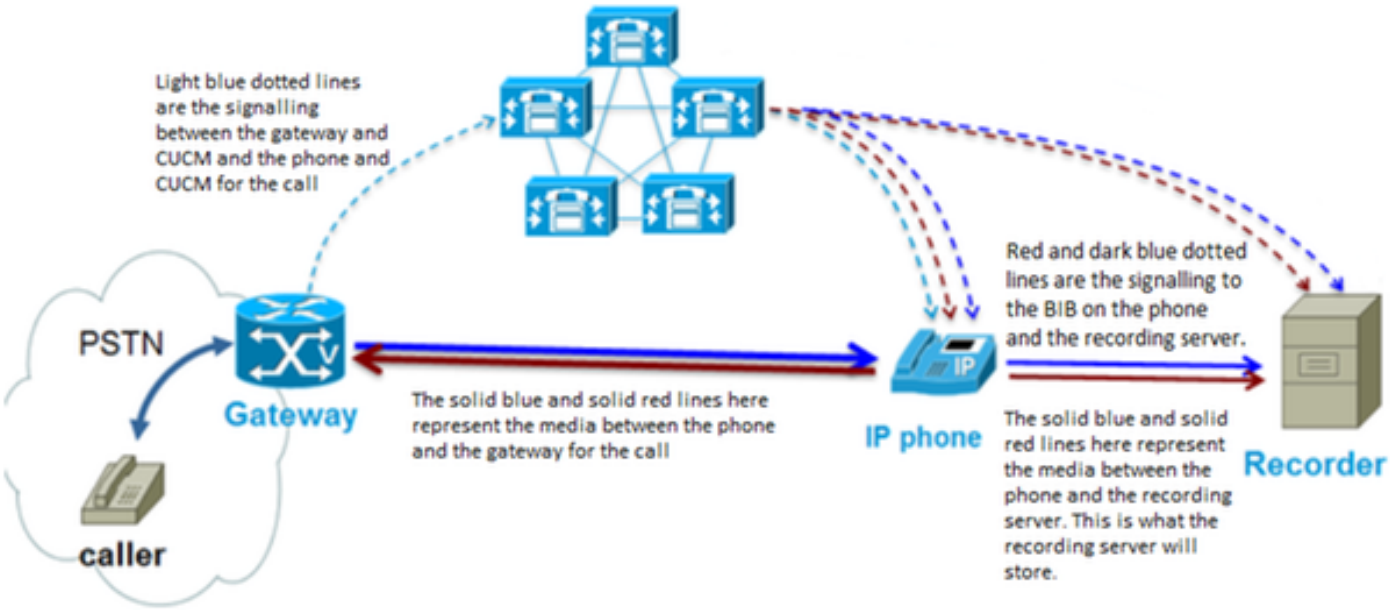
Types d'enregistrement d'appels

Automatique

Les éléments principaux de l'enregistrement d'appels automatique sont ci-dessous :

- Utilise la Construire-dans-passerelle du téléphone IP à ? fourchette ? audio à la destination d'enregistrement
- Initié chaque fois que le téléphone IP place un appel ou reçoit un appel
- Exige seulement un joncteur réseau de SIP entre CUCM et destination d'enregistrement. Quelques constructeurs d'enregistrement ont besoin de l'intégration CTI (intégration de couplage de la téléphonie et de l'informatique)
- Ne permet pas l'enregistrement des téléphones qui se trouvent en dehors de du réseau administré (doit avoir accès pour envoyer le RTP directement au serveur l'enregistrement et à être un téléphone IP de Cisco capable d'allouer une Construire-dans-passerelle)

Dans le diagramme au-dessous des lignes continues représentez les medias prévus circulent et les lignes tirées représentent l'écoulement prévu de signalisation :

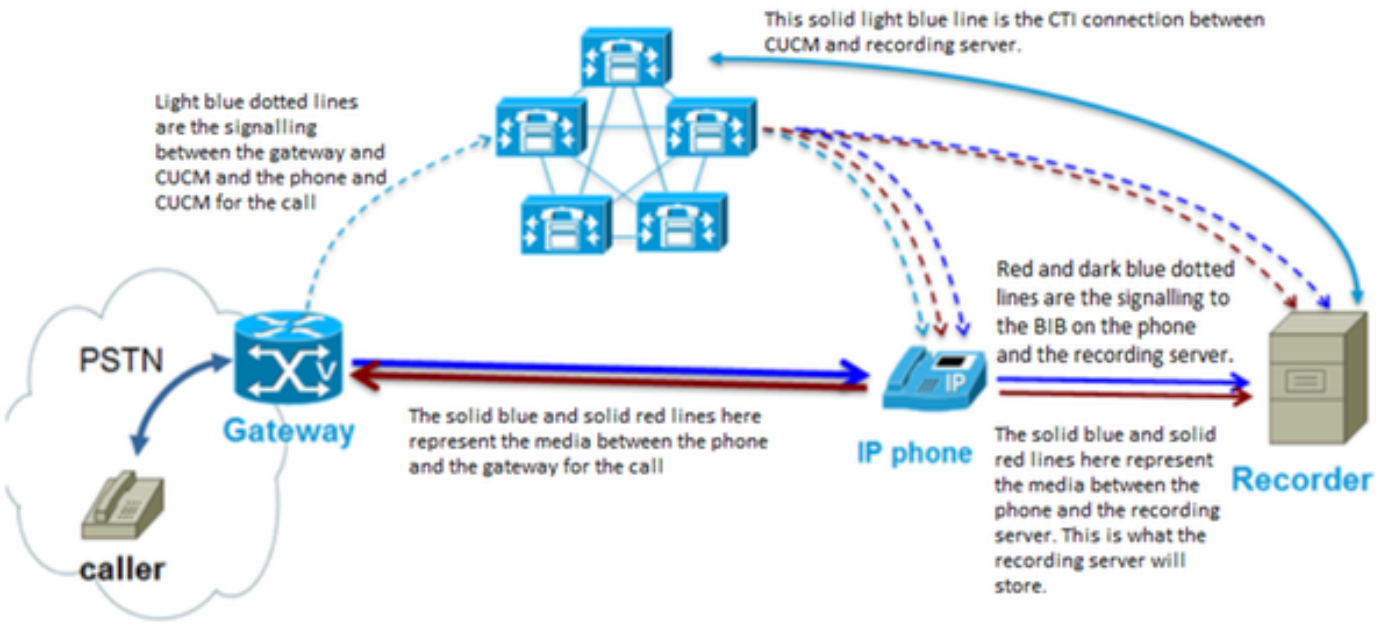


Application appelée

Les éléments principaux de l'enregistrement d'appels appelé par application sont ci-dessous :

- Utilise la Construire-dans-passerelle du téléphone IP à ? fourchette ? audio à la destination d'enregistrement
- Initié quand l'application (enregistreur) dicte qu'elle devrait être initiée
- Exige le joncteur réseau de SIP et l'intégration CTI avec l'application d'enregistrement
- L'utilisateur d'application CTI doit avoir accès aux points finaux qui doivent être enregistrés
- Ne permet pas l'enregistrement des téléphones qui se trouvent en dehors de du réseau administré (doit avoir accès pour envoyer le RTP directement au serveur l'enregistrement)

Dans le diagramme au-dessous des lignes continues représentez les medias prévus circulent et les lignes tirées représentent le flo de signalisation prévu. La ligne continue entre CUCM et le serveur d'enregistrement dénote une connexion CTI entre CUCM et l'application.

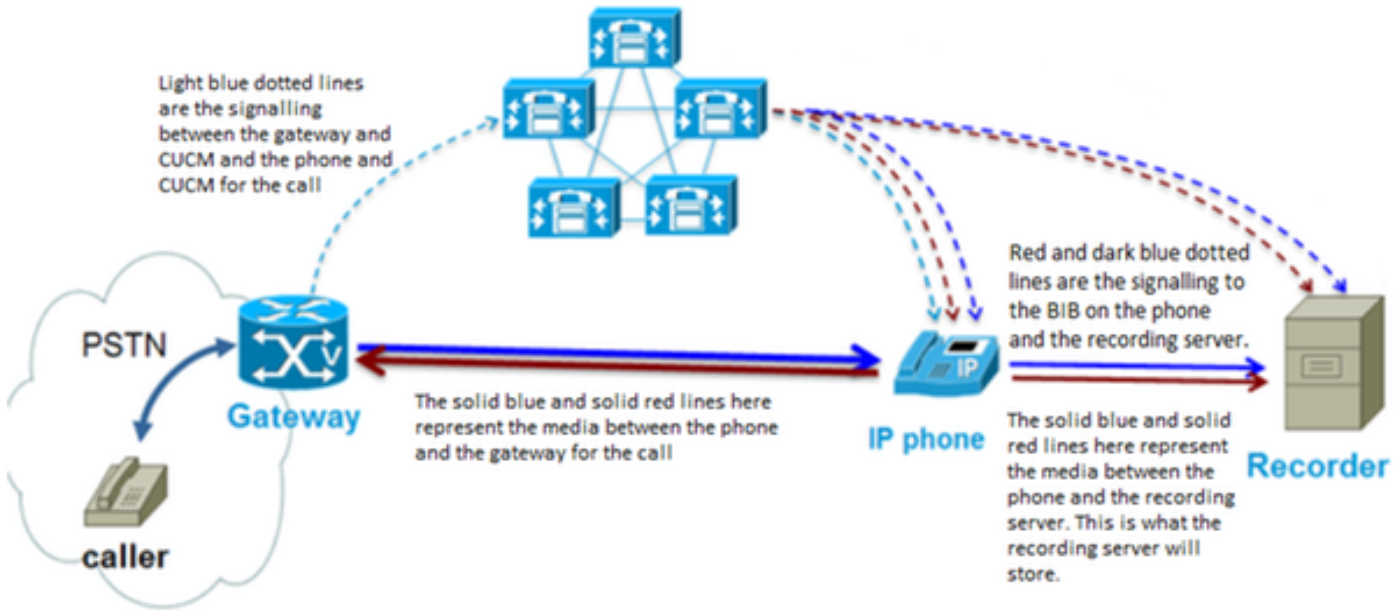


Sélectif

Les éléments principaux de l'enregistrement d'appels sélectif sont ci-dessous :

- Utilise la Construire-dans-passerelle du téléphone IP à ? fourchette ? audio à la destination d'enregistrement
- Initié chaque fois que l'utilisateur de téléphone IP sélectionne l'option d'enregistrement sur leur téléphone IP (CUCM 9.x+) ou sur une application comme dans cette image
- Exige typiquement seulement un joncteur réseau de SIP entre CUCM et destination d'enregistrement (selon le fournisseur d'applications d'enregistrement)
- Ne permet pas l'enregistrement des téléphones qui se trouvent en dehors de du réseau administré (doit avoir accès pour envoyer le RTP directement au serveur l'enregistrement)

Comme vous pouvez voir dans le diagramme ci-dessous, le support et le circuit est très semblable à l'enregistrement d'appels automatique :

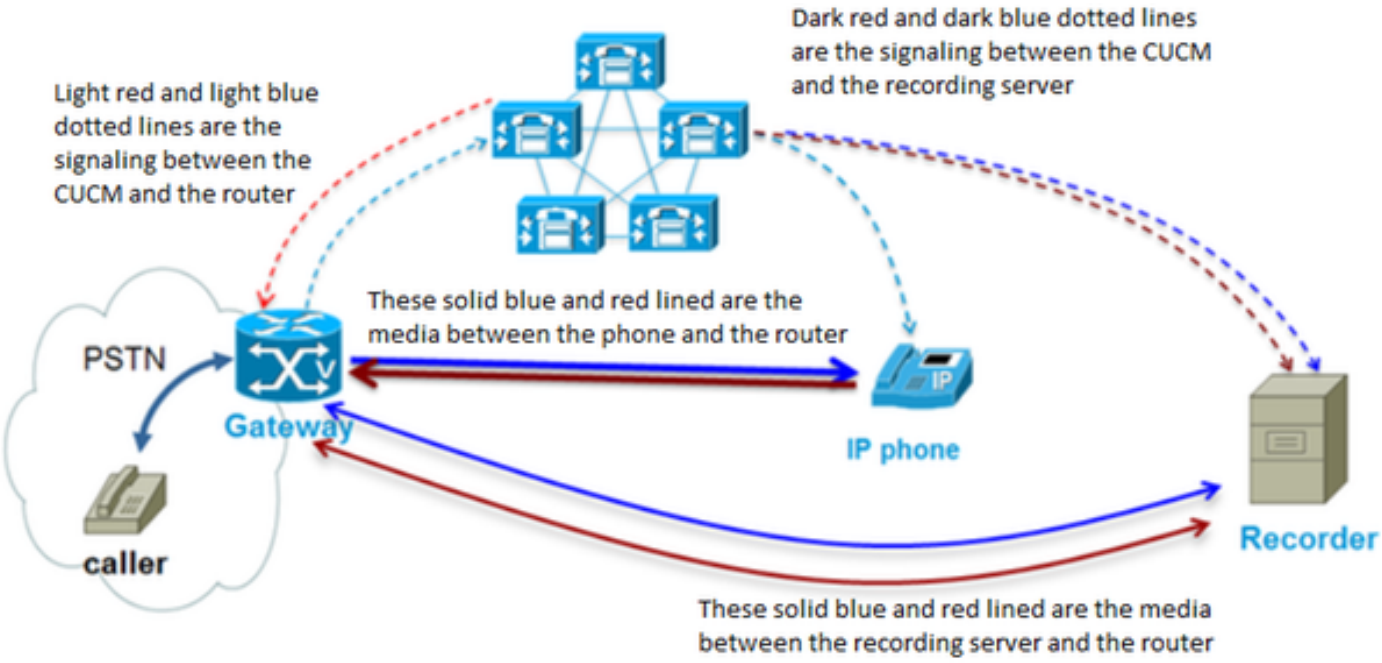


basé sur passerelle

Les éléments principaux de l'enregistrement de passerelle-basedcall sont ci-dessous :

- Exprimez la passerelle bifurque les medias vers la destination d'enregistrement
- Inscriptions CUCM à la passerelle comme application
- CUCM emploie le HTTP pour demander au gw pour couler des medias à la destination de enregistrement
- CUCM intègre avec la destination d'enregistrement par l'intermédiaire du joncteur réseau de SIP
- Permet l'enregistrement des appels qui traversent simplement le réseau administré (par exemple, aux utilisateurs nomades) ou pour les téléphones qui ne prennent en charge pas le bavoir

Comme vous pouvez voir du diagramme ci-dessous, les medias circulent sont très différents des autres types d'enregistrement d'appels :

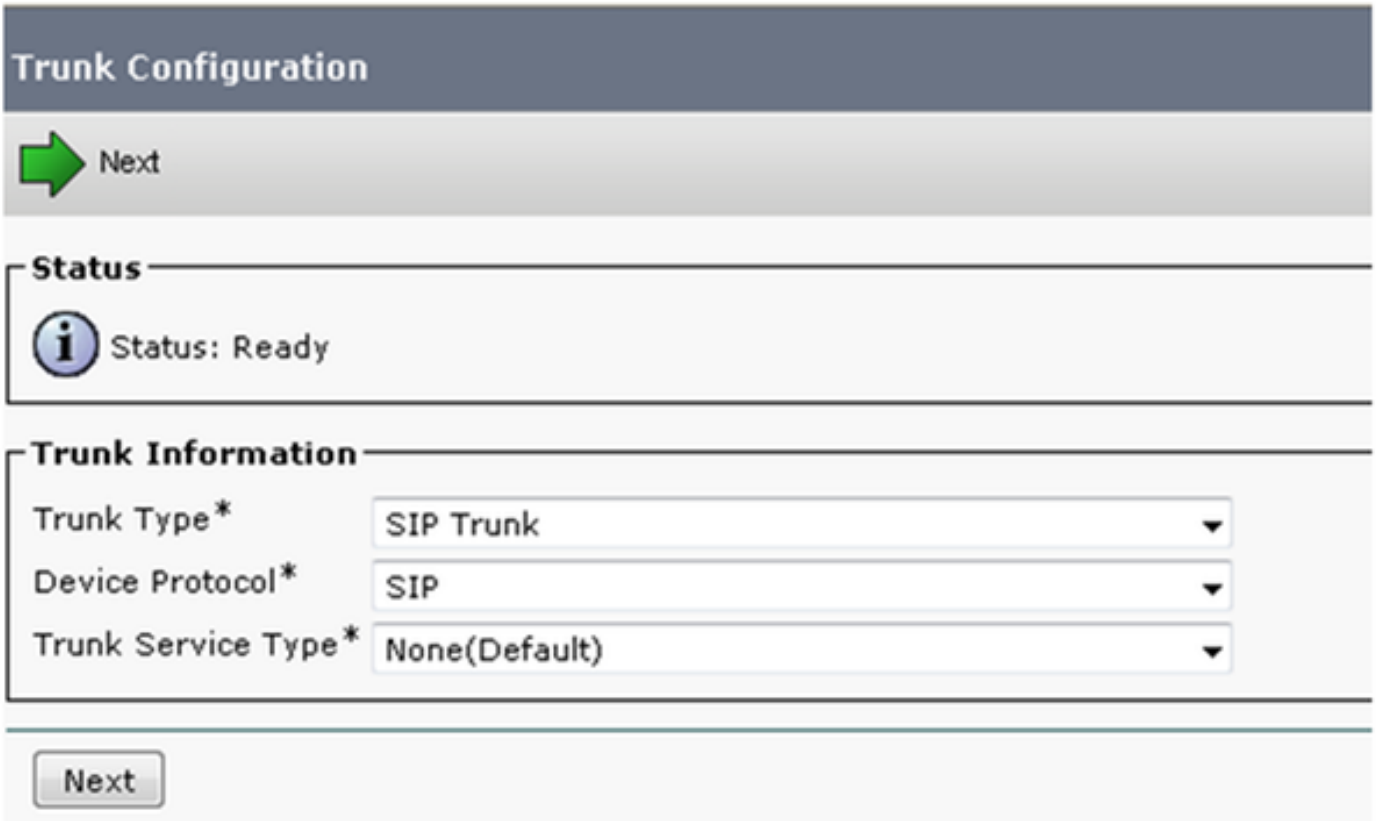


Configuration automatique d'enregistrement d'appels pour l'intégration de SIP seulement

Cette section décrit comment installer l'intégration de SIP d'un serveur d'enregistrement.

Créez le joncteur réseau de SIP à la destination d'enregistrement

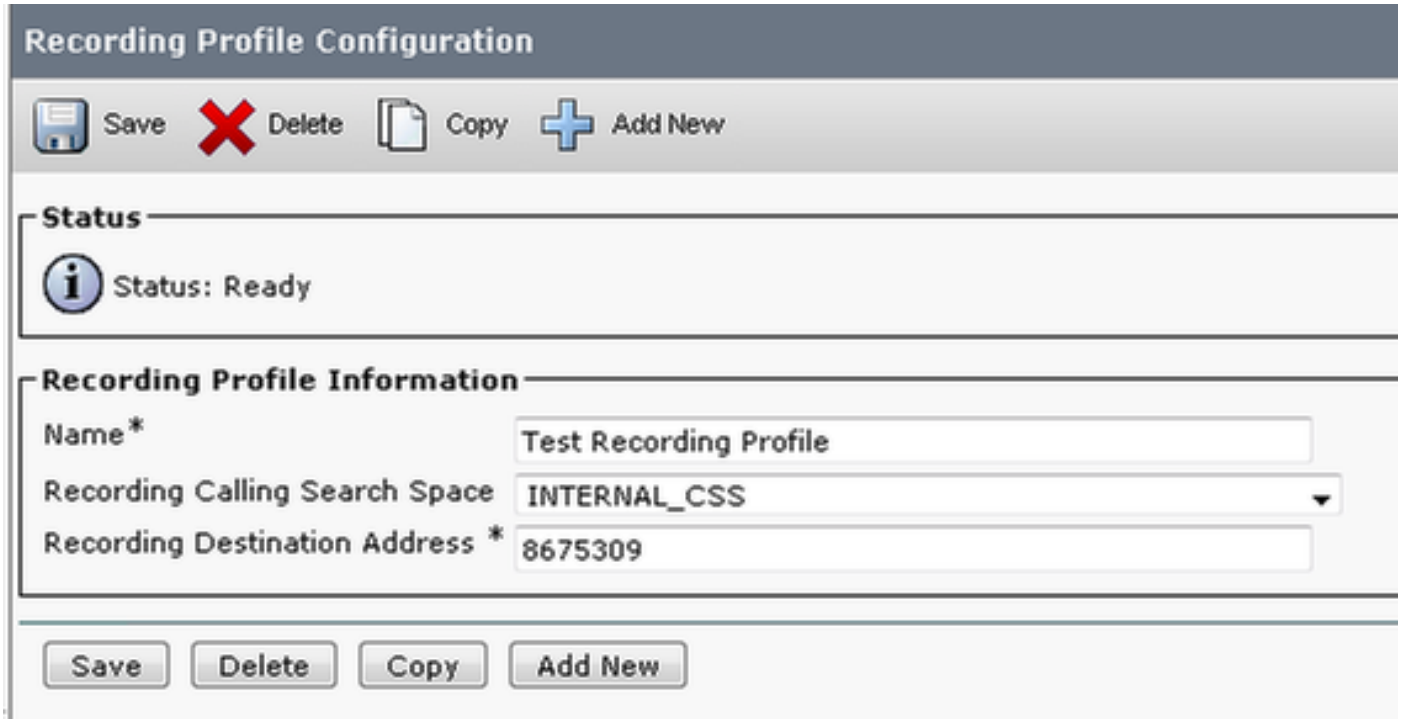
- Sous le périphérique > le joncteur réseau, choisis ajoutez nouveau
- Créez un joncteur réseau de SIP avec les configurations suivantes :



- Entrez le nom de périphérique approprié, le Pool d'appareils, le profil de Sécurité de joncteur réseau MRGL, de SIP, et le profil de SIP
- L'adresse de destination configurée sera l'adresse du serveur d'applications d'enregistrement. Dans l'exemple au-dessous de l'enregistrement le serveur a 14.48.32.170 ans

Créez le profil d'enregistrement

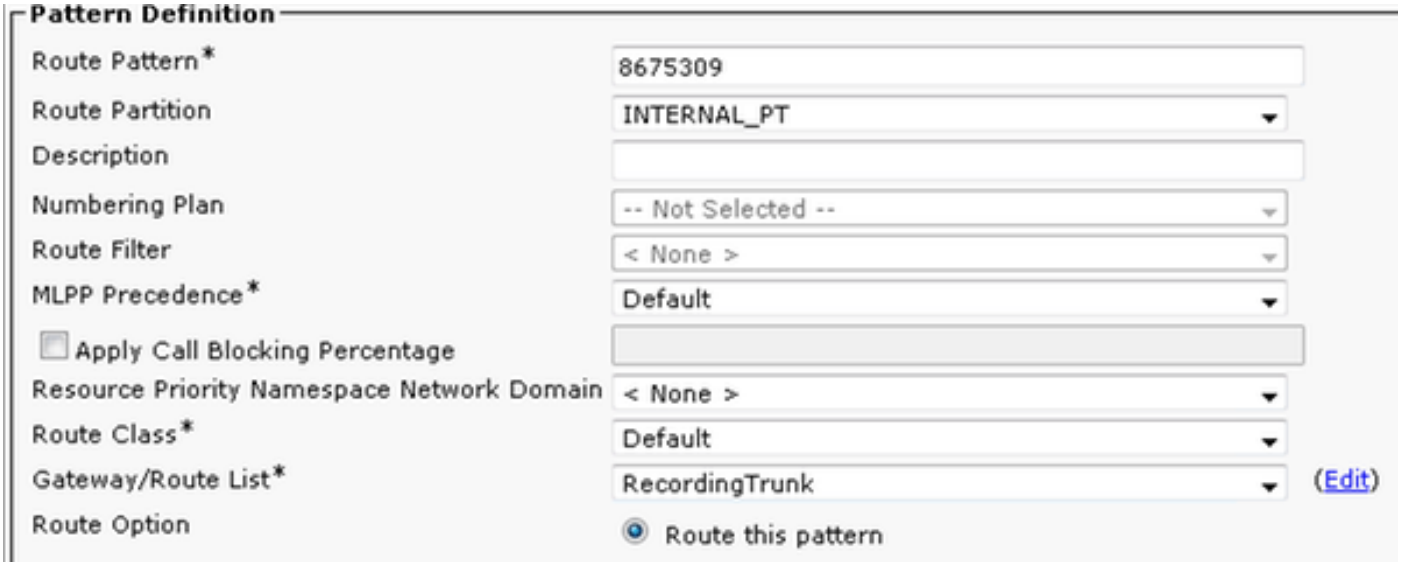
- Sous le périphérique > les paramètres de périphérique > le profil d'enregistrement
- L'adresse de destination de enregistrement est où les appels d'enregistrement seront envoyés



Créez le modèle d'artère pour conduire les appels d'enregistrement

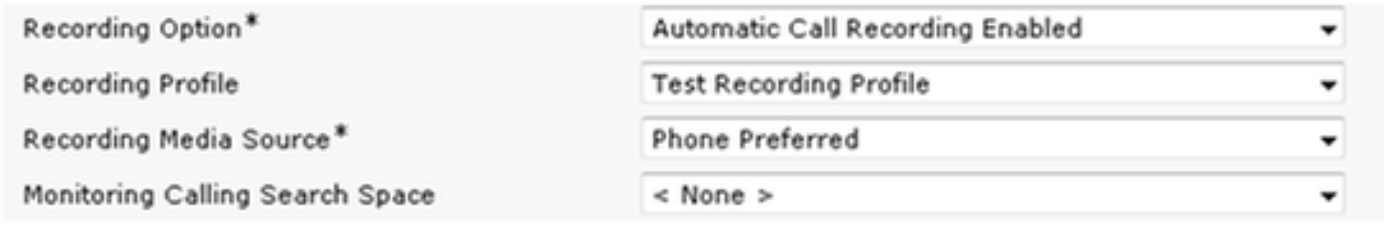
- Créez un modèle d'artère qui apparie l'adresse de destination d'enregistrement configurée dans l'étape précédente
- Vous pouvez indiquer une liste de routage au lieu de directement au joncteur réseau de SIP, si vous souhaitez configurer les joncteurs réseau redondants de SIP

Veuillez noter que la la partition assignée à ce modèle d'artère doit être associée avec l'**enregistrement appelle l'espace de recherche**.



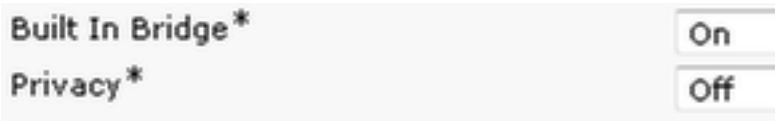
Assignez le profil d'enregistrement à la ligne téléphonique

- Àun téléphone déjà créé avec une extension existante, assignez le profil d'enregistrement créé
- Assignez le type d'enregistrement d'appels dans cet emplacement aussi bien
- Cet exemple affiche l'enregistrement automatique



Placez le BAVOIR à en fonction et l'intimité à hors fonction à la page de configuration de téléphone

Tandis que sur la page de configuration de périphérique naviguez vers le seciont intitulé l'**information sur le périphérique**. Placez construit dans la passerelle à en fonction et l'intimité à hors fonction.



Vérifiez

Les ci-dessous sont les comportements prévus dans les suivis de CallManager pour le SCCP et des téléphones SIP donnés la configuration ci-dessus. Ces exemples sont pour un téléphone appelle un autre téléphone sur la même batterie tandis qu'un des téléphones est installé pour l'enregistrement d'appels.

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:0x0e30202100000000000000000000000(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|DialingSdlProcessId=(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|DialingSdlProcessId=(0,0,0)|PretransformDigitString=8675309|PretransformTagsList=SUBSCRIBER|PretransformPositionalMatchList=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)

SIP

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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
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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 = 867530901314680.007 |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

Dépannez

Négociation de Codec

Le ci-dessous est un exemple d'un du type le plus commun de pannes d'enregistrement d'appels - non-concordance de codecs entre le téléphone enregistré et le serveur d'enregistrement :

~~~~~~~~~~~~~~~~~~~~~~~~~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
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|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:0x0e3020210000000000000000000000(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:0x0e30201c000000000000000000000000(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|DialingSdlProcessId=(0,0,0)|PretransformDigitString=8675309|PretransformTagsList=SUBSCRIBER|PretransformPositionalMatchList=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:0x0e30201c000000000000000000000000(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:0x0e3020210000000000000000000000(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:0x0e3020210000000000000000000000(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-

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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
```

Mauvaise configuration comprenant des questions CSS et pinte

Les commandes ci-dessous permettent la majorité des configurations d'enregistrement à passer en revue rapidement avec connaître seulement l'adresse MAC d'un téléphone qui n'enregistre pas des appels. Remplacez simplement la partie de la commande **« *MAC_of_Phone* »** par l'adresse MAC réelle du téléphone comme dans les exemples ci-dessous.

Ceci nous donne le DN (tous s'il y a plus d'un) pour le MAC que nous les recherchons en fonction, le MAC du téléphone juste pour la confirmation, la configuration de bavoir, la configuration d'intimité, le type d'enregistrement (mettez en référence les valeurs répertoriées dans les exemples de mon laboratoire) le profil d'enregistrement en service par le téléphone, le nom du CSS de enregistrement, la destination d'enregistrement pour ce profil d'enregistrement, et la partition que la destination de enregistrement est associée avec basé sur le MAC nous les recherchons en fonction :

exécutez SQL n1.dnorpattern choisi comme phone_dn, dev.name comme phone_mac, le CAS dev.tkstatus_builtinbridge QUAND '1' ALORS le « bavoir est sur » QUAND '0' ALORS le « bavoir est outre » d'EXTRÉMITÉ D'AUTRE « NA » comme is_bib_on, le CAS dev.resettoggle QUAND « t » ALORS « intimité est sur » QUAND « f » ALORS « intimité est outre » d'EXTRÉMITÉ D'AUTRE « NA » comme is_privacy_on, le CAS recordynam.tkrecordingflag QUAND EXTRÉMITÉ D'AUTRE « NA « sélective » » de '2' de '1' de '0' ALORS le « enregistrement a désactivé » QUAND PUIS « automatique » QUAND PUIS comme recording_type, le CAS devnumplanmap.tkpreferredmediasource QUAND '1' ALORS la « passerelle a préféré » QUAND le '2' ALORS « téléphonent » l'EXTRÉMITÉ D'AUTRE « NA préférée » comme Recording_Media_Source, rcrdpro.name comme recording_profile_name, css.name comme css_used_by_recording_profile, rcrdpro.recorderdestination comme recording_route_pattern,

rp.name aussi required_partition_for_css_used_by_recording_profile de recordingprofile en tant que callingsearchspace de joindre intérieur de rcrdpro comme CSS sur joindre intérieur rcrdpro.fkcallingsearchspace_callrecording = css.pkid numplan comme n sur routepartition de joindre intérieur n.dnorpattern = rcrdpro.recorderdestination comme RP sur devicenumplanmap de joindre intérieur rp.pkid = n.fkroutepartition comme devnumplanmap sur joindre intérieur rcrdpro.pkid = devnumplanmap.fkrecordingprofile recordingdynamic comme recordynam sur périphérique de joindre intérieur devnumplanmap.pkid = recordynam.fkdevicenumplanmap comme dev sur joindre intérieur devnumplanmap.fkdevice = dev.pkid numplan comme n1 sur devnumplanmap.fknumplan = n1.pkid où css.pkid = rcrdpro.fkcallingsearchspace_callrecording et dev.name= MAC_of_Phone

Ceci nous donne la liste de partitions qui sont associées avec le CSS de enregistrement sur le profil d'enregistrement qui est associé avec le MAC du téléphone que nous les recherchons contre.

exécutez SQL css.name choisi comme name_of_the_recording_css, rp.name comme partitions_in_recording_css, csm.sortorder de callingsearchspace en tant que callingsearchspacemember de joindre intérieur CSS comme csm sur routepartition de joindre intérieur csm.fkcallingsearchspace = css.pkid comme RP sur joindre intérieur csm.fkroutepartition = rp.pkid recordingprofile comme rcrdpro sur devicenumplanmap de joindre intérieur rcrdpro.fkcallingsearchspace_callrecording = css.pkid comme devnumplanmap sur périphérique de joindre intérieur rcrdpro.pkid = devnumplanmap.fkrecordingprofile comme dev sur devnumplanmap.fkdevice = dev.pkid où css.pkid = rcrdpro.fkcallingsearchspace_callrecording et dev.name= MAC_of_Phone

Voici les exemples de la sortie de mon laboratoire pour un téléphone avec l'adresse MAC **SEPC80084AA8743** :

Dans cette commande nous pouvons voir le téléphone a seulement un DN là-dessus ce qui est **2003,** nous voient également que le bavoir est allumé, l'intimité est éteinte, le type d'enregistrement est automatique, la source préférée est téléphone, le profil d'enregistrement est **profil d'enregistrement de test**, l'enregistrement appelle l'espace de recherche est **INTERNAL_CSS**, le modèle d'artère pour des appels enregistrés est **8675309** et ce modèle est associé avec la partition **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
```

Avec la sortie de cette commande nous vérifions toutes les partitions du CSS de enregistrement du profil d'enregistrement associé avec le téléphone d'intérêt. Nous pouvons voir qu'ici la partition INTERNAL_PT est l'une des partitions associées avec l'espace de recherche appelant INTERNAL_CSS. Ceci signifie qu'il ne devrait y avoir aucune question avec le bavoir du téléphone pouvant appeler le modèle d'artère d'enregistrement.

```
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
```