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简介

本文描述回拨UCCX (Cisco Unified Contact Center Express)功能如何运作。 本文着重一好工作的呼叫的分析与使用的UCCX和CUCM (Cisco Unified Communications Manager)跟踪并且察觉在呼叫流的关键瞬间在日志分析帮助下。

先决条件

要求

Cisco 建议您了解以下主题：

- CUCM配置
- UCCX配置
- 读基本CUCM SDI/SDL跟踪
- 读基本UCCX日志

使用的组件

本文档中的信息基于以下软件版本：

- CUCM版本：10.5.2.12900-14
- UCCX版本：10.6.1.11001-31

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您使用的是真实网络，请确保您已经了解所有命令的潜在影响。

注意：一份基本脚本是available在UCCX脚本信息库在

[http://www.cisco.com/c/en/us/support/customer-collaboration/unified-contact-center-](http://www.cisco.com/c/en/us/support/customer-collaboration/unified-contact-center-express/products-implementation-design-guides-list.html)

[express/products-implementation-design-guides-list.html](http://www.cisco.com/c/en/us/support/customer-collaboration/unified-contact-center-express/products-implementation-design-guides-list.html). You将查找压缩文件。在该压缩文件中有呼叫包含脚本您能使用作为一份基本脚本的BaseLineAdvQueueing的文件夹。也有描述的词文档脚本如何工作。

背景信息

当客户呼叫对UCCX队列和，如果所有可用座席那时忙碌，并且不能接纳呼叫时，然后在预先设置超时，提示符播放。如果他或她希望呼叫上一步，这是为了要求客户。客户能选择呼叫上一步或留下消息。

- 如果客户选择留下消息消息然后被记录，并且呼叫被断开。系统inturn轮呼叫另一CTI (思科计算机电话集成)触发或鬼魂触发并且保持呼叫那里，代理程序任意是然后播放recored消息给他。
- 如果客户选择呼叫上一步，则提示他或她输入呼叫过期杂志。在编号的确认，呼叫被断开后。系统inturn轮呼叫另一CTI触发或鬼魂触发并且保持那里呼叫，代理程序是自由的，采取从代理程序的inout连接代理程序呼叫上一步到客户的编号。

流程图

在此阶段，代理程序应答了呼叫，代理程序听呼叫方留下的消息，和他或她希望并且按键有系统呼叫上一步从呼叫方最初留下的编号一样多的呼叫方。UCCX系统当前将启动呼叫重定向。这用于转移呼叫在系统和代理程序之间对呼叫方在被输入的回拨号码。

UCCX前景

回叫功能被分解为有2不同的应用程序和2触发到达这些脚本的2份脚本。

脚本1。

客户呼叫到此脚本(主线编号)里，其中，如果代理程序忙碌提示输入回拨。

此脚本配置与对另一数字称为的一个发出呼叫步骤是有一份简单ICD脚本的另一触发的回拨号码。

脚本2。

回拨触发的一份简单ICD脚本有挑选资源到包含代理程序的池的CSQ将选择为回拨。客户电话丢弃，在他输入回拨号码后，并且鬼魂呼叫在等待重定向对此脚本并且被保留。

当代理程序是可用为了回拨能启动时此呼叫桥接到客户的回拨号码带有呼叫重定向脚本。

必须有用于这些脚本的2个不同的呼叫控制控制组在子系统> CM电话>呼叫控制组下。

必须有2条不同的介质信道定义在Subsystems > Cisco梅迪亚下。

例如：

脚本1：对此脚本的呼入呼叫通过呼叫控制Group ID 1和梅迪亚信道组1.将来。

在此脚本的发出呼叫步骤将使用呼叫控制Group ID 2和梅迪亚信道组2。

脚本2：此脚本必须例如有触发使用从脚本1.的一条不同的介质信道;梅迪亚信道ID 2和呼叫控制Group ID 2。

用于实验室的呼叫详细信息

最初的客户呼叫号码：2161

UCCX主线队列编号：9999

UCCX呼叫上一步触发：3999

被留下的回拨号码：08062131

代理商编号：62151 (SIP电话)

CUCM日志分析

阶段1.用户输入

流入请从客户IP电话邀请：

###\$ Invite for UCCX trigger \$###

```
02302874.002 |10:14:27.152 |AppInfo |SIPtcp - wait_SdlReadRsp: Incoming SIP TCP message from
10.106.87.161 on port 52035 index 19 with 1475 bytes:
[83471,NET]
INVITE sip:9@10.106.87.135;user=phone SIP/2.0
Via: SIP/2.0/TCP 10.106.87.161:52035;branch=z9hG4bK0593f26a
From: "2161" <sip:2161@10.106.87.135>;tag=e8ba7006276f00792818f1b2-6550ea32
To: <sip:9@10.106.87.135>
Call-ID: e8ba7006-276f0004-3895b0cc-3fda7fb1@10.106.87.161
Max-Forwards: 70
Date: Fri, 08 Apr 2016 04:44:25 GMT
CSeq: 101 INVITE
User-Agent: Cisco-CP8961/9.4.2
Contact: <sip:849fe75d-ae74-8e22-d48e-c11fecbcecf2@10.106.87.161:52035;transport=tcp>
Expires: 180
Accept: application/sdp
Allow: ACK,BYE,CANCEL,INVITE,NOTIFY,OPTIONS,REFER,REGISTER,UPDATE,SUBSCRIBE,INFO
Remote-Party-ID: "2161" <sip:2161@10.106.87.135>;party=calling;id-
type=subscriber;privacy=off;screen=yes
Supported: 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-8.0.1
Allow-Events: kpml,dialog
Recv-Info: conference
Recv-Info: x-cisco-conference
Content-Length: 354
Content-Type: application/sdp
Content-Disposition: session;handling=optional
```

```
v=0
o=Cisco-SIPUA 23877 0 IN IP4 10.106.87.161
s=SIP Call
t=0 0
m=audio 17818 RTP/AVP 102 0 8 116 18 101
c=IN IP4 10.106.87.161
a=rtpmap:102 L16/16000
a=rtpmap:0 PCMU/8000
a=rtpmap:8 PCMA/8000
a=rtpmap:116 iLBC/8000
a=fmtp:116 mode=20
a=rtpmap:18 G729/8000
a=fmtp:18 annexb=no
a=rtpmap:101 telephone-event/8000
a=fmtp:101 0-15
a=sendrecv
```

您看到数字分析为UCCX第9999发生：

###\$ Digit Analysis happens for UCCX number 9999 \$###

```
02302962.007 |10:14:27.832 |AppInfo |Digit analysis: match(pi="2", fqcn="2161",
cn="2161",plv="5", pss="", TodFilteredPss="", dd="9999",dac="0")
02302962.008 |10:14:27.832 |AppInfo |Digit analysis: analysis results
02302962.009 |10:14:27.832 |AppInfo ||PretransformCallingPartyNumber=2161
|CallingPartyNumber=2161
|DialingPartition=
|DialingPattern=9999
|FullyQualifiedCalledPartyNumber=9999
|DialingPatternRegularExpression=(9999)
|DialingWhere=
|PatternType=Enterprise
```

以回应发现应该路由的地方9999个编号，您获得Linecontroller，并且这是处理呼叫的下进程：

```
02302964.000 |10:14:27.832 |SdlSig |DmPidRes
|wait |Da(1,100,211,1)
|DeviceManager(1,100,205,1) |1,100,14,94509.144^10.106.87.161^* |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] Ccpn=4eebaf05-990d-7980-a79f-e4488fb75cec Id=3836477808 ccmType=4
DeviceName=9999: Pid=1,100,174,555,ad243d17-98b4-4118-8feb-5ff2e1b781ac
```

```
###$ PID=LineControl(1,100,174,555) is the response
```

```
02302964.001 |10:14:27.832 |AppInfo |Digit analysis: wait_DmPidRes- Partition=[] Pattern=[9999]
Where=[],cmDeviceType=[UserDevice], OutsideDialtone =[0], DeviceOverride=[0],
PID=LineControl(1,100,174,555),CI=[31614358],Sender=Cdcc(1,100,219,249)
```

这导致我们Linecontroller：

```
02302975.001 |10:14:27.833 |AppInfo |LineControl(555) - 0 calls, 0 CiReq, busyTrigger=10000,
maxCall=10000
02302975.002 |10:14:27.833 |Created |
| |LineCdpc(1,100,175,269)
|LineControl(1,100,174,555) |
|NumOfCurrentInstances: 2
02302975.003 |10:14:27.833 |AppInfo |LineControl(555) - Get call instance=1 for CI=31614359
02302975.004 |10:14:27.833 |AppInfo |LineControl(555): restart0_CcSetupReq update State of cdpc
(269) to receive7
```

Linecontroller当前导致我们设备(CTI端口)：

```
02302979.000 |10:14:27.834 |SdlSig |CcSetupReq
|null0 |LineCdpc(1,100,175,269)
|LineControl(1,100,174,555) |1,100,14,94509.144^10.106.87.161^* |[R:N-
H:0,N:1,L:0,V:0,Z:0,D:0] CI=31614359 CI.branch=0 sBPL.plid=65 sBPL.l=1 sBPL.pl=5 sBPL.msdc=0
FDataType=0opId=0ssType=0 SsKey=0invokeId=0resultExp=FbpdA=F pi.piid=30 pi.l=0 pi2.piid=30
pi2.l=0 pi3.piid=30 pi3.l=0 FQCGPN=ti=1nd=2161pi=0sil preXCgpn=tn=0npi=0ti=1nd=2161pi=0sil
cgPart= cgPat=2161 cgpn=tn=0npi=0ti=1nd=2161pi=1sil cgpnVM= unXCgpn=tn=0npi=0ti=1nd=2161pi=1sil
cName=locale: 1 Name: UnicodeName: pi: 1
DD=tn=0npi=1ti=1nd=9999User=9999Host=10.106.87.135Port=5060PassWord=Madder=Transport=4mDisplayNa
me=RawUrl=sip:9@10.106.87.135;user=phoneOrigPort=0pi=0sil
origDD=tn=0npi=1ti=1nd=9999User=9999Host=10.106.87.135Port=5060PassWord=Madder=Transport=4mDispl
ayName=RawUrl=sip:9@10.106.87.135;user=phoneOrigPort=0pi=0sil
preXCdpn=tn=0npi=0ti=1nd=9999pi=0si0 preXTagsList=SUBSCRIBER preXPosMatchList=9999 cdPart=
cdPat=9999 cdpn=tn=0npi=0ti=1nd=9999pi=1sil cdpnVMbox= localPatternUsage=2
connectedPatternUsage=2 itrPart= itrPat= LRPart= LRPat=9999 LR=tn=0npi=0ti=1nd=9999pi=0sil LRVM=
LRName=locale: 1 Name: UnicodeName: pi: 0 FQOCpdn=ti=1nd=9999pi=0sil
fFQLRNum=ti=1nd=9999pi=0sil oPart= oPat=9999 oCpdn=tn=0npi=0ti=1nd=9999pi=0sil oCdpnVM= oFRF=0
oName=locale: 1 Name: UnicodeName: pi: 0 ts=SUBSCRIBER posMatches=9999 withTags= withValues=
rdn.l=0IpAddrMode=0 ipAddrType=0 ipv4=10.106.87.161:52035 region=Default capCount=5 ctiActive=F
ctiFarEndDev=1 ctiCCMId=1 cgPtyDev=SEPE8BA7006276F callInst=1 confCallInst=0 OLF=1Supp
DTMF=3DTMF Cfg=1DTMF Payload=10lisOffNetDev=F bc.l=3 bc.itr=1 bc.itc=0 bc.trm=0 bc.tm=16
maxForwards=69 cgpnMaskedByRedirect=F callingDP=1b1b9eb6-7803-11d3-bdf0-00108302ead1
featCallType=0 callingUserId= UnicodeName: muteEnabled=0 associatedCallCI=0 featurePriority=1
nonTargetPolicy=0 unconsumedDigits= suppressMOH=F numPlanPkid =4eebaf05-990d-7980-a79f-
e4488fb75cec networkDomain= bitMask=0 SetupReason=0 routeClass=1 sideACmDeviceType=4 protected=1
ControlProcessType=0 tokens=0 isPresent=F transitCount=0 geolocInfo={geolocPkid=, filterPkid=,
geolocVal=, devType=4} locPkid=29c5c1c4-8871-4d1e-8394-0b9181e8c54d locName=Hub_None deductBW=F
fateShareId=StandAloneCluster:31614358 videoTrafficClass=Desktop oFromAnalogDvc=F
bridgeParticipantID= callingUsr= remoteClusterID= isEMCCDevice=F lHPMemCEPN= cHPMemCEPN=
uri=ti=1User=Host=Port=0PassWord=Madder=Transport=4mDisplayName=RawUrl=<sip:849fe75d-ae74-8e22-
d48e-c11fecbcecf2@10.106.87.161:52035;transport=tcp>OrigPort=0pi=0sil isParamSet=T M=Unknown
;rc=0 Hdrs= CanSupportSIPTandN=true TransId=0 AllowBitMask=0x7bf UserAgentOrServer=Cisco-
CP8961/9.4.2 OrigDDName=locale: 1 Name: UnicodeName: pi: 0 mCallerId=
mCallerName=LatentCaps=null icidVal= icidGenAddr= oioi= toi= ptParams= receivedPAID= routeHdr=
routeCepn= requestURI= PCVFlag=F originallyHadISUP=F isIMSFinalRoute=F IMSMode=0
SideABibEnabled= 3 isCgpnNonPreemptable=F isCdpnNonPreemptable=F origDP=1b1b9eb6-7803-11d3-bdf0-
```

00108302ead1 lastRedirectingDP=1b1b9eb6-7803-11d3-bdf0-00108302ead1 originalLRG=
lastRedirectingLRG= nwLoc=0 rstr= FarEndDeviceName=SEPE8BA7006276F hdrMOH=0 CAL={v=ffffff, m=ffffff, tDev=F, res=F, devType=0}
02302979.001 |10:14:27.834 |AppInfo |LineCdpc(269): -dispatchToAllDevices-, sigName=CcSetupReq, device=TRG2

呼叫当前被提交到CTI端口，并且波尔特应答呼叫：

02303167.000 |10:14:27.874 |SdlSig-I |CtiLineCallAnswerReq
|restart0 |StationD(1,100,63,520)
|CTIDeviceLineMgr(1,200,25,1) |1,200,13,273912.572^10.106.87.133^TEST_543210 |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] mAsyncResponse=6043 CH=1|31614360 LH=1|1063 MediaDeviceName =
MediaDevicePid = (0,0,0,0) resource ID=0
02303167.001 |10:14:27.874 |AppInfo |StationD(520): StationCtiD-CtiLineCallAnswerReq LH=1|1063
02303167.002 |10:14:27.874 |AppInfo |StationD(520): StationCtiD-CtiLineCallAnswerReq LH=1|1063
02303168.000 |10:14:27.874 |SdlSig |StationOffHook
|restart0 |StationD(1,100,63,520)
|StationD(1,100,63,520) |1,200,13,273912.572^10.106.87.133^TEST_543210 |[R:N-
H:0,N:1,L:0,V:0,Z:0,D:0] Line=1 CI=31614360 GCI.node=0 GCI.ci=0 mDialedDigits= mPrimaryCi=0
cgpn= cgpnVMBx= trigger=0 mSpooofCgp=F fp=1 fid=9999 FDataType=0opId=0ssType=0
SsKey=0invokeId=0resultExp=Fbpda=F

###\$ CTI Port Answered the call or Call is now in Queue \$###

02303168.001 |10:14:27.874 |AppInfo |StationD: (0000520) restart0_StationOffHook - INFO:
CI=31614360 on line=1, SPKMode=0, alwaysPrimeLine=0, alwaysUsePrimeLineForVM=0, fid=9999,
offHookTrigger=0.
02303168.002 |10:14:27.874 |AppInfo |StationD: (0000520) restart0_StationOffHook - INFO:
CI=31614360 on line=1, SPKMode=0. Answer.
02303168.003 |10:14:27.874 |AppInfo |StationD: (0000520) preProcessing - INFO: Please Send
the signal now.
02303168.004 |10:14:27.874 |AppInfo |StationD: (0000520) INFO- sendSignalNow,
sigName=StationOffHook, cdpc=240

这时呼叫方是在队列，并且announcemet播放。在预先设置时光之后，客户选择呼叫上一步功能并且开始输入呼叫过期杂志作为DTMF位0,8,0,6,2,1,3,1,#。

###\$ Digit 0 \$###

02303407.000 |10:14:46.625 |SdlSig-O |CtiDTMFNotify |NA
RemoteSignal |UnknownProcessName(1,200,25,1) |StationCdpc(1,100,64,240)
|1,100,14,94509.150^10.106.87.161^* |[R:N-H:0,N:1,L:0,V:0,Z:0,D:0] LH=1|1063
CH=1|31614360 GCH=1|29124
02303408.000 |10:14:46.625 |SdlSig |StationOutputKeypadButton
|restart0 |StationD(1,100,63,520)
|StationCdpc(1,100,64,240) |1,100,14,94509.150^10.106.87.161^* |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] Digit=0 CI=31614360Line=1 ###\$ Digit 8 \$###

02303430.000 |10:14:47.243 |SdlSig-O |CtiDTMFNotify |NA
RemoteSignal |UnknownProcessName(1,200,25,1) |StationCdpc(1,100,64,240)
|1,100,14,94509.151^10.106.87.161^* |[R:N-H:0,N:1,L:0,V:0,Z:0,D:0] LH=1|1063
CH=1|31614360 GCH=1|29124
02303431.000 |10:14:47.243 |SdlSig |StationOutputKeypadButton
|restart0 |StationD(1,100,63,520)
|StationCdpc(1,100,64,240) |1,100,14,94509.151^10.106.87.161^* |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] Digit=8 CI=31614360Line=1 ###\$ Digit 0 \$###

02303446.000 |10:14:47.791 |SdlSig-O |CtiDTMFNotify |NA
RemoteSignal |UnknownProcessName(1,200,25,1) |StationCdpc(1,100,64,240)
|1,100,14,94509.152^10.106.87.161^* |[R:N-H:0,N:1,L:0,V:0,Z:0,D:0] LH=1|1063
CH=1|31614360 GCH=1|29124
02303447.000 |10:14:47.791 |SdlSig |StationOutputKeypadButton
|restart0 |StationD(1,100,63,520)
|StationCdpc(1,100,64,240) |1,100,14,94509.152^10.106.87.161^* |[R:N-

H:0,N:0,L:0,V:0,Z:0,D:0] Digit=0 CI=31614360Line= ###\$ Digit 6 \$###

02303465.000 |10:14:48.962 |SdlSig-O |CtiDTMFNotify |NA
RemoteSignal |UnknownProcessName(1,200,25,1) |StationCdpc(1,100,64,240)
|1,100,14,94509.153^10.106.87.161^* |[R:N-H:0,N:1,L:0,V:0,Z:0,D:0] LH=1|1063
CH=1|31614360 GCH=1|29124

02303466.000 |10:14:48.962 |SdlSig |StationOutputKeypadButton
|restart0 |StationD(1,100,63,520)
|StationCdpc(1,100,64,240) |1,100,14,94509.153^10.106.87.161^* |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] Digit=6 CI=31614360Line=1 ###\$ Digit 2 \$###

02303481.000 |10:14:49.520 |SdlSig-O |CtiDTMFNotify |NA
RemoteSignal |UnknownProcessName(1,200,25,1) |StationCdpc(1,100,64,240)
|1,100,14,94509.154^10.106.87.161^* |[R:N-H:0,N:1,L:0,V:0,Z:0,D:0] LH=1|1063
CH=1|31614360 GCH=1|29124

02303482.000 |10:14:49.520 |SdlSig |StationOutputKeypadButton
|restart0 |StationD(1,100,63,520)
|StationCdpc(1,100,64,240) |1,100,14,94509.154^10.106.87.161^* |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] Digit=2 CI=31614360Line=1 ###\$ Digit 1 \$###

02303499.000 |10:14:50.014 |SdlSig-O |CtiDTMFNotify |NA
RemoteSignal |UnknownProcessName(1,200,25,1) |StationCdpc(1,100,64,240)
|1,100,14,94509.155^10.106.87.161^* |[R:N-H:0,N:1,L:0,V:0,Z:0,D:0] LH=1|1063
CH=1|31614360 GCH=1|29124

02303500.000 |10:14:50.014 |SdlSig |StationOutputKeypadButton
|restart0 |StationD(1,100,63,520)
|StationCdpc(1,100,64,240) |1,100,14,94509.155^10.106.87.161^* |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] Digit=1 CI=31614360Line=1 ###\$ Digit 3 \$###

02303516.000 |10:14:50.431 |SdlSig-O |CtiDTMFNotify |NA
RemoteSignal |UnknownProcessName(1,200,25,1) |StationCdpc(1,100,64,240)
|1,100,14,94509.156^10.106.87.161^* |[R:N-H:0,N:1,L:0,V:0,Z:0,D:0] LH=1|1063
CH=1|31614360 GCH=1|29124

02303517.000 |10:14:50.431 |SdlSig |StationOutputKeypadButton
|restart0 |StationD(1,100,63,520)
|StationCdpc(1,100,64,240) |1,100,14,94509.156^10.106.87.161^* |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] Digit=3 CI=31614360Line=1 ###\$ Digit 1 \$###

02303532.000 |10:14:50.858 |SdlSig-O |CtiDTMFNotify |NA
RemoteSignal |UnknownProcessName(1,200,25,1) |StationCdpc(1,100,64,240)
|1,100,14,94509.157^10.106.87.161^* |[R:N-H:0,N:1,L:0,V:0,Z:0,D:0] LH=1|1063
CH=1|31614360 GCH=1|29124

02303533.000 |10:14:50.858 |SdlSig |StationOutputKeypadButton
|restart0 |StationD(1,100,63,520)
|StationCdpc(1,100,64,240) |1,100,14,94509.157^10.106.87.161^* |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] Digit=1 CI=31614360Line=1 ###\$ Digit # pressed to confirm the call back
\$###

02303549.000 |10:14:51.558 |SdlSig-O |CtiDTMFNotify |NA
RemoteSignal |UnknownProcessName(1,200,25,1) |StationCdpc(1,100,64,240)
|1,100,14,94509.158^10.106.87.161^* |[R:N-H:0,N:1,L:0,V:0,Z:0,D:0] LH=1|1063
CH=1|31614360 GCH=1|29124

02303550.000 |10:14:51.558 |SdlSig |StationOutputKeypadButton
|restart0 |StationD(1,100,63,520)
|StationCdpc(1,100,64,240) |1,100,14,94509.158^10.106.87.161^* |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] Digit=# CI=31614360Line=1 ###\$ CTI/UCCX disconnect the call \$###

02303553.000 |10:14:51.561 |SdlSig-I |CtiLineCallDisconnectReq
|restart0 |StationD(1,100,63,520)
|CTIDeviceLineMgr(1,200,25,1) |1,200,13,273912.574^10.106.87.133^TEST_543210 |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] mAsyncResponse=6045 CH=1|31614360 LH=1|1063
02303553.001 |10:14:51.561 |AppInfo |StationD(520): StationCtiD-CtiLineCallDisconnectReq

LH=1|1063

02303553.002 |10:14:51.561 |AppInfo |StationD(520): StationCtiD-CtiLineCallDisconnectReq

LH=1|1063

使用此消息，与PSTN (圆磁波电话网络)的呼叫被断开并且演出1或用户输入阶段完成。

阶段2.发出呼叫

您看到系统发起呼叫到回拨CTI触发3999。

```
#### CTI redirect to Call back trigger (Stage 2 )
```

```
02303675.000 |10:14:51.772 |SdlSig-I |CtiLineCallInitiateReq
|restart0 |StationD(1,100,63,520)
|CTIDeviceLineMgr(1,200,25,1) |1,200,13,273912.576^10.106.87.133^TEST_543210 |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] AsyncResponse=6046 LH=1|1063 GCH=1|29125 CalledPartyInfo=3999
MediaDeviceName = MediaDevicePid = (0,0,0,0) resource ID=0 FetaurePriority=1 #### Digit
Analysis for CTI call back number #####
```

```
02303722.006 |10:14:51.778 |AppInfo |Digit analysis: match(pi="2", fqcn="543210",
cn="543210",plv="5", pss="", TodFilteredPss="", dd="3999",dac="0")
02303722.007 |10:14:51.778 |AppInfo |Digit analysis: analysis results
02303722.008 |10:14:51.778 |AppInfo ||PretransformCallingPartyNumber=543210
|CallingPartyNumber=543210
|DialingPartition=
|DialingPattern=3999
|FullyQualifiedCalledPartyNumber=3999
|DialingPatternRegularExpression=(3999) #### Call is offered to CTI Ports (This is the Queue for
Busy application)
```

```
02303783.006 |10:14:51.803 |AppInfo |Digit analysis: match(pi="1", fqcn="543210",
cn="543210",plv="5", pss="", TodFilteredPss="", dd="4003",dac="0")
02303783.007 |10:14:51.803 |AppInfo |Digit analysis: analysis results
02303783.008 |10:14:51.803 |AppInfo ||PretransformCallingPartyNumber=543210
|CallingPartyNumber=543210
|DialingPartition=
|DialingPattern=4003
|FullyQualifiedCalledPartyNumber=4003 #### CTI port accepts the call or Answers the call
```

```
02303916.000 |10:14:51.855 |SdlSig |StationOffHook
|call_received7 |StationCdpc(1,100,64,243)
|StationD(1,100,63,509) |1,200,13,273912.579^10.106.87.133^ICD_4003 |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] Line=1 CI=31614363 GCI.node=0 GCI.ci=0 mDialedDigits= mPrimaryCi=0
cgpn= cgpnVMBx= trigger=0 mSpooofCgp=F fp=1 fid=0 FDataType=0opId=0ssType=0
SsKey=0invokeId=0resultExp=FbpdA=F
02303916.001 |10:14:51.855 |AppInfo |StationCdpc(243): StationCtiCdpc-StationOffHook
CH=1|31614363
02303916.002 |10:14:51.855 |AppInfo |StationCdpc(243): StationCtiCdpc-StationOffHook
CH=1|31614363
```

一旦代理程序是自由接受呼叫，CTI当前执行一次转移到代理程序：

```
#### CTI Initating Transfer to Agent is now avaliabe to take the call
```

```
02304085.000 |10:14:53.429 |SdlSig-I |CtiLineCallTransferSetupReq
|restart0 |StationD(1,100,63,509)
|CTIDeviceLineMgr(1,200,25,1) |1,200,13,273912.583^10.106.87.133^ICD_4003 |[R:N-
H:0,N:0,L:0,V:0,Z:0,D:0] AsyncResponse=6054 LH=1|1041 CH=1|31614363 DN=62151
ConsultWithoutMedia=T
02304085.001 |10:14:53.429 |AppInfo |StationD(509): StationCtiD-CtiLineCallTransferSetupReq
CH=1|31614363 cdpn=62151
02304085.002 |10:14:53.429 |AppInfo |StationD(509): StationCtiD-CtiLineCallTransferSetupReq
```

CH=1|31614363 cdpn=62151 #### DD for Agent

02304237.006 |10:14:53.440 |AppInfo |Digit analysis: match(pi="2", fqcn="4003",
cn="4003",plv="5", pss="", TodFilteredPss="", dd="62151",dac="0")
02304237.007 |10:14:53.440 |AppInfo |Digit analysis: analysis results
02304237.008 |10:14:53.440 |AppInfo ||PretransformCallingPartyNumber=4003
|CallingPartyNumber=4003
|DialingPartition=
|DialingPattern=62151
|FullyQualifiedCalledPartyNumber=62151
|DialingPatternRegularExpression=(62151) #### Invite for the Agent

INVITE sip:b16b6893-445d-6407-2a23-83e6ff6fb4f7@10.106.87.164:52242;transport=tcp SIP/2.0
Via: SIP/2.0/TCP 10.106.87.135:5060;branch=z9hG4bK3fc859136cc1
From: "Busy Application" <sip:4003@10.106.87.135>;tag=32711~54aff7a7-042a-4733-9a99-
8a2f7027a30d-31614366
To: <sip:62151@10.106.87.135>
Date: Fri, 08 Apr 2016 04:44:53 GMT
Call-ID: a13f5600-70713745-3da4-87576a0a@10.106.87.135
Supported: timer,resource-priority,replaces
Min-SE: 1800
User-Agent: Cisco-CUCM10.5
Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFY
CSeq: 101 INVITE
Expires: 180
Allow-Events: presence
Call-Info: <urn:x-cisco-remotecallinfo>; security= Unknown; orientation= from; gci= 1-29126;
isVoip; call-instance= 1
Send-Info: conference, x-cisco-conference
Alert-Info: <file://Bellcore-dr1/>
Remote-Party-ID: "Busy Application" <sip:4003@10.106.87.135;x-cisco-callback-
number=4003>;party=calling;screen=yes;privacy=off
Contact: <sip:4003@10.106.87.135:5060;transport=tcp>
Max-Forwards: 70
Content-Length: 0

在此以后代理程序由忙碌连接对忙碌脚本，并且阶段3呼叫重定向开始。

阶段3.呼叫重定向

代理程序听存在的选项。选项1接受呼叫和呼叫返回客户。

代理程序按软键填充位的位1：

Digit 1 pressed by the agent

NOTIFY sip:10.106.87.135:5060 SIP/2.0
Via: SIP/2.0/TCP 10.106.87.164:52242;branch=z9hG4bK187640df
To: "Busy Application" <sip:4003@10.106.87.135>;tag=32711~54aff7a7-042a-4733-9a99-8a2f7027a30d-
31614366
From: <sip:62151@10.106.87.135>;tag=e8ba70fb6e0a20544386b963-4947235a
Call-ID: a13f5600-70713745-3da4-87576a0a@10.106.87.135
Date: Fri, 08 Apr 2016 04:45:01 GMT
CSeq: 102 NOTIFY
Event: kpml
Subscription-State: active; expires=7200
Max-Forwards: 70
Contact: <sip:b16b6893-445d-6407-2a23-83e6ff6fb4f7@10.106.87.164:52242;transport=tcp>
Allow: ACK,BYE,CANCEL,INVITE,NOTIFY,OPTIONS,REFER,REGISTER,UPDATE,SUBSCRIBE
Content-Length: 201
Content-Type: application/kpml-response+xml
Content-Disposition: session;handling=required

<?xml version="1.0" encoding="UTF-8"?>

<kpml-response xmlns="urn:ietf:params:xml:ns:kpml-response" version="1.0" code="200" text="OK" suppressed="false" forced_flush="false" digits="1" tag="dtmf"/>

这时系统当前将启动a ? 呼叫重定向?。它用于转移呼叫在系统和代理程序之间对呼叫方在被输入的回拨号码。

###\$ CfRedirectingDestinationRegister

```
02305081.000 |10:15:07.835 |Sdlsig |CfRedirectingDestinationRegister
|tcc_idle0 |Cdcc(1,100,219,256)
|Cdcc(1,100,219,251) |1,100,14,94475.134^10.106.87.164^* |[R:N-
H:0,N:5,L:0,V:0,Z:0,D:0] orphanedCI= 31614361 collectCodeIfNeeded= 0
02305082.000 |10:15:07.835 |Sdlsig |CcOrphanPauseReq
|call_active10 |LineCdpc(1,100,175,271)
|LineControl(1,100,174,554) |1,100,14,94475.134^10.106.87.164^* |[R:N-
H:0,N:5,L:0,V:0,Z:0,D:0] CI= 31614361
02305082.001 |10:15:07.835 |AppInfo |LineCdpc(271): -dispatchToOnlySCCPSIPDevices-,
sigName=CcOrphanPauseReq, device=TEST_543210
02305083.000 |10:15:07.835 |Sdlsig |CcNotifyReq
|newpaused |LineCdpc(1,100,175,271)
|LineControl(1,100,174,554) |1,100,14,94475.134^10.106.87.164^* |[R:N-
H:0,N:5,L:0,V:0,Z:0,D:0] CI=31614361 CI.branch=0 lPart= lPatt= lModNum=pi=0sil lName=locale: 1
Name: UnicodeName: pi: 0 cName=locale: 1 Name: UnicodeName: pi: 0 cn:pi=0sil cVMbox=
localPatternUsage=2 connectedPatternUsage=2 lCnPart= lCnPatt= rn:pi=0sil llRPatt=
lOCdpnPart= lOCdpnPatt= oCdpn:pi=0sil oRFR =0 lBridgePartID= lCnBridgePartID= lHPMemCEPN=
cHPMemCEPN= onBehalf=CCtiLine whichSide=0 holdFlag=0 notifyMsg=locale: 1 Name: UnicodeName:
promptMsg=locale: 1 Name: UnicodeName: apply Instr=0 s.sv=0 promptMsg.userLocale=1
cgDevName=TEST_543210 ctiActive=F ctiFarEndDev=0 ctiCCMid=0 CTI event not set.
secureStatus=(T,0) callState=5 media=1 bitMask=4000000 Supp DTMF=3DTMF Cfg=1DTMF Payload=101
notifiedDName= connType=0 connStatus=0newPL=5newPLDmn=0 networkDomain= suppressMOH=F
triggerByJoin=F NotifInd= ni.niid=39 ni.l=0 ni.nnd=0deviceCepn= partitionSearchSpace=
geolocInfo={geolocPkid=, filterPkid=, geolocVal=, devType=4} locPkid= locName= deductBW=F
fateShareId= videoTrafficClass=Desktop dtmMcNodeId=0 dtmCurrentCi=0 isOffNetDevice=F ignCntH=F
cmDeviceType=4 ssCause=0TransparentData=null CanSupportSIPtandN=false TransId=0 AllowBitMask=0x0
UserAgentOrServer= OrigDDName=locale: 1 Name: UnicodeName: pi: 0 mCallerId= mCallerName=
FDataType=0opId=0ssType=0 SsKey=0invokeId=0resultExp=FbpdA=F isParamSet=F mobilityEventType=0x0
BibEnabled = 3 MMCAp=0x1 CAL={v=-1, m=-1, tDev=F, res=F, devType=0} CAL={v=-10, m=-1, tDev=F,
res=F, devType=0} CallInstanceNumber=0 farEndDevName=SEPE8BA70FB6E0A hdrMOH=0
02305083.001 |10:15:07.835 |AppInfo |LineCdpc(271): -dispatchToAllDevices-,
sigName=CcNotifyReq, device=TEST_543210
02305084.000 |10:15:07.835 |Sdlsig |CcNotifyReq
|call_active10 |LineCdpc(1,100,175,275)
|LineControl(1,100,174,577) |1,100,14,94475.134^10.106.87.164^* |[R:N-
H:0,N:5,L:0,V:0,Z:0,D:0] CI=31614366 CI.branch=0 lPart= lPatt= lModNum=pi=0sil lName=locale: 1
Name: UnicodeName: pi: 0 cName=locale: 1 Name: UnicodeName: pi: 0 cn:pi=0sil cVMbox=
localPatternUsage=2 connectedPatternUsage=2 lCnPart= lCnPatt= rn:pi=0sil llRPatt=
lOCdpnPart= lOCdpnPatt= oCdpn:pi=0sil oRFR =0 lBridgePartID= lCnBridgePartID= lHPMemCEPN=
cHPMemCEPN= onBehalf=CCtiLine whichSide=0 holdFlag=0 notifyMsg=locale: 1 Name: UnicodeName:
promptMsg=locale: 1 Name: UnicodeName: apply Instr=0 s.sv=0 promptMsg.userLocale=1
cgDevName=TEST_543210 ctiActive=F ctiFarEndDev=0 ctiCCMid=0 CTI event not set.
secureStatus=(T,0) callState=5 media=1 bitMask=4000000 Supp DTMF=1DTMF Cfg=1DTMF Payload=0
notifiedDName= connType=0 connStatus=0newPL=5newPLDmn=0 networkDomain= suppressMOH=F
triggerByJoin=F NotifInd= ni.niid=39 ni.l=0 ni.nnd=0deviceCepn= partitionSearchSpace=
geolocInfo={geolocPkid=, filterPkid=, geolocVal=, devType=4} locPkid=29c5c1c4-8871-4d1e-8394-
0b9181e8c54d locName=Hub_None deductBW=F fateShareId=StandAloneCluster:31614361
videoTrafficClass=Unspecified dtmMcNodeId=0 dtmCurrentCi=0 isOffNetDevice=F ignCntH=F
cmDeviceType=4 ssCause=0TransparentData=null CanSupportSIPtandN=false TransId=0 AllowBitMask=0x0
UserAgentOrServer= OrigDDName=locale: 1 Name: UnicodeName: pi: 0 mCallerId= mCallerName=
FDataType=0opId=0ssType=0 SsKey=0invokeId=0resultExp=FbpdA=F isParamSet=F mobilityEventType=0x0
BibEnabled = 0 MMCAp=0x1 CAL={v=-1, m=-1, tDev=F, res=F, devType=0} CAL={v=-10, m=-1, tDev=F,
res=F, devType=0} CallInstanceNumber=0 farEndDevName=TEST_543210 hdrMOH=0
02305084.001 |10:15:07.835 |AppInfo |LineCdpc(275): -dispatchToAllDevices-,
```

```
sigName=CcNotifyReq, device=SEPE8BA70FB6E0A
02305085.000 |10:15:07.836 |SdlSig |RSVPsSplitSessionReq
|wait |RSVPsSession(1,100,107,251)
|ReservationMgr(1,100,110,1) |1,100,14,94475.134^10.106.87.164^* |[R:N-
H:0,N:5,L:0,V:0,Z:0,D:0] CI= 31614361 aCI=31614361 bCI=31614366 isASerCI=F isBSerCI=F aNodeId=0
bNodeId=0 callState=5 aCacSpecificInfo= CAC_PT_CONNECTED bCacSpecificInfo= CAC_PT_CONNECTED
02305086.000 |10:15:07.836 |SdlSig |LBMSplitSessionReq
|active |LBMInterface(1,100,176,1)
|ReservationMgr(1,100,110,1) |1,100,14,94475.134^10.106.87.164^* |[T:N-
H:0,N:0,L:0,V:0,Z:0,D:0] CI= 31614361 aCI=31614361 bCI=31614366 isASerCI=F isBSerCI=F aNodeId=0
bNodeId=0 callState=5 aCacSpecificInfo= CAC_PT_CONNECTED bCacSpecificInfo= CAC_PT_CONNECTED ###$
DD Happens for Callback number
```

```
02305087.006 |10:15:07.836 |AppInfo |Digit analysis: match(pi="1", fqcn="62151",
cn="62151",plv="5", pss="", TodFilteredPss="", dd="08062131",dac="0")
02305087.007 |10:15:07.837 |AppInfo |Digit analysis: analysis results
02305087.008 |10:15:07.837 |AppInfo ||PretransformCallingPartyNumber=62151
|CallingPartyNumber=62151
|DialingPartition=
|DialingPattern=08062131
|FullyQualifiedCalledPartyNumber=08062131
|DialingPatternRegularExpression=(08062131)
```

在让的此阶段PSTN用户或客户以后呼叫过期杂志用代理程序连接

UCCX日志分析

被分析的日志- CCX引擎日志(MIVR)从RTMT。

呼叫在从客户2161的触发9999接收。

Call received on UCCX trigger 9999 - Mainline number

```
51269: Apr 08 10:14:27.842 IST %MIVR-SS_TEL-7-UNK:Call.received()
JTAPICallContact[id=11,type=Cisco JTAPI
Call,implId=29124/1,active=true,state=CALL_RECEIVED,inbound=true,handled=false,locale=en_US,abor
ting=false,app=App[name=AA,type=Cisco Script Application,id=4,desc=AA,
enabled=true,max=4,valid=true,cfg=[ApplicationConfig[schema=ApplicationConfig,time=2016-04-07
07:10:40.0,recordId=53,desc=AA,name=AA,type=Cisco Script
Application,id=4,enabled=true,sessions=4,script=SCRIPT[callback.aef],defaultScript=,vars=[<java.
lang.String CSQ>,<java.lang.Integer DelayWhileQueued>,<java.lang.String
Triggy>],defaultVars=null]]],
task=null,session=null,seqNum=-
1,time=1460090667841,cn=9999,dn=9999,cgn=2161,ani=null,dnis=null,clid=null,atype=DIRECT,lrd=null
,ocn=9999,odn=null,uui=null,aniii=null,
ced=null,OrigProtocolCallRef=0000000000071C401E2659700000000,DestProtocolCallRef=null,route=RP[
num=9999],port=null,aborting=false,transferring=false,disconnecting=false]
```

回拨脚本是有一接受的简单脚本，Select Resource步骤到其中一个回拨代理程序队列(从哪些代理程序为回拨呼叫选择)。

呼叫点击回拨主线编号。

脚本1执行开始。

实施ID= 29125，任务ID= 34000000019

51338: Apr 08 10:14:27.869 IST %MIVR-ENG-7-UNK:Execute step of Task 3400000019 : Start
51339: Apr 08 10:14:27.869 IST %MIVR-ENG-7-UNK:Execute step of Task 3400000019 : Accept (--
Triggering Contact--)
51340: Apr 08 10:14:27.869 IST %MIVR-SS_CM-7-UNK:Making Monitoring flag=true old flag value
=false

呼叫归因于，并且代理程序为回拨选择：

51349: Apr 08 10:14:27.872 IST %MIVR-SS_TEL-7-UNK:Call.attributed()
JTAPICallContact[id=11,type=Cisco JTAPI
Call,implId=29124/1,active=true,state=CALL_RECEIVED,inbound=true,handled=false,locale=en_CA,abor
ting=false,app=App[name=AA,type=Cisco Script
Application,id=4,desc=AA,enabled=true,max=4,valid=true,cfg=[ApplicationConfig[schema=Application
Config,time=2016-04-07 07:10:40.0,recordId=53,desc=AA,name=AA,type=Cisco Script
Application,id=4,enabled=true,sessions=4,script=SCRIPT[callback.aef],defaultScript=,vars=[<java.
lang.String CSQ>,<java.lang.Integer DelayWhileQueued>,<java.lang.String
Triggy>],defaultVars=null]]],task=3400000019,session=Session[id=001-
0xbdfd63e0c,parent=null,active=true,state=SESSION_IN_USE,time=1460090667843],seqNum=0,time=14600
90667841,cn=9999,dn=9999,cgn=2161,ani=null,dnis=null,clid=null,atype=DIRECT,lrd=null,ocn=9999,od
n=null,uui=null,aniii=null,ced=null,OrigProtocolCallRef=0000000000071C401E265980000000,DestPro
tocolCallRef=null,route=RP[num=9999],port=TP[type=Cisco CTI
Port,id=0,implId=543210,active=true,state=IN_USE],aborting=false,transferring=false,disconnectin
g=false]
51350: Apr 08 10:14:27.872 IST %MIVR-SS_TEL-7-UNK:CallID:11 MediaId:29124/1 Task: associated
with Task ID: 3400000019

提示客户输入回拨号码。您看到及时管理器示出提示符给客户：

51498: Apr 08 10:14:29.409 IST %MIVR-LIB_MEDIA-7-UNK:PrPl: appId=4, confId=9, parId=0,
channelId=7, channelImplId=7, contactId=11, contactImplId=29124/1 ->
PromptPlayer.initializeDataSource()
51499: Apr 08 10:14:29.409 IST %MIVR-LIB_MEDIA-7-UNK:PrPl: appId=4, confId=9, parId=0,
channelId=7, channelImplId=7, contactId=11, contactImplId=29124/1 -> play() promptQ.size=1
51501: Apr 08 10:14:29.409 IST %MIVR-LIB_MEDIA-7-UNK:PrPl: appId=4, confId=9, parId=0,
channelId=7, channelImplId=7, contactId=11, contactImplId=29124/1 -> startOutput()
51504: Apr 08 10:14:29.415 IST %MIVR-LIB_MEDIA-7-UNK:PrPl: appId=4, confId=9, parId=0,
channelId=7, channelImplId=7, contactId=11, contactImplId=29124/1 -> play(). StartOutput()
called.
51574: Apr 08 10:14:39.505 IST %MIVR-LIB_MEDIA-7-UNK:PrPl: appId=4, confId=9, parId=0,
channelId=7, channelImplId=7, contactId=11, contactImplId=29124/1 -> fileSendDone(),
finished=false

输入阶段

客户然后输入回拨号码。在脚本的位已接收消息。

Line 4103: 51617: Apr 08 10:14:46.625 IST %MIVR-SS_TEL-7-UNK:CallID:11 MediaId:29124/1
Task:3400000019 Digit received: 0
Line 4113: 51627: Apr 08 10:14:47.244 IST %MIVR-SS_TEL-7-UNK:CallID:11 MediaId:29124/1
Task:3400000019 Digit received: 8
Line 4118: 51632: Apr 08 10:14:47.793 IST %MIVR-SS_TEL-7-UNK:CallID:11 MediaId:29124/1
Task:3400000019 Digit received: 0
Line 4125: 51639: Apr 08 10:14:48.963 IST %MIVR-SS_TEL-7-UNK:CallID:11 MediaId:29124/1
Task:3400000019 Digit received: 6
Line 4132: 51646: Apr 08 10:14:49.521 IST %MIVR-SS_TEL-7-UNK:CallID:11 MediaId:29124/1
Task:3400000019 Digit received: 2

Line 4137: 51651: Apr 08 10:14:50.017 IST %MIVR-SS_TEL-7-UNK:CallID:11 MediaId:29124/1
Task:34000000019 Digit received: 1

Line 4146: 51660: Apr 08 10:14:50.432 IST %MIVR-SS_TEL-7-UNK:CallID:11 MediaId:29124/1
Task:34000000019 Digit received: 3

Line 4151: 51665: Apr 08 10:14:50.859 IST %MIVR-SS_TEL-7-UNK:CallID:11 MediaId:29124/1
Task:34000000019 Digit received: 1

Line 4158: 51672: Apr 08 10:14:51.559 IST %MIVR-SS_TEL-7-UNK:CallID:11 MediaId:29124/1
Task:34000000019 Digit received: #

Line 4161: 51675: Apr 08 10:14:51.560 IST %MIVR-STEP_MEDIA_CONTROL-7-UNK:Task:34000000019 **GetDigitStringStep (ParseInputStep)(or Extended): Normal Keys collected: 08062131**

呼叫方从UCCX然后被断开。呼叫在脚本终止。

Line 4162: 51676: Apr 08 10:14:51.560 IST %MIVR-ENG-7-UNK:Execute step of Task 34000000019 :
Terminate (--Triggering Contact--)

Line 4165: 51679: Apr 08 10:14:51.566 IST %MIVR-SS_TEL-7-UNK:CallID:11 MediaId:29124/1
Task:34000000019 com.cisco.jtapi.CiscoRTPInputStoppedEvImpl received

发出呼叫阶段

呼叫发出到触发(回拨ICD脚本)

```
### makecall() is called with the new CTI port (543210) in a different call control group ###  
### trigger 3999 (callback trigger) ###
```

51700: Apr 08 10:14:51.570 IST %MIVR-ENG-7-UNK:Execute step of Task 34000000019 : cOutbound =
Place Call (to Triggy)

51704: Apr 08 10:14:51.570 IST %MIVR-STEP_CALL_CONTROL-7-UNK:Task:34000000019 CreateCall Step
Execution

51723: Apr 08 10:14:51.772 IST %MIVR-SS_TEL-7-UNK:CallID:12 MediaId:29125/1 **Task:34000000019**
makeCall(543210,3999,10000)

51744: Apr 08 10:14:51.778 IST %MIVR-SS_TEL-7-UNK:CallID:12 MediaId:29125/1 Task:34000000019 Got
CallActiveEv, ConnCreatedEv 543210::1, ConnConnectedEv 543210::1, CallCtlConnInitiatedEv
543210::1, TermConnCreatedEv TEST_543210, TermConnActiveEv TEST_543210, CallCtlTermConnTalkingEv
TEST_543210, events on the AddressCallObserver.

51752: Apr 08 10:14:51.779 IST %MIVR-SS_TEL-7-UNK:CallID:12 MediaId:29125/1 Task:34000000019 Got
CallCtlConnDialingEv 543210::1, events on the AddressCallObserver.

51758: Apr 08 10:14:51.783 IST %MIVR-SS_TEL-7-UNK:CallID:12 MediaId:29125/1 Task:34000000019 Got
CallCtlConnEstablishedEv 543210::1, events on the AddressCallObserver.

51763: Apr 08 10:14:51.787 IST %MIVR-SS_TEL-7-UNK:CallID:12 MediaId:29125/1 Task:34000000019
connect returns

发出呼叫是成功的与另外媒体信道组和不同的呼叫控制组从来源呼叫。

52006: Apr 08 10:14:51.886 IST %MIVR-LIB_MEDIA-7-UNK:PromptPlayer.setTxDestination() Inside set
Tx Destination

52007: Apr 08 10:14:51.886 IST %MIVR-LIB_MEDIA-7-RTP_PROPERTIES_REASSIGNED:RTP Properties
Reassigned: Method Name=setTxDestination(),HOST NAME=10.106.87.133,PORT NUMBER=24694,PACKET
SIZE=20

52008: Apr 08 10:14:51.886 IST %MIVR-LIB_MEDIA-7-UNK:PrPl: appId=4, confId=10, parId=0,
channelId=1, channelImplId=1, contactId=12, contactImplId=29125/1 -> setTxDestination:
payloadType=4

52009: Apr 08 10:14:51.886 IST %MIVR-SS_TEL-7-UNK:CallID:12 MediaId:29125/1 Task:34000000019
makeCall is SUCCESSFUL, Conns length =2

脚本2执行开始。这是鬼魂呼叫。

实施ID= 29125 , 任务ID= 34000000023

CTI端口接受步骤= 4003

51917: Apr 08 10:14:51.853 IST %MIVR-SS_TEL-7-UNK:Call.attributed()

JTAPICallContact[id=13,type=Cisco JTAPI

Call,implId=29125/1,active=true,state=CALL_RECEIVED,inbound=true,handled=false,locale=en,abortin

```
g=false,app=App[name=ICD,type=Cisco Script
Application,id=0,desc=ICD,enabled=true,max=10,valid=true,cfg=[ApplicationConfig[schema=Applicati
onConfig,time=2016-03-22 17:58:01.0,recordId=43,desc=ICD,name=ICD,type=Cisco Script
Application,id=0,enabled=true,sessions=10,script=SSCRIPT[icd.aef],defaultScript=,vars=[<java.lan
g.String CSQ>],defaultVars=null]]],task=3400000023,session=Session[id=001-
0xbdf63e0d,parent=null,active=true,state=SESSION_IN_USE,time=1460090691771],seqNum=1,time=14600
90691790,cn=3999,dn=3999,cgn=543210,ani=null,dnis=null,clid=null,atype=DIRECT,lrd=null,ocn=3999,
odn=null,uui=null,aniii=null,ced=null,OrigProtocolCallRef=0000000000071C501E2659B00000000,DestP
rotocolCallRef=null,route=RP[num=3999],port=TP[type=Cisco CTI
Port,id=5,implId=4003,active=true,state=IN_USE],aborting=false,transferring=false,disconnecting=
false]
51918: Apr 08 10:14:51.853 IST %MIVR-SS_TEL-7-UNK:CallID:13 MediaId:29125/1 Task:3400000023
associated with Task ID: 3400000023
```

代理程序agent5在READY状态并且准备接受呼叫。对座席的电话62151的咨询传输。

```
Line 4544: 52028: Apr 08 10:14:51.889 IST %MIVR-ENG-7-UNK:Execute step of Task 3400000023 :
Play Prompt (--Triggering Contact--, WelcomePrompt)
Line 4545: 52029: Apr 08 10:14:51.890 IST %MIVR-STEP_MEDIA_CONTROL-7-UNK:Task:3400000023
Executing OutputStep
Line 4546: 52030: Apr 08 10:14:51.890 IST %MIVR-STEP_MEDIA_CONTROL-7-UNK:Task:3400000023
OutputStep: myExecute
Line 4577: 52061: Apr 08 10:14:53.397 IST %MIVR-ENG-7-UNK:Execute step of Task 3400000023 :
Select Resource (--Triggering Contact-- from CSQ)
Line 4648: 52087: Apr 08 10:14:53.403 IST %MIVR-SS_TEL-7-UNK:CallID:13 MediaId:29125/1
Task:3400000023, transfer(62151, 12000, ACKNOWLEDGED)
代理程序从CTI端口4003收到呼叫。座席电话是62151。
```

```
52165: Apr 08 10:14:53.447 IST %MIVR-SS_RM-7-UNK:RIMgrAddressCallObserver:
CallCtlConnEstablishedEv received for call:16806342 [29126/1], address 4003, calling party 4003,
and called party 62151
52166: Apr 08 10:14:53.447 IST %MIVR-SS_RM-7-UNK:RIMgrAddressCallObserver:
CallCtlConnEstablishedEv received for call 16806342 [29126/1] and agent null being ignored
because orig isn't a logged in agent Line 4953: 52392: Apr 08 10:14:59.245 IST %MIVR-SS_TEL-
7-UNK:OrigCall=CallID:13 MediaId:29125/1 Task:3400000023, ConsultEvent= CallObservationEndedEv
Line 4955: 52394: Apr 08 10:14:59.245 IST %MIVR-SS_TEL-7-UNK:CallID:13 MediaId:29125/1
Task:3400000023, transfer(62151, consultCall) 52678: Apr 08 10:14:59.325 IST %MIVR-SS_TEL-7-
UNK:Call.transferred(62151) - transferring JTAPICallContact[id=13,type=Cisco JTAPI
Call,implId=29125/1,active=false,state=CALL_CONNECTED,inbound=true,handled=false,locale=en,abort
ing=false,app=App[name=ICD,type=Cisco Script
Application,id=0,desc=ICD,enabled=true,max=10,valid=true,cfg=[ApplicationConfig[schema=Applicati
onConfig,time=2016-03-22 17:58:01.0,recordId=43,desc=ICD,name=ICD,type=Cisco Script
Application,id=0,enabled=true,sessions=10,script=SSCRIPT[icd.aef],defaultScript=,vars=[<java.lan
g.String CSQ>],defaultVars=null]]],task=3400000023,session=null,seqNum=-
1,time=1460090691790,cn=3999,dn=3999,cgn=543210,ani=null,dnis=null,clid=null,atype=DIRECT,lrd=nu
ll,ocn=3999,odn=null,uui=null,aniii=null,ced=null,OrigProtocolCallRef=0000000000071C501E2659E00
000000,DestProtocolCallRef=null,route=RP[num=3999],port=TP[type=Cisco CTI
Port,id=5,implId=4003,active=false,state=IDLE],aborting=false,transferring=true,disconnecting=fa
lse]
52679: Apr 08 10:14:59.326 IST %MIVR-SS_TEL-7-UNK:CallID:13 MediaId:29125/1 Task:3400000023,
released TP[type=Cisco CTI Port,id=5,implId=4003,active=false,state=IDLE] from 3999, and
releasing udpPort 24694
52680: Apr 08 10:14:59.326 IST %MIVR-SS_TEL-7-UNK:CallID:13 MediaId:29125/1 Task:3400000023
com.cisco.jtapi.TermObservationEndedEvImpl received
这时，代理程序当前连接到鬼魂CTI端口543210，并且脚本1等待代理程序按所有键做呼叫对客户。
代理程序这时在与CTI端口的一通话状态。
```

或者在此阶段，脚本能也播放消息回到关于客户的代理程序。然而，脚本1等待位按执行呼叫重定向到被输入和保存的呼叫方的回拨号码。

将被输入的脚本1等待的位：

52014: Apr 08 10:14:51.887 IST %MIVR-ENG-7-UNK:Execute step of Task 3400000019 : AnyDigit = Get Digit String (cOutbound)
52015: Apr 08 10:14:51.887 IST %MIVR-STEP_MEDIA_CONTROL-7-UNK:Task:3400000019 Executing GetDigitStringStep (ParseInputStep)
52016: Apr 08 10:14:51.887 IST %MIVR-STEP_MEDIA_CONTROL-7-UNK:Task:3400000019 GetDigitStringStep (ParseInputStep): myExecute

代理程序按键。按位1确认回拨启动：

52820: Apr 08 10:15:07.375 IST %MIVR-SS_TEL-7-UNK:CallID:12 MediaId:29125/1 Task:3400000019 Digit received: 1
52821: Apr 08 10:15:07.375 IST %MIVR-LIB_MEDIA-7-UNK:PrPl: appId=4, confId=10, parId=0, channelId=1, channelImplId=1, contactId=12, contactImplId=29125/1 -> stopPlay() called.

52825: Apr 08 10:15:07.785 IST %MIVR-SS_CMT-7-UNK:process digit 1
52826: Apr 08 10:15:07.786 IST %MIVR-SS_CMT-7-UNK:MediaDialogChannel id=1,state=IN_USE MDC::clear com.cisco.wf.cmt.dialogs.CMTSimpleDigitStringDialogImpl@2a90df abortWaiting=false
52827: Apr 08 10:15:07.786 IST %MIVR-STEP_MEDIA_CONTROL-7-UNK:Task:3400000019 GetDigitStringStep (ParseInputStep)(or Extended): Normal Keys collected: 1

呼叫重定向到回拨号码：

52828: Apr 08 10:15:07.786 IST %MIVR-ENG-7-UNK:Execute step of Task 3400000019 : Call Redirect (cOutbound to Callbacknumber)
52829: Apr 08 10:15:07.786 IST %MIVR-STEP_CALL_CONTROL-7-UNK:Task:3400000019 Executing RedirectStep (CallRedirect), reset:true
52830: Apr 08 10:15:07.787 IST %MIVR-SS_TEL-7-UNK:CallID:12 MediaId:29125/1 Task:3400000019, Redirecting to: 08062131, Unconditional: false, ResetOrigCalledAddr:false, OrigCalledAddr:08062131, CallingSearchSpace:redirecting.party
52831: Apr 08 10:15:07.794 IST %MIVR-SS_TEL-7-UNK:Received Event :com.cisco.jtapi.CiscoRTPInputStoppedEvImpl
52832: Apr 08 10:15:07.795 IST %MIVR-SS_TEL-7-UNK:CallID:12 MediaId:29125/1 Task:3400000019 com.cisco.jtapi.CiscoRTPInputStoppedEvImpl received

座席电话和回拨号码连接给互相：

Line 5474: 52884: Apr 08 10:15:08.048 IST %MIVR-SS_TEL-7-UNK:Call.abandoned() - transferring JTAPICallContact[id=12,type=Cisco JTAPI Call,implId=29125/1,active=true,state=CALL_ANSWERED,inbound=false,handled=false,locale=en_US,aborting=false,app=App[name=AA,type=Cisco Script Application,id=4,desc=AA,enabled=true,max=4,valid=true,cfg=[ApplicationConfig[schema=Application Config,time=2016-04-07 07:10:40.0,recordId=53,desc=AA,name=AA,type=Cisco Script Application,id=4,enabled=true,sessions=4,script=SCRIPT[callback.aef],defaultScript=,vars=[<java.lang.String CSQ>,<java.lang.Integer DelayWhileQueued>,<java.lang.String Triggy>],defaultVars=null]]],task=3400000019,session=Session[id=001-0xbdfd63e0d,parent=null,active=true,state=SESSION_IN_USE,time=1460090691771],seqNum=0,time=1460090691577,cn=3999,dn=null,cgn=543210,ani=null,dnis=null,clid=null,atype=OUTBOUND,lrd=null,ocn=3999,odn=null,uui=null,aniii=null,ced=null,OrigProtocolCallRef=null,DestProtocolCallRef=000000000000071C501E2659900000000,route=RP[num=0000],...

Line 5479: 52889: Apr 08 10:15:08.051 IST %MIVR-STEP_CALL_CONTROL-7-UNK:Task:3400000019 RedirectStep (CallRedirect): OriginalCalledAddressExpr Selected: Destination Line 5510: 52898: Apr 08 10:15:08.053 IST %MIVR-SS_TEL-7-UNK:Call.transferred(08062131) - transferring JTAPICallContact[id=12,type=Cisco JTAPI Call,implId=29125/1,active=false,state=CALL_TRANSFERRED,inbound=false,handled=false,locale=en_US,aborting=false,app=App[name=AA,type=Cisco Script Application,id=4,desc=AA,enabled=true,max=4,valid=true,cfg=[ApplicationConfig[schema=Application Config,time=2016-04-07 07:10:40.0,recordId=53,desc=AA,name=AA,type=Cisco Script Application,id=4,enabled=true,sessions=4,script=SCRIPT[callback.aef],defaultScript=,vars=[<java.lang.String CSQ>,<java.lang.Integer DelayWhileQueued>,<java.lang.String Triggy>],defaultVars=null]]],task=3400000019,session=Session[id=001-0xbdfd63e0d,parent=null,active=true,state=SESSION_IN_USE,time=1460090691771],seqNum=0,time=1460090691577,cn=3999,dn=null,cgn=543210,ani=null,dnis=null,clid=null,atype=OUTBOUND,lrd=null,ocn=3999,odn=null,uui=null,aniii=null,ced=null,OrigProtocolCallRef=null,DestProtocolCallRef=000000000000071C501E2659900000000,route... Line 5511: 52899: Apr 08 10:15:08.053 IST %MIVR-SS_TEL-7-UNK:CallID:12 MediaId:29125/1 Task:3400000019, released TP[type=Cisco CTI

Port,id=0,implId=543210,active=false,state=IDLE] from 0000, and releasing udpPort 24692