

VoIP avec le RVI

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Introduction

Ce document t'affiche comment configurer et dépanner la réponse vocale interactive de base (RVI) dans un réseau VoIP avec des passerelles. Le RVI est un terme utilisé pour décrire les systèmes qui fournissent des informations sous forme de messages enregistrés au-dessus des lignes téléphoniques en réponse à l'utilisateur entré sous forme de mots parlés ou de signalisation multifréquence de double tonalité (DTMF) (plus communs). Les exemples incluent les banques qui te permettent pour vérifier votre équilibre de tous les téléphone et systèmes automatisés de valeur de bourse.

Conditions préalables

Conditions requises

Aucune spécification déterminée n'est requise pour ce document.

Composants utilisés

Les informations contenues dans ce document sont basées sur les versions de matériel et de logiciel suivantes :

- Version de logiciel 12.1(1) de Cisco IOS® qui fonctionne dans les Routeurs.

Les informations présentées dans ce document ont été créées à partir de périphériques dans un environnement de laboratoire spécifique. Tous les périphériques utilisés dans ce document ont démarré avec une configuration effacée (par défaut). Si vous travaillez dans un réseau opérationnel, assurez-vous de bien comprendre l'impact potentiel de toute commande avant de l'utiliser.

Conventions

Pour plus d'informations sur les conventions utilisées dans ce document, reportez-vous à [Conventions relatives aux conseils techniques Cisco](#).

Configurez

Cette section vous fournit des informations pour configurer les fonctionnalités décrites dans ce document.

Remarque: Utilisez l'outil [Command Lookup Tool](#) (clients [enregistrés](#) seulement) pour trouver plus d'informations sur les commandes utilisées dans ce document.

Diagramme du réseau

Ce document utilise la configuration réseau indiquée dans le diagramme suivant :

Le Raleigh5300 dans ce schéma de réseau exécute le RVI utilisant le script interne de **clid_authen_collect**. Ce script regarde l'identification du numéro automatique d'un appel entrant (ANI). Ceci aide l'appel qui reçoit des périphériques pour identifier le nombre de l'appelant et Service d'identification du numéro composé réacheminé (RDNIS) et le nombre qui s'est appelé pour atteindre un périphérique particulier. Alors il essaye d'apparier ces derniers avec un nom d'utilisateur et mot de passe. Si le script ne s'assortit pas à un nom d'utilisateur et mot de passe, comme le fait dans ce cas il, il utilise des Guides vocaux pour obtenir le numéro et le mot de passe de compte (souvent désignés sous le nom du « PIN »). Après qu'un appelant écrive le nom d'utilisateur et mot de passe et soit authentifié, le script incite pour qu'un numéro de destination s'appelle.

La configuration RVI ici est très une configuration de base. Dans un vrai environnement, le nom d'utilisateur et mot de passe sont enregistrés dans un serveur de Service RADIUS (Remote Authentication Dial-In User Service). L'authentification login d'Authentification, autorisation et comptabilité (AAA) indique H.323 le RAYON, et non local. Ceci est accompli avec la commande de **rayon de groupe de h323 d'authentification login d'AAA** dans la configuration du routeur qui exécute le RVI.

Sous la commande du **dial-peer voice 1**, l'application IVR est configurée. Dans ce cas, il indique le script de **clid_authen_collect**. Il y a de diverses configurations pour le RVI en logiciel. Écrivez le [show call application voice de](#) commande EXEC [résumé] pour voir ceci. Référez-vous à [configurer la réponse vocale interactive pour le](#) pour en savoir plus de [plates-formes d'accès de Cisco](#).

Configurations

Ce document utilise les configurations suivantes :

- [Raleigh 5300A](#)
- [Raleigh 3640A](#)
- [San Jose 5300A](#)
- [San Jose 3640A](#)

Raleigh 5300A

```
Raleigh5300A#show run Building configuration... Current
configuration: !! Last configuration change at 00:42:21
UTC Tue Mar 28 2000 ! NVRAM config last updated at
00:42:22 UTC Tue Mar 28 2000 ! version 12.1 service
timestamps debug datetime msec service timestamps log
datetime msec no service password-encryption ! hostname
Raleigh5300A ! logging buffered 50000 debugging AAA new-
model AAA authentication login default none AAA
authentication login h323 local enable secret password
!--- Choose a strong password with at least one capital
letter, !--- one number, and one special character. !
username 1234 password 0 5678 spe 1/0 1/7 firmware
location system:/ucode/mica_port_firmware !! resource-
pool disable ! ! ! ! ! clock calendar-valid ip subnet-
zero ! isdn switch-type primary-5ess isdn voice-call-
failure 0 mta receive maximum-recipients 0 ! !
controller T1 0 framing esf clock source line primary
linecode b8zs pri-group timeslots 1-24 ! controller T1 1
clock source line secondary 1 ! controller T1 2 !
controller T1 3 ! ! voice-port 0:D ! ! dial-peer voice 1
pots application clid_authen_collect incoming called-
number 4085556400 answer-address 9195552001 destination-
pattern 919#9195552... port 0:D prefix 919 ! dial-peer
voice 2 voip destination-pattern 4085556400 tech-prefix
408# session target ras ! num-exp 6... 4085556... !---
This command is used to configure a Cisco IOS® gateway
to route the calls coming to a main direct inward dial
(DID) number to an AutoAttendant. gateway ! interface
Ethernet0 no ip address shutdown ! interface Serial0:23
no ip address ip mroute-cache isdn switch-type primary-
5ess isdn incoming-voice modem fair-queue 64 256 0 no
cdp enable ! interface FastEthernet0 ip address
172.16.120.2 255.255.255.0 duplex auto speed auto h323-
gateway voip interface h323-gateway voip id RALgk1
ipaddr 172.16.120.1 1718 h323-gateway voip h323-id
RAL5300A@cisco.com h323-gateway voip tech-prefix 919# !
ip classless ip route 172.16.110.0 255.255.255.0
172.16.120.10 no ip http server ! line con 0 transport
input none line 1 48 transport output lat pad telnet
rlogin udptn v120 lapb-ta line aux 0 line vty 0 4
password cisco ! ntp clock-period 17179842 ntp server
172.16.110.10 end
```

Raleigh 3640A

```
Raleigh3640A#show run Building configuration... Current
configuration: ! version 12.1 service timestamps debug
datetime msec service timestamps log datetime msec no
service password-encryption ! hostname Raleigh3640A !
logging buffered 50000 debugging enable secret password
!--- Choose a strong password with at least one capital
letter, !--- one number, and one special character. ! !
! ! ! ip subnet-zero ! ip dvmrp route-limit 20000 ! ! !
! ! interface Ethernet1/0 ip address 172.16.120.1
```

```
255.255.255.0 ! interface Serial1/0 no ip address no ip
mroute-cache no fair-queue ! interface TokenRing1/0 no
ip address shutdown ring-speed 16 ! ip classless ip
route 172.16.110.0 255.255.255.0 172.16.120.10 no ip
http server ! ! gatekeeper zone local RALgk1 cisco.com
zone remote SJgk1 cisco.com 172.16.110.1 1719 zone
prefix SJgk1 408..... gw-type-prefix 408#* no shutdown
! ! line con 0 transport input none line aux 0 line vty
0 4 password cisco login ! ntp clock-period 17179856 ntp
server 172.16.110.10 end
```

San Jose 5300A

```
SanJose5300A#show run Building configuration... Current
configuration: ! ! Last configuration change at 00:15:49
UTC Tue Mar 28 2000 ! NVRAM config last updated at
00:15:50 UTC Tue Mar 28 2000 ! version 12.1 service
timestamps debug datetime msec service timestamps log
datetime msec no service password-encryption ! hostname
SanJose5300A ! logging buffered 50000 debugging enable
secret password !--- Choose a strong password with at
least one capital letter, !--- one number, and one
special character. ! ! ! resource-pool disable ! ! ! ! !
ip subnet-zero ! isdn voice-call-failure 0 mta receive
maximum-recipients 0 ! ! controller T1 0 framing esf
clock source line primary linecode b8zs ds0-group 1
timeslots 1-4 type e&m-immediate-start ! controller T1 1
clock source line secondary 1 ! controller T1 2 !
controller T1 3 ! ! voice-port 0:1 ! ! dial-peer voice 1
pots answer-address 4085556001 destination-pattern
408#4085556... direct-inward-dial port 0:1 prefix 6 !
dial-peer voice 2 voip destination-pattern 9195552...
tech-prefix 919# session target ras ! num-exp 2...
9195552... gateway ! interface Ethernet0 no ip address !
interface FastEthernet0 ip address 172.16.110.2
255.255.255.0 duplex auto speed auto h323-gateway voip
interface h323-gateway voip id SJgk1 ipaddr 172.16.110.1
1718 h323-gateway voip h323-id SJ5300A@cisco.com h323-
gateway voip tech-prefix 408# ! ip classless ip route
172.16.120.0 255.255.255.0 172.16.110.10 no ip http
server ! ! ! line con 0 transport input none line aux 0
line vty 0 4 password cisco login ! ntp clock-period
17179924 ntp server 172.16.110.10 end
```

San Jose 3640A

```
SanJose3640A#show run Building configuration... Current
configuration: ! ! NVRAM config last updated at 00:05:33
UTC Tue Mar 28 2000 ! version 12.1 service timestamps
debug datetime msec service timestamps log datetime msec
no service password-encryption ! hostname SanJose3640A !
boot system flash c3640-ix-mz.120-7.T logging buffered
50000 debugging enable secret password !--- Choose a
strong password with at least one capital letter, !---
one number, and one special character. ! ! ! ! ! ip
subnet-zero ! ip dvmrp route-limit 20000 ! ! interface
Ethernet1/0 ip address 172.16.110.1 255.255.255.0 !
interface Serial1/0 no ip address no ip mroute-cache
shutdown no fair-queue ! interface Ethernet1/1 no ip
address shutdown ! ip classless ip route 172.16.120.0
255.255.255.0 172.16.110.10 no ip http server ! tftp-
server flash:c3640-ix-mz.121-1.bin ! gatekeeper zone
local SJgk1 cisco.com zone remote RALgk1 cisco.com
172.16.120.1 1719 zone prefix RALgk1 919..... gw-type-
prefix 919#* no shutdown ! ! line con 0 transport input
none line aux 0 line vty 0 4 password cisco login ! ntp
```

```
clock-period 17179867 ntp server 172.16.110.10 end
```

Vérifiez

Cette section fournit les informations pour confirmer que votre configuration fonctionne correctement.

L'[Outil Interpréteur de sortie](#) (clients [enregistrés](#) uniquement) (OIT) prend en charge certaines commandes **show**. Utilisez l'OIT pour afficher une analyse de la sortie de la commande **show**.

- [show gateway](#) - Affiche l'état en cours de passerelle.
- [show gatekeeper calls](#) - Affiche le statut de chaque appel actuel qu'un garde-porte se rend compte de.
- [show gatekeeper gw-type-prefix](#) - Affiche la table de préfixe de technologie de passerelle.
- [show flash](#) - Affiche le contenu de la mémoire flash.
- [clid_authen_collect de show call application voice](#) - Affiche une liste d'Applications voix qui sont configurées.
- [show gatekeeper endpoints](#) - Affiche le statut de tous les points finaux enregistrés pour un garde-porte.
- [show log](#) - Affiche la **sortie de débogage** du tampon de journalisation quand des commandes de **débogage** sont activées.
- [show call active voice \[brief\]](#) - Affiche l'état d'appel pour tous les ports vocaux.
- [show debugging](#) - Affiche que des commandes de **débogage** sont activé à un moment donné.

Après que vous écrivez les configurations affichées dans ce document dans vos Routeurs, vérifiez que le réseau fonctionne correctement. Ces commandes et sortie respective affichent une implémentation réussie des configurations dans ce document.

Les la plupart des problèmes courants avec le RVI incluent :

- L'application n'est pas correctement configurée sur le cadran-pair de réseau téléphonique public commuté (POTS). Assurez-vous que l'appel entrant de téléphonie apparie l'homologue de numérotation POTS avec l'application. L'homologue de numérotation POTS apparie le premier cadran-pair avec la commande assortie de port dans la configuration ou si le numéro appelé apparie le **<number> entrant de numéro appelé de** commande secondaire de cadran-pair. Vérifiez que l'application existe réellement par la commande de [show call application voice \[résumé\]](#). Assurez-vous que le nom d'application ne contient pas une erreur de syntaxe.
- Assurez-vous que le direct-inward-dial n'est pas configuré sur les pots de cadran-pair.
- Assurez-vous que les fichiers audios appropriés sont chargés dans l'éclair.
- Assurez-vous que l'authentification avec le nom d'utilisateur et mot de passe est correctement configurée.

Sortie Raleigh5300A

```
Raleigh5300A#show gateway Gateway RAL5300A@cisco.com is registered to Gatekeeper RALgk1 Alias list (CLI configured) H323-ID RAL5300A@cisco.com Alias list (last RCF) H323-ID RAL5300A@cisco.com H323 resource thresholding is Disabled Raleigh5300A#show flash System flash directory: File Length Name/status 1 7084904 c5300-is-mz.121-1.bin 2 23186 enter_account.au 3 38087 enter_destination.au 4 20414 enter_pin.au 5 17513 auth_failed.au [7184432 bytes used, 1204176 available, 8388608 total] 8192K bytes of processor board System flash (Read/Write) Raleigh5300A#show call application voice clid_authen_collect Idle call list has 1 calls on it.
```

```

Application cliid_authen_collect The script is compiled into the image It has 0 calls active. The
TCL Script is: ----- # cliid_authen_collect.tcl #-----
# September 1998, David Ramsthaller # # Copyright (c) 1998, 1999 by cisco Systems, Inc. # All
rights reserved. #----- # Mimic the cliid_authen_collect script in
the SP1.0 release. # # It authenticates using (ani, dnis) for (account, password). If # that
fails, it collects account and pin number, then authenticates # using (account, pin). # # If
authentication passes, it collects the destination number and # places the call. # # The main
routine is at the bottom. Start reading the script there. # proc do_get_account {} { global
state global account set prompt(url) flash:enter_account.au set prompt(interrupt) true set
prompt(abortKey) * set prompt(terminationKey) # set patterns(account) .+ set event
[promptAndCollect prompt info patterns ] if {$sevent == "collect success"} { set state get_pin
set account $info(digits) return 0 } if {$sevent == "collect aborted"} { set state get_account
return 0 } if {$sevent == "collect fail" || $sevent == "collect timeout"} { set state get_account
return 0 } set state end return 0 } proc do_get_pin {} { global state global pin set prompt(url)
flash:enter_pin.au set prompt(interrupt) true set prompt(abortKey) * set prompt(terminationKey)
# set patterns(account) .+ set event [promptAndCollect prompt info patterns ] if {$sevent ==
"collect success"} { set state authenticate set pin $info(digits) return 0 } if {$sevent ==
"collect aborted"} { set state get_account return 0 } if {$sevent == "collect fail" || $sevent ==
"collect timeout"} { # timeout if {$info(code) == 102} { set state get_pin return 0 } # invalid
number if {$info(code) == 28} { set state get_pin return 0 } } set state end return 0 } proc
do_authenticate {} { global state global pin global account set event [authenticate $account
$pin info] if { $sevent == "authenticated" } { set state authen_pass return 0 } if {$sevent ==
"authentication failed"} { set state authen_fail return 0 } set state end return 0 } proc
do_get_dest {} { global state global destination set prompt(url) flash:enter_destination.au set
prompt(interrupt) true set prompt(abortKey) * set prompt(terminationKey) # set prompt(dialPlan)
true set event [promptAndCollect prompt info ] if {$sevent == "collect success"} { set state
place_call set destination $info(digits) return 0 } if {$sevent == "collect aborted"} { set state
get_dest return 0 } if {$sevent == "collect fail" || $sevent == "collect timeout"} { set state
get_dest return 0 } set state end return 0 } proc do_authen_pass {} { global state global
destination set dnislen [string len [dnis]] if { [did] && $dnislen } { set destination [dnis]
set state place_call } else { set state get_dest } return 0 } proc do_place_call {} { global
state global destination set event [placeCall $destination callInfo info] if {$sevent ==
"active"} { set state active return 0 } if {$sevent == "call fail"} { set state place_fail return
0 } set state end return 0 } proc do_active_notimer {} { global state set event [waitEvent]
while { $sevent == "digit" } { set event [waitEvent] } set state end return 0 } proc
do_active_last_timer {} { global state set event [startTimer [creditTimeLeft] info] while {
$sevent == "digit" } { set event [startTimer $info(timeLeft) info] } if { $sevent == "timeout" } {
clearOutgoingLeg retInfo set state out_of_time } else { set state end } return 0 } proc
do_active_timer {} { global state if { [creditTimeLeft] < 10 } { do_active_last_timer return 0 }
set delay [expr [creditTimeLeft] - 10] set event [startTimer $delay info] while { $sevent ==
"digit" } { set event [startTimer $info(timeLeft) info] } if { $sevent == "timeout" } {
insertMessage flash:beep.au retInfo do_active_last_timer } else { set state end } return 0 }
proc do_active {} { global state if { ( [creditTimeLeft] == "unlimited") || ([creditTimeLeft] ==
"uninitialized") } { do_active_notimer } else { do_active_timer } return 0 } proc do_out_of_time
{} { global state set prompt(url) flash:out_of_time.au set prompt(playComplete) true set event
[promptAndCollect prompt info ] set state end return 0 } proc do_authen_fail {} { global state
set prompt(url) flash:auth_failed.au set prompt(playComplete) true set event [promptAndCollect
prompt info ] set state end return 0 } proc do_place_fail {} { global state playFailureTone 5
retInfo set state end return 0 } #----- # And here is the main
loop # acceptCall set event [authenticate [ani] [dnis] info] if {$sevent != "authenticated"} {
set state get_account } else { set state authen_pass } while {$state != "end"} { puts
"cid([callID]) running state $state" if {$state == "get_account"} { do_get_account } elseif
{$state == "get_pin"} { do_get_pin } elseif {$state == "authenticate"} { do_authenticate }
elseif {$state == "get_dest"} { do_get_dest } elseif {$state == "place_call"} { do_place_call }
elseif {$state == "active"} { do_active } elseif {$state == "authen_fail" } { do_authen_fail }
elseif {$state == "authen_pass" } { do_authen_pass } elseif {$state == "place_fail" } {
do_place_fail } elseif {$state == "out_of_time" } { do_out_of_time } else { break } }

```

Le routeur de Raleigh fait activer quelques commandes de débogage. La commande de show debug affiche ceci :

```

Raleigh5300A#show debug General OS: AAA Authentication debugging is on ISDN: ISDN Q931 packets
debugging is on ISDN Q931 packets debug DSLs. (On/Off/No DSL:1/0/-) DSL 0 --> 7 1 - - - - -
H.323 RAS: H.323 RAS Messages debugging is on voip AAA: voip AAA debugging is on voip: voip

```

ccAPI function enter/exit debugging is on ivr: ivr state transitions debugging is on

Supposez qu'un appel est fait tandis qu'activé avec met au point affiché. C'est la sortie qui se produit avec un tel appel :

```
Raleigh5300A#show log Syslog logging: enabled (0 messages dropped, 0 flushes, 0 overruns)
Console logging: level debugging, 5422 messages logged Monitor logging: level debugging, 0
messages logged Buffer logging: level debugging, 5422 messages logged Trap logging: level
informational, 230 message lines logged Log Buffer (50000 bytes): Mar 28 00:44:50.741:
RASLib::ras_sendto: msg length 76 from 172.16.120.2:49831 to 172.16.120.1:1719 Mar 28
00:44:50.741: RASLib::RASSendRRQ: RRQ (seq# 12164) sent to 172.16.120.1 Mar 28 00:44:50.745:
RASLib::RASRecvData: successfully rcvd message of length 52 from 172.16.120.1:1719 Mar 28
00:44:50.745: RASLib::RASRecvData: RCF (seq# 12164) rcvd from [172.16.120.1:1719] on sock
[0x6179E6A4] Mar 28 00:45:18.433: ISDN Se0:23: RX <- SETUP pd = 8 callref = 0x02 Mar 28
00:45:18.433: Bearer Capability i = 0x8090A2 Mar 28 00:45:18.433: Channel ID i = 0xA98393 Mar 28
00:45:18.433: Calling Party Number i = 0x2180, '9195552010', Plan:ISDN, Type:National Mar 28
00:45:18.433: Called Party Number i = 0xA1, '4085556400', Plan:ISDN, Type:National Mar 28
00:45:18.437: ISDN Se0:23: TX -> CALL_PROC pd = 8 callref = 0x8002 Mar 28 00:45:18.437: Channel
ID i = 0xA98393 Mar 28 00:45:18.437: ISDN Se0:23: TX -> ALERTING pd = 8 callref = 0x8002 Mar 28
00:45:18.437: cc_api_call_setup_ind (vdbPtr=0x61B9ADAC, callInfo={called=4085556400,
calling=9195552010, fdest=0 peer_tag=1}, callID=0x61A088C4) Mar 28 00:45:18.441:
start_h323_accounting: Mar 28 00:45:18.441: start_h323_ccapi_accounting: Error: Null userp Mar
28 00:45:18.441: cc_process_call_setup_ind (event=0x61BB59E8) handed call to app
"clid_authen_collect" Mar 28 00:45:18.441: App clid_authen_collect: Handling callID 52 Mar 28
00:45:18.441: callingNumber=9195552010, calledNumber=4085556400, redirectNumber= Mar 28
00:45:18.441: accountNumber=, finalDestFlag=0, guid=1acb.27d8.98f4.006b.0000.0000.2071.a5e8 Mar
28 00:45:18.441: peer_tag=1 Mar 28 00:45:18.441: ccCallHandoff (callID=0x34) Mar 28
00:45:18.445: ./acceptCall/ Mar 28 00:45:18.445: Accepting CallID=52 Mar 28 00:45:18.445:
ccCallSetupAck (callID=0x34) Mar 28 00:45:18.445: ccCallProceeding (callID=0x34, prog_ind=0x0)
Mar 28 00:45:18.445: ccCallConnect (callID=0x34) Mar 28 00:45:18.445: ./ani/ Mar 28
00:45:18.445: ./dnis/ Mar 28 00:45:18.445: :[authenticate] Mar 28 00:45:18.445: authenticate Mar
28 00:45:18.445: account=9195552010 Mar 28 00:45:18.445: password=4085556400 Mar 28
00:45:18.445: start_authentication service: ivr tcl authentication Mar 28 00:45:18.445: AAA:
parse name= idb type=-1 tty=-1 Mar 28 00:45:18.445: AAA/MEMORY: create_user (0x61EBED14)
user='9195552010' ruser='' port='' rem_addr='' authen_type=ASCII service=LOGIN priv=0 Mar 28
00:45:18.445: AAA/AUTHEN/START (2776990538): port='' list='h323' action=LOGIN service=LOGIN Mar
28 00:45:18.445: AAA/AUTHEN/START (2776990538): found list h323 Mar 28 00:45:18.445:
AAA/AUTHEN/START (2776990538): Method=LOCAL Mar 28 00:45:18.445: AAA/AUTHEN (2776990538): User
not found, end of method list Mar 28 00:45:18.445: AAA/AUTHEN (2776990538): status = FAIL Mar 28
00:45:18.445: voip_authenticate: Authentication server ERROR: server MSG: Mar 28 00:45:18.445:
AAA/MEMORY: free_user (0x61EBED14) user='9195552010' ruser='' port='' rem_addr=''
authen_type=ASCII service=LOGIN priv=0 Mar 28 00:45:18.449: ISDN Se0:23: TX -> CONNECT pd = 8
callref = 0x8002 Mar 28 00:45:18.449: cid(52) ta_get_event returning authentication failed Mar
28 00:45:18.449: :[callID] Mar 28 00:45:18.449: ./puts/ Mar 28 00:45:18.449: cid( 52) running
state get_account Mar 28 00:45:18.453: TA_PromptCmd. CallID=52 Mar 28 00:45:18.453: ccCallApp
(callID=0x34) Mar 28 00:45:18.453: prompt and collect app got callID 52 Mar 28 00:45:18.453:
Playing prompt enter_account.au Mar 28 00:45:18.453: Prompt interrupt enabled Mar 28
00:45:18.453: No return on play complete Mar 28 00:45:18.453: Not matching against dial plan Mar
28 00:45:18.453: Abort key is * Termination key is # Mar 28 00:45:18.453: Matching against 1
patterns. Mar 28 00:45:18.453: Pattern .+ Mar 28 00:45:18.453: ccCallSetContext (callID=0x34,
context=0x61A3AAA4) Mar 28 00:45:18.453: ms_create() Iniz ply_timer Mar 28 00:45:18.453:
ccAssociateStream (callID=0x34 coder=5 vad=0 recordFunc=0x0 evQ=0x61BE4420) Mar 28 00:45:18.453:
cc_API_call_associated (vdbPtr=0x61B9ADAC, callID=0x34, disp=0) Mar 28 00:45:18.453:
ms_associateDone(): xmitFunc = playFunc 0x60B8B358 Mar 28 00:45:18.453: ms_associateDone():
CallID 52 First Buf Play at 6d07h of enter_account.au Mar 28 00:45:18.453: ms_associateDone()
6d07h, Tstart(ply: iSndDly 1000, pSnce 0) Mar 28 00:45:18.545: ISDN Se0:23: RX <- CONNECT_ACK pd
= 8 callref = 0x02 Mar 28 00:45:18.545: ISDN Se0:23: CALL_PROGRESS: CALL_CONNECTED call id 0x1B,
bchan -1, dsl 0 Mar 28 00:45:19.453: $ $ms_process() >>ms_start_play() Mar 28 00:45:19.453:
ms_start_play() 6d07h mgdTstop(ply) Mar 28 00:45:20.241: cc_api_call_digit_begin
(vdbPtr=0x61B9ADAC, callID=0x34, digit=1, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar
28 00:45:20.245: pcapp CallID 52 event CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:20.353:
cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=1, duration=160) digit=1 Mar 28
00:45:20.353: ms_stop_play() call 52 mgdTstop at 6d07h Mar 28 00:45:20.353: ms_stop_play(): Play
Stopped at 6d07h Mar 28 00:45:20.353: ccDisassociateStream (callID=0x34) Mar 28 00:45:20.521:
```

cc_api_call_digit_begin (vdbPtr=0x61B9ADAC, callID=0x34, digit=2, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar 28 00:45:20.525: pcapp CallID 52 event
CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:20.593: cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=2, duration=120) digit=2 Mar 28 00:45:20.781: cc_api_call_digit_begin (vdbPtr=0x61B9ADAC, callID=0x34, digit=3, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar 28 00:45:20.785: pcapp CallID 52 event CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:20.853: cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=3, duration=120) digit=3 Mar 28 00:45:21.101: cc_api_call_digit_begin (vdbPtr=0x61B9ADAC, callID=0x34, digit=4, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar 28 00:45:21.105: pcapp CallID 52 event CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:21.193: cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=4, duration=140) digit=4 Mar 28 00:45:21.553: cc_api_call_digit_begin (vdbPtr=0x61B9ADAC, callID=0x34, digit=#, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar 28 00:45:21.553: pcapp CallID 52 event CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:21.673: cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=#, duration=170) digit=# Mar 28 00:45:21.673: pcapp CallID 52 returning PCAPP_MATCHED. string=1234 Mar 28 00:45:21.673: ccCallAppReturn (callID=0x34) Mar 28 00:45:21.673: ms_delete() invoking ms_stop_play() for just in case... Mar 28 00:45:21.673: ms_stop_play() call 52 mgdTstop at 6d07h Mar 28 00:45:21.673: ms_delete(): mc_delete_dynamicS() mc_delete_read() Mar 28 00:45:21.673: cid(52) ta_get_event returning collect success Mar 28 00:45:21.677: :[callID] Mar 28 00:45:21.677: :/puts/ Mar 28 00:45:21.677: cid(52) running state get_pin Mar 28 00:45:21.677: ta_PromptCmd. CallID=52 Mar 28 00:45:21.677: ccCallApp (callID=0x34) Mar 28 00:45:21.681: prompt and collect app got callID 52 Mar 28 00:45:21.681: Playing prompt enter_pin.au Mar 28 00:45:21.681: Prompt interrupt enabled Mar 28 00:45:21.681: No return on play complete Mar 28 00:45:21.681: Not matching against dial plan Mar 28 00:45:21.681: Abort key is * Termination key is # Mar 28 00:45:21.681: Matching against 1 patterns. Mar 28 00:45:21.681: Pattern .+ Mar 28 00:45:21.681: ccCallSetContext (callID=0x34, context=0x61A986B0) Mar 28 00:45:21.681: ms_create() Iniz ply_timer Mar 28 00:45:21.681: ccAssociateStream (callID=0x34 coder=5 vad=0 recordFunc=0x0 evQ=0x61BE4420) Mar 28 00:45:21.681: cc_api_call_associated (vdbPtr=0x61B9ADAC, callID=0x34, disp=0) Mar 28 00:45:21.681: ms_associateDone(): xmitFunc = playFunc 0x60B8B358 Mar 28 00:45:21.681: ms_associateDone(): CallID 52 First Buf Play at 6d07h of enter_pin.au Mar 28 00:45:21.681: ms_associateDone() 6d07h, Tstart(ply: iSndDly 1000, pSnce 0) Mar 28 00:45:22.681: \$ \$sms_process() >>ms_start_play() Mar 28 00:45:22.681: ms_start_play() 6d07h mgdTstop(ply) Mar 28 00:45:23.433: cc_api_call_digit_begin (vdbPtr=0x61B9ADAC, callID=0x34, digit=5, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar 28 00:45:23.433: pcapp CallID 52 event CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:23.533: cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=5, duration=150) digit=5 Mar 28 00:45:23.533: ms_stop_play() call 52 mgdTstop at 6d07h Mar 28 00:45:23.533: ms_stop_play(): Play Stopped at 6d07h Mar 28 00:45:23.533: ccDisassociateStream (callID=0x34) Mar 28 00:45:23.693: cc_api_call_digit_begin (vdbPtr=0x61B9ADAC, callID=0x34, digit=6, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar 28 00:45:23.693: pcapp CallID 52 event CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:23.793: cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=6, duration=150) digit=6 Mar 28 00:45:24.041: cc_api_call_digit_begin (vdbPtr=0x61B9ADAC, callID=0x34, digit=7, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar 28 00:45:24.045: pcapp CallID 52 event CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:24.121: cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=7, duration=130) digit=7 Mar 28 00:45:24.321: cc_api_call_digit_begin (vdbPtr=0x61B9ADAC, callID=0x34, digit=8, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar 28 00:45:24.325: pcapp CallID 52 event CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:24.421: cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=8, duration=150) digit=8 Mar 28 00:45:24.653: cc_api_call_digit_begin (vdbPtr=0x61B9ADAC, callID=0x34, digit=#, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar 28 00:45:24.653: pcapp CallID 52 event CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:24.741: cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=#, duration=140) digit=# Mar 28 00:45:24.745: pcapp CallID 52 returning PCAPP_MATCHED. string=5678 Mar 28 00:45:24.745: ccCallAppReturn (callID=0x34) Mar 28 00:45:24.745: ms_delete() invoking ms_stop_play() for just in case... Mar 28 00:45:24.745: ms_stop_play() call 52 mgdTstop at 6d07h Mar 28 00:45:24.745: ms_delete(): mc_delete_dynamicS() mc_delete_read() Mar 28 00:45:24.745: cid(52) ta_get_event returning collect success Mar 28 00:45:24.745: :[callID] Mar 28 00:45:24.745: :/puts/ Mar 28 00:45:24.745: cid(52) running state authenticate Mar 28 00:45:24.749: :[authenticate] Mar 28 00:45:24.749: authenticate Mar 28 00:45:24.749: account=1234 Mar 28 00:45:24.749: password=5678 Mar 28 00:45:24.749: start_authetication service: ivr tcl authentication Mar 28 00:45:24.749: AAA: parse name= idb type=-1 tty=-1 Mar 28 00:45:24.749: AAA/MEMORY: create_user (0x61B0354C) user='1234' ruser='' port='' rem_addr='' authen_type=ASCII service=LOGIN priv=0 Mar 28 00:45:24.749: AAA/AUTHEN/START (3238629809): port='' list='h323' action=LOGIN service=LOGIN Mar 28 00:45:24.749: AAA/AUTHEN/START (3238629809): found list h323 Mar 28 00:45:24.749: AAA/AUTHEN/START

(3238629809): Method=LOCAL Mar 28 00:45:24.749: AAA/AUTHEN (3238629809): status = GETPASS Mar 28 00:45:24.749: AAA/AUTHEN/CONT (3238629809): continue_login (user='1234') Mar 28 00:45:24.749: AAA/AUTHEN (3238629809): status = GETPASS Mar 28 00:45:24.749: AAA/AUTHEN/CONT (3238629809): Method=LOCAL Mar 28 00:45:24.749: AAA/AUTHEN (3238629809): status = PASS Mar 28 00:45:24.749: AAA/MEMORY: free_user (0x61B0354C) user='1234' ruser='' port='' rem_addr='' authn_type=ASCII service=LOGIN priv=0 Mar 28 00:45:24.749: cid(52) ta_get_event returning authenticated Mar 28 00:45:24.753: :[callID] Mar 28 00:45:24.753: :/puts/ Mar 28 00:45:24.753: cid(52) running state authn_pass Mar 28 00:45:24.753: :/dnis/ Mar 28 00:45:24.753: :/did/ Mar 28 00:45:24.757: :[callID] Mar 28 00:45:24.757: :/puts/ Mar 28 00:45:24.757: cid(52) running state get_dest Mar 28 00:45:24.757: ta_PromptCmd. CallID=52 Mar 28 00:45:24.757: ccCallApp (callID=0x34) Mar 28 00:45:24.757: prompt and collect app got callID 52 Mar 28 00:45:24.757: Playing prompt enter_destination.au Mar 28 00:45:24.757: Prompt interrupt enabled Mar 28 00:45:24.757: No return on play complete Mar 28 00:45:24.757: Matching against dial plan Mar 28 00:45:24.757: Abort key is * Termination key is # Mar 28 00:45:24.757: Matching against 0 patterns. Mar 28 00:45:24.757: ccCallSetContext (callID=0x34, context=0x61A3AAA4) Mar 28 00:45:24.761: ms_create() Iniz ply_timer Mar 28 00:45:24.761: ccAssociateStream (callID=0x34 coder=5 vad=0 recordFunc=0x0 evQ=0x61BE4420) Mar 28 00:45:24.761: cc_api_call_associated (vdbPtr=0x61B9ADAC, callID=0x34, disp=0) Mar 28 00:45:24.761: ms_associateDone(): xmitFunc = playFunc 0x60B8B358 Mar 28 00:45:24.761: ms_associateDone(): CallID 52 First Buf Play at 6d07h of enter_destination.au Mar 28 00:45:24.761: ms_associateDone() 6d07h, Tstart(ply: iSndDly 1000, pSnce 0) Mar 28 00:45:25.761: \$ \$ms_process() >>ms_start_play() Mar 28 00:45:25.761: ms_start_play() 6d07h mgdTstop(ply) Mar 28 00:45:29.393: cc_api_call_digit_begin (vdbPtr=0x61B9ADAC, callID=0x34, digit=6, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar 28 00:45:29.393: pcapp CallID 52 event CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:29.573: cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=6, duration=230) digit=6 Mar 28 00:45:29.573: ms_stop_play() call 52 mgdTstop at 6d07h Mar 28 00:45:29.573: ms_stop_play(): Play Stopped at 6d07h Mar 28 00:45:29.573: ccDisassociateStream (callID=0x34) Mar 28 00:45:29.801: cc_api_call_digit_begin (vdbPtr=0x61B9ADAC, callID=0x34, digit=4, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar 28 00:45:29.805: pcapp CallID 52 event CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:29.921: cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=4, duration=170) digit=4 Mar 28 00:45:30.181: cc_api_call_digit_begin (vdbPtr=0x61B9ADAC, callID=0x34, digit=0, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar 28 00:45:30.185: pcapp CallID 52 event CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:30.281: cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=0, duration=150) digit=0 Mar 28 00:45:30.533: cc_api_call_digit_begin (vdbPtr=0x61B9ADAC, callID=0x34, digit=0, flags=0x1, timestamp=0xDB1154A6, expiration=0x0) Mar 28 00:45:30.533: pcapp CallID 52 event CC_EV_CALL_DIGIT_BEGIN ignored Mar 28 00:45:30.673: cc_api_call_digit (vdbPtr=0x61B9ADAC, callID=0x34, digit=0, duration=190) digit=0 Mar 28 00:45:30.673: pcapp CallID 52 returning PCAPP_MATCHED. string=6400 Mar 28 00:45:30.673: ccCallAppReturn (callID=0x34) Mar 28 00:45:30.673: ms_delete() invoking ms_stop_play() for just in case... Mar 28 00:45:30.673: ms_stop_play() call 52 mgdTstop at 6d07h Mar 28 00:45:30.673: ms_delete(): mc_delete_dynamicS() mc_delete_read() Mar 28 00:45:30.673: cid(52) ta_get_event returning collect success Mar 28 00:45:30.677: :[callID] Mar 28 00:45:30.677: :/puts/ Mar 28 00:45:30.677: cid(52) running state place_call Mar 28 00:45:30.677: :[placeCall] Mar 28 00:45:30.677: Placing call for callID 52 to destination=6400 Mar 28 00:45:30.677: ccCallApp (callID=0x34) Mar 28 00:45:30.681: placecall CallID 52 got event CC_EV_CALL_HANDOFF Mar 28 00:45:30.681: ccCallSetContext (callID=0x34, context=0x61EBED14) Mar 28 00:45:30.681: Matched peers(1) Mar 28 00:45:30.681: placecall pc_setupPeer cid(52), destPat(4085556400), matched(10), prefix(), peer(61C088AC) Mar 28 00:45:30.681: ccCallSetupRequest (Inbound call = 0x34, outbound peer =2, dest=, params=0x61A650F8 mode=0, *callID=0x61BC6EF0) Mar 28 00:45:30.681: callingNumber=9195552010, calledNumber=4085556400, redirectNumber= Mar 28 00:45:30.681: accountNumber=1234, finalDestFlag=0, guid=lacb.27d8.98f4.006b.0000.0000.2071.a5e8 Mar 28 00:45:30.681: peer_tag=2 Mar 28 00:45:30.681: ccIFCallSetupRequest: (vdbPtr=0x6174EC64, dest=, callParams={called=4085556400, calling=9195552010, fdest=0, voice_peer_tag=2}, mode=0x0) Mar 28 00:45:30.681: ccCallSetContext (callID=0x35, context=0x61C72B0C) Mar 28 00:45:30.681: placecall cid(52) state change PC_CS_INIT to PC_CS_CALL_SETTING Mar 28 00:45:30.681: RASlib::ras_sendto: msg length 115 from 172.16.120.2:49831 to 172.16.120.1:1719 Mar 28 00:45:30.685: RASlib::RASsendARQ: ARQ (seq# 12165) sent to 172.16.120.1 Mar 28 00:45:30.685: start_h323_accounting: Mar 28 00:45:30.685: start_h323_ccapi_accounting: Error: Null userp Mar 28 00:45:30.689: RASlib::RASRecvData: successfully rcvd message of length 7 from 172.16.120.1:1719 Mar 28 00:45:30.689: RASlib::RASRecvData: RIP (seq# 12165) rcvd from [172.16.120.1:1719] on sock[6179E6A4] Mar 28 00:45:30.705: RASlib::RASRecvData: successfully rcvd message of length 24 from 172.16.120.1:1719 Mar 28 00:45:30.705: RASlib::RASRecvData: ACF (seq# 12165) rcvd from [172.16.120.1:1719] on sock [0x6179E6A4] Mar 28 00:45:31.713: cc_api_call_alert(vdbPtr=0x6174EC64, callID=0x35, prog_ind=0x8, sig_ind=0x1) Mar 28

00:45:31.713: placecall CallID 53 got event CC_EV_CALL_ALERT Mar 28 00:45:31.713:
ccConferenceCreate (confID=0x61BC6F40, callID1=0x34, callID2=0x35, tag=0x0) Mar 28 00:45:31.713:
cc_api_bridge_done (confID=0x14, srcIF=0x6174EC64, srcCallID=0x35, dstCallID=0x34,
disposition=0, tag=0x0) Mar 28 00:45:31.713: placecall cid(52) state change PC_CS_CALL_SETTING
to PC_CS_CONFERENCING_ALERT Mar 28 00:45:31.713: cc_api_bridge_done (confID=0x14,
srcIF=0x61B9ADAC, srcCallID=0x34, dstCallID=0x35, disposition=0, tag=0x0) Mar 28 00:45:31.713:
cc_api_caps_ind (dstVdbPtr=0x6174EC64, dstCallId=0x35, srcCallId=0x34, caps={codec=0xEBF7,
fax_rate=0xFF, vad=0x3, modem=0x3 codec_bytes=48, signal_type=2}) Mar 28 00:45:31.717: placecall
CallID 52 got event CC_EV_CONF_CREATE_DONE Mar 28 00:45:31.717: placecall cid(52) state change
PC_CS_CONFERENCING_ALERT to PC_CS_CONFERENCED_ALERT Mar 28 00:45:32.321: cc_api_caps_ind
(dstVdbPtr=0x61B9ADAC, dstCallId=0x34, srcCallId=0x35, caps={codec=0x4, fax_rate=0x2, vad=0x2,
modem=0x1 codec_bytes=20, signal_type=0}) Mar 28 00:45:32.321: cc_api_caps_ack
(dstVdbPtr=0x61B9ADAC, dstCallId=0x34, srcCallId=0x35, caps={codec=0x4, fax_rate=0x2, vad=0x2,
modem=0x1 codec_bytes=20, signal_type=0}) Mar 28 00:45:32.325: cc_api_caps_ack
(dstVdbPtr=0x6174EC64, dstCallId=0x35, srcCallId=0x34, caps={codec=0x4, fax_rate=0x2, vad=0x2,
modem=0x1 codec_bytes=20, signal_type=0}) Mar 28 00:45:35.745: RASlib::ras_sendto: msg length 76
from 172.16.120.2:49831 to 172.16.120.1:1719 Mar 28 00:45:35.745: RASlib::RASSendRRQ: RRQ (seq#
12166) sent to 172.16.120.1 Mar 28 00:45:35.749: RASlib::RASRecvData: successfully rcvd message
of length 52 from 172.16.120.1:1719 Mar 28 00:45:35.749: RASlib::RASRecvData: RCF (seq# 12166)
rcvd from [172.16.120.1:1719] on sock [0x6179E6A4] Mar 28 00:45:40.673: cc_api_call_digit
(vdbPtr=0x61B9ADAC, callID=0x34, digit=T, duration=0) Mar 28 00:45:40.673: placecall CallID 52
got event CC_EV_CALL_DIGIT Mar 28 00:45:43.845: cc_api_call_connected(vdbPtr=0x6174EC64,
callID=0x35) Mar 28 00:45:43.845: placecall CallID 53 got event CC_EV_CALL_CONNECTED Mar 28
00:45:43.845: placecall CallID 52 returning PLACECALL_ACTIVE. Mar 28 00:45:43.845:
ccCallAppReturn (callID=0x34) Mar 28 00:45:43.845: pCall(0x61B00C24), settlement_credit_time=0
Mar 28 00:45:43.845: ccCallSetContext (callID=0x35, context=0x61B00C24) Mar 28 00:45:43.845:
cid(52) ta_get_event returning active Mar 28 00:45:43.845: :[callID] Mar 28 00:45:43.845:
:/puts/ Mar 28 00:45:43.845: cid(52) running state active Mar 28 00:45:43.849:
:/creditTimeLeft/ Mar 28 00:45:43.849: :[waitEvent] Mar 28 00:45:43.849: Waiting Event for
callID 52 Mar 28 00:45:51.269: cc_api_call_disconnected(vdbPtr=0x6174EC64, callID=0x35,
cause=0x10) Mar 28 00:45:51.273: ccConferenceDestroy (confID=0x14, tag=0x0) Mar 28 00:45:51.273:
cc_api_bridge_drop_done (confID=0x14, srcIF=0x6174EC64, srcCallID=0x35, dstCallID=0x34,
disposition=0 tag=0x0) Mar 28 00:45:51.273: cc_api_bridge_drop_done (confID=0x14,
srcIF=0x61B9ADAC, srcCallID=0x34, dstCallID=0x35, disposition=0 tag=0x0) Mar 28 00:45:51.273:
ccCallDisconnect (callID=0x35, cause=0x10 tag=0x0) Mar 28 00:45:51.273: RASlib::ras_sendto: msg
length 76 from 172.16.120.2:49831 to 172.16.120.1:1719 Mar 28 00:45:51.273: RASlib::RASSendDRQ:
DRQ (seq# 12167) sent to 172.16.120.1 Mar 28 00:45:51.277: RASlib::RASRecvData: successfully
rcvd message of length 3 from 172.16.120.1:1719 Mar 28 00:45:51.277: RASlib::RASRecvData: DCF
(seq# 12167) rcvd from [172.16.120.1:1719] on sock [0x6179E6A4] Mar 28 00:45:51.277:
stop_h323_ccapi_accounting: Error: Null userp Mar 28 00:45:51.281:
cc_api_call_disconnect_done(vdbPtr=0x6174EC64, callID=0x35, disp=0, tag=0x0) Mar 28
00:45:51.281: cid(53) outgoing disconnected Mar 28 00:45:51.281: cid(52) ta_get_event returning
outgoing disconnected Mar 28 00:45:51.281: ta_WaitEventCmd(): ta_get_event(event [outgoing
disconnected]) Mar 28 00:45:51.281: TCL script eval for callID 52 completed. code=OK Mar 28
00:45:51.281: ccCallDisconnect (callID=0x34, cause=0x10 tag=0x0) Mar 28 00:45:51.297:
stop_h323_ccapi_accounting: Error: Null userp Mar 28 00:45:51.297:
cc_api_call_disconnect_done(vdbPtr=0x61B9ADAC, callID=0x34, disp=0, tag=0x0) Mar 28
00:45:51.305: %ISDN-6-DISCONNECT: Interface Serial0:18 disconnected from 9195552010 , call
lasted 32 seconds Mar 28 00:45:51.305: ISDN Se0:23: TX -> DISCONNECT pd = 8 callref = 0x8002 Mar
28 00:45:51.305: Cause i = 0x8090 - Normal call clearing Mar 28 00:45:51.353: ISDN Se0:23: RX <-
RELEASE pd = 8 callref = 0x02 Mar 28 00:45:51.353: ISDN Se0:23: TX -> RELEASE_COMP pd = 8
callref = 0x8002 Mar 28 00:45:51.365: %LINK-3-UPDOWN: Interface Serial0:18, changed state to
down Mar 28 00:46:20.748: RASlib::ras_sendto: msg length 76 from 172.16.120.2:49831 to
172.16.120.1:1719 Mar 28 00:46:20.748: RASlib::RASSendRRQ: RRQ (seq# 12168) sent to 172.16.120.1
Mar 28 00:46:20.752: RASlib::RASRecvData: successfully rcvd message of length 52 from
172.16.120.1:1719 Mar 28 00:46:20.752: RASlib::RASRecvData: RCF (seq# 12168) rcvd from
[172.16.120.1:1719] on sock [0x6179E6A4] Raleigh5300A# Raleigh5300A# Raleigh5300A#**show call
active voice** GENERIC: SetupTime=54456184 ms Index=1 PeerAddress=9195552010 PeerSubAddress=
PeerId=1 PeerIfIndex=56 LogicalIfIndex=26 ConnectTime=54456185 CallDuration=00:00:44 CallState=4
CallOrigin=2 ChargedUnits=0 InfoType=2 TransmitPackets=1475 TransmitBytes=75244
ReceivePackets=318 ReceiveBytes=10176 TELE: ConnectionId=[0x1ACB27D8 0x98F4006F 0x0 0x20755AB8]
TxDuration=29800 ms VoiceTxDuration=6360 ms FaxTxDuration=0 ms CoderTypeRate=g729r8 NoiseLevel=-
55 ACOMLevel=0 OutSignalLevel=-42 InSignalLevel=-56 InfoActivity=2 ERLLevel=15 SessionTarget=

ImgPages=0 GENERIC: SetupTime=54457502 ms Index=1 PeerAddress=4085556400 PeerSubAddress=
PeerID=2 PeerIfIndex=57 LogicalIfIndex=0 ConnectTime=54458807 CallDuration=00:00:18 CallState=4
CallOrigin=1 ChargedUnits=0 InfoType=2 TransmitPackets=318 TransmitBytes=6360
ReceivePackets=1121 ReceiveBytes=22420 VOIP: ConnectionId[0x1ACB27D8 0x98F4006F 0x0 0x20755AB8]
RemoteIPAddress=172.16.110.2 RemoteUDPPort=17942 RoundTripDelay=2 ms SelectedQoS=best-effort
tx_DtmfRelay=inband-voice SessionProtocol=cisco SessionTarget=ras OnTimeRvPayout=15900
GapFillWithSilence=0 ms GapFillWithPrediction=0 ms GapFillWithInterpolation=0 ms
GapFillWithRedundancy=0 ms HiWaterPayoutDelay=70 ms LoWaterPayoutDelay=50 ms ReceiveDelay=50
ms LostPackets=0 EarlyPackets=0 LatePackets=0 VAD = enabled CoderTypeRate=g729r8 CodecBytes=20
SignalingType=cas Raleigh5300A# Raleigh5300A#**show call active voice brief** <ID>: <start>hs.<index>
+<connect> pid:<peer_id> <dir> <addr> <state> dur hh:mm:ss tx:<packets>/<bytes>
rx:<packets>/<bytes> <state> IP <ip>:<udp> rtt:<time>ms pl:<play>/<gap>ms
lost:<lost>/<early>/<late> delay:<last>/<min>/<max>ms <codec> FR
<protocol><y/n><y/n><y/n><on/off> [int dlci cid] vad: dtmf: seq: sig: <codec> (payload size)
Tele <int>: tx:<tot>/<v>/<fax>ms <codec> noise:<l> acom:<l> i/o:<l>/<l> dBm 6F : 54456184hs.1 +1
pid:1 Answer 9195552010 active dur 00:00:40 tx:1279/73076 rx:172/5504 Tele 0:D:54:
tx:25890/3440/0ms g729r8 noise:-55 acom:0 i/o:-55/-41 dBm 6F : 54457502hs.1 +1305 pid:2
Originate 4085556400 active dur 00:00:14 tx:172/3440 rx:925/18500 IP 172.16.110.2:17942 rtt:2ms
pl:15900/0ms lost:0/0/0 delay:50/50/70ms g729r8

Sortie SanJose5300A

SanJose5300A#**show gateway** Gateway SJ5300A@cisco.com is registered to Gatekeeper SJgk1 Alias list
(CLI configured) H323-ID SJ5300A@cisco.com Alias list (last RCF) H323-ID SJ5300A@cisco.com H323
resource thresholding is Disabled SanJose5300A#**show log** Syslog logging: enabled (0 messages
dropped, 0 flushes, 0 overruns) Console logging: level debugging, 1787 messages logged Monitor
logging: level debugging, 0 messages logged Buffer logging: level debugging, 1787 messages
logged Trap logging: level informational, 97 message lines logged Log Buffer (50000 bytes): Mar
28 00:45:25.585: RASLib::ras_sendto: msg length 74 from 172.16.110.2:52521 to 172.16.110.1:1719
Mar 28 00:45:25.585: RASLib::RASSendRRQ: RRQ (seq# 12137) sent to 172.16.110.1 Mar 28
00:45:25.589: RASLib::RASRecvData: successfully rcvd message of length 52 from 172.16.110.1:1719
Mar 28 00:45:25.589: RASLib::RASRecvData: RCF (seq# 12137) rcvd from [172.16.110.1:1719] on sock
[0x61752218] Mar 28 00:45:30.705: RASLib::ras_sendto: msg length 122 from 172.16.110.2:52521 to
172.16.110.1:1719 Mar 28 00:45:30.705: RASLib::RASSendARQ: ARQ (seq# 12138) sent to 172.16.110.1
Mar 28 00:45:30.709: RASLib::RASRecvData: successfully rcvd message of length 24 from
172.16.110.1:1719 Mar 28 00:45:30.713: RASLib::RASRecvData: ACF (seq# 12138) rcvd from
[172.16.110.1:1719] on sock [0x61752218] Mar 28 00:45:30.713: cc_api_call_setup_ind
(vdbPtr=0x616F8D2C, callInfo={called=408#4085556400, calling=9195552010, fdest=1 peer_tag=2},
callID=0x6199B54C) Mar 28 00:45:30.713: cc_process_call_setup_ind (event=0x619B2D6C) handed call
to app "SESSION" Mar 28 00:45:30.713: sess_appl: ev(23=CC_EV_CALL_SETUP_IND), cid(39), disp(0)
Mar 28 00:45:30.713: ccCallSetContext (callID=0x27, context=0x61A60F64) Mar 28 00:45:30.713:
ssaCallSetupInd finalDest cllng(9195552010), cllcd(408#4085556400) Mar 28 00:45:30.713:
ssaSetupPeer cid(39) peer list: tag(1) called number (408#4085556400) Mar 28 00:45:30.713:
ssaSetupPeer cid(39), destPat(408#4085556400), matched(11), prefix(6), peer(61A03B88) Mar 28
00:45:30.713: ccCallProceeding (callID=0x27, prog_ind=0x0) Mar 28 00:45:30.713:
ccCallSetupRequest (Inbound call = 0x27, outbound peer =1, dest=, params=0x61A60F78 mode=0,
*callID=0x619BB9F0) Mar 28 00:45:30.713: callingNumber=9195552010, calledNumber=408#4085556400,
redirectNumber= Mar 28 00:45:30.713: accountNumber=, finalDestFlag=1,
guid=1acb.27d8.98f4.006b.0000.0000.2071.a5e8 Mar 28 00:45:30.713: peer_tag=1 Mar 28
00:45:30.713: ccIFCallSetupRequest: (vdbPtr=0x619AC884, dest=,
callParams={called=408#4085556400, calling=9195552010, fdest=1, voice_peer_tag=1}, mode=0x0) Mar
28 00:45:30.717: ccCallSetContext (callID=0x28, context=0x6194F3AC) Mar 28 00:45:30.717:
cc_api_call_proceeding(vdbPtr=0x619AC884, callID=0x28, prog_ind=0x0) Mar 28 00:45:30.717:
sess_appl: ev(20=CC_EV_CALL_PROCEEDING), cid(40), disp(0) Mar 28 00:45:30.717: ssaTraceSct:
cid(40)st(1)oldst(0)cfid(-1)csize(0) in(0)fDest(0)-cid2(39)st2(1)oldst2(0) Mar 28 00:45:30.717:
ssaIgnore cid(40), st(1),oldst(1), ev(20) Mar 28 00:45:31.701:
cc_api_call_alert(vdbPtr=0x619AC884, callID=0x28, prog_ind=0x8, sig_ind=0x1) Mar 28
00:45:31.701: sess_appl: ev(7=CC_EV_CALL_ALERT), cid(40), disp(0) Mar 28 00:45:31.701:
ssaTraceSct: cid(40)st(1)oldst(1)cfid(-1)csize(0) in(0)fDest(0)-cid2(39)st2(1)oldst2(0) Mar 28
00:45:31.701: ccCallAlert (callID=0x27, prog_ind=0x8, sig_ind=0x1) Mar 28 00:45:31.701:
ccConferenceCreate (confID=0x619BBA38, callID1=0x27, callID2=0x28, tag=0x0) Mar 28 00:45:31.701:
cc_api_bridge_done (confID=0x14, srcIF=0x616F8D2C, srcCallID=0x27, dstCallID=0x28,
disposition=0, tag=0x0) Mar 28 00:45:31.705: cc_api_bridge_done (confID=0x14, srcIF=0x619AC884,

srcCallID=0x28, dstCallID=0x27, disposition=0, tag=0x0) Mar 28 00:45:31.705: cc_api_caps_ind (dstVdbPtr=0x616F8D2C, dstCallId=0x27, srcCallId=0x28, caps={codec=0xEBF7, fax_rate=0xFF, vad=0x3, modem=0x3 codec_bytes=1637472312, signal_type=2}) Mar 28 00:45:31.705: sess_appl: ev(28=CC_EV_CONF_CREATE_DONE), cid(39), disp(0) Mar 28 00:45:31.705: ssaTraceSct: cid(39)st(3)oldst(0)cfid(20)csize(0) in(1)fDest(1)-cid2(40)st2(3)oldst2(1) Mar 28 00:45:32.517: cc_api_caps_ind (dstVdbPtr=0x619AC884, dstCallId=0x28, srcCallId=0x27, caps={codec=0x4, fax_rate=0x2, vad=0x2, modem=0x1 codec_bytes=20, signal_type=0}) Mar 28 00:45:32.517: cc_api_caps_ack (dstVdbPtr=0x619AC884, dstCallId=0x28, srcCallId=0x27, caps={codec=0x4, fax_rate=0x2, vad=0x2, modem=0x1 codec_bytes=20, signal_type=0}) Mar 28 00:45:32.521: cc_api_caps_ack (dstVdbPtr=0x616F8D2C, dstCallId=0x27, srcCallId=0x28, caps={codec=0x4, fax_rate=0x2, vad=0x2, modem=0x1 codec_bytes=20, signal_type=0}) Mar 28 00:45:43.834: cc_api_call_connected(vdbPtr=0x619AC884, callID=0x28) Mar 28 00:45:43.834: sess_appl: ev(8=CC_EV_CALL_CONNECTED), cid(40), disp(0) Mar 28 00:45:43.834: ssaTraceSct: cid(40)st(4)oldst(1)cfid(20)csize(0) in(0)fDest(0)-cid2(39)st2(4)oldst2(3) Mar 28 00:45:43.834: ccCallConnect (callID=0x27) Mar 28 00:45:43.834: ssaFlushPeerTagQueue cid(39) peer list: (empty) Mar 28 00:45:51.258: cc_api_call_disconnected(vdbPtr=0x619AC884, callID=0x28, cause=0x10) Mar 28 00:45:51.258: sess_appl: ev(12=CC_EV_CALL_DISCONNECTED), cid(40), disp(0) Mar 28 00:45:51.258: ssaTraceSct: cid(40)st(5)oldst(4)cfid(20)csize(0) in(0)fDest(0)-cid2(39)st2(5)oldst2(3) Mar 28 00:45:51.258: ssa: Disconnected cid(40) state(5) cause(0x10) Mar 28 00:45:51.258: ccConferenceDestroy (confID=0x14, tag=0x0) Mar 28 00:45:51.258: cc_api_bridge_drop_done (confID=0x14, srcIF=0x616F8D2C, srcCallID=0x27, dstCallID=0x28, disposition=0 tag=0x0) Mar 28 00:45:51.258: cc_api_bridge_drop_done (confID=0x14, srcIF=0x619AC884, srcCallID=0x28, dstCallID=0x27, disposition=0 tag=0x0) Mar 28 00:45:51.258: sess_appl: ev(29=CC_EV_CONF_DESTROY_DONE), cid(39), disp(0) Mar 28 00:45:51.258: ssaTraceSct: cid(39)st(6)oldst(3)cfid(20)csize(0) in(1)fDest(1)-cid2(40)st2(6)oldst2(5) Mar 28 00:45:51.258: ccCallDisconnect (callID=0x27, cause=0x10 tag=0x0) Mar 28 00:45:51.258: ccCallDisconnect (callID=0x28, cause=0x10 tag=0x0) Mar 28 00:45:51.262: RASLib::ras_sendto: msg length 76 from 172.16.110.2:52521 to 172.16.110.1:1719 Mar 28 00:45:51.262: RASLib::RASSendDRQ: DRQ (seq# 12139) sent to 172.16.110.1 Mar 28 00:45:51.266: RASLib::RASRecvData: successfully rcvd message of length 3 from 172.16.110.1:1719 Mar 28 00:45:51.266: RASLib::RASRecvData: DCF (seq# 12139) rcvd from [172.16.110.1:1719] on sock [0x61752218] Mar 28 00:45:51.266: cc_api_call_disconnect_done(vdbPtr=0x0, callID=0x27, disp=0, tag=0x0) Mar 28 00:45:51.270: sess_appl: ev(13=CC_EV_CALL_DISCONNECT_DONE), cid(39), disp(0) Mar 28 00:45:51.270: ssaTraceSct: cid(39)st(7)oldst(6)cfid(-1)csize(0) in(1)fDest(1)-cid2(40)st2(7)oldst2(5) Mar 28 00:45:51.278: cc_api_call_disconnect_done(vdbPtr=0x619AC884, callID=0x28, disp=0, tag=0x61726DDC) Mar 28 00:45:51.278: sess_appl: ev(13=CC_EV_CALL_DISCONNECT_DONE), cid(40), disp(0) Mar 28 00:45:51.278: ssaTraceSct: cid(40)st(7)oldst(5)cfid(-1)csize(1)in(0)fDest(0) Mar 28 00:46:10.590: RASLib::ras_sendto: msg length 74 from 172.16.110.2:52521 to 172.16.110.1:1719 Mar 28 00:46:10.590: RASLib::RASSendRRQ: RRQ (seq# 12140) sent to 172.16.110.1 Mar 28 00:46:10.594: RASLib::RASRecvData: successfully rcvd message of length 52 from 172.16.110.1:1719 Mar 28 00:46:10.594: RASLib::RASRecvData: RCF (seq# 12140) rcvd from [172.16.110.1:1719] on sock [0x61752218] Mar 28 00:46:55.595: RASLib::ras_sendto: msg length 74 from 172.16.110.2:52521 to 172.16.110.1:1719 Mar 28 00:46:55.595: RASLib::RASSendRRQ: RRQ (seq# 12141) sent to 172.16.110.1 Mar 28 00:46:55.599: RASLib::RASRecvData: successfully rcvd message of length 52 from 172.16.110.1:1719 Mar 28 00:46:55.599: RASLib::RASRecvData: RCF (seq# 12141) rcvd from [172.16.110.1:1719] on sock [0x61752218] Mar 28 00:47:40.600: RASLib::ras_sendto: msg length 74 from 172.16.110.2:52521 to 172.16.110.1:1719 Mar 28 00:47:40.600: RASLib::RASSendRRQ: RRQ (seq# 12142) sent to 172.16.110.1 Mar 28 00:47:40.604: RASLib::RASRecvData: successfully rcvd message of length 52 from 172.16.110.1:1719 Mar 28 00:47:40.604: RASLib::RASRecvData: RCF (seq# 12142) rcvd from [172.16.110.1:1719] on sock [0x61752218] Mar 28 00:48:25.604: RASLib::ras_sendto: msg length 74 from 172.16.110.2:52521 to 172.16.110.1:1719 Mar 28 00:48:25.604: RASLib::RASSendRRQ: RRQ (seq# 12143) sent to 172.16.110.1 Mar 28 00:48:25.608: RASLib::RASRecvData: successfully rcvd message of length 52 from 172.16.110.1:1719 Mar 28 00:48:25.608: RASLib::RASRecvData: RCF (seq# 12143) rcvd from [172.16.110.1:1719] on sock [0x61752218] SanJose5300A# SanJose5300A# SanJose5300A#
SanJose5300A#**show call active voice brief** <ID>: <start>hs.<index> +<connect> pid:<peer_id> <dir> <addr> <state> dur hh:mm:ss tx:<packets>/<bytes> rx:<packets>/<bytes> <state> IP <ip>:<udp> rtt:<time>ms pl:<play>/<gap>ms lost:<lost>/<early>/<late> delay:<last>/<min>/<max>ms <codec> FR <protocol><y/n><y/n><y/n><on/off> [int dlci cid] vad: dtmf: seq: sig: <codec> (payload size) Tele <int>: tx:<tot>/<v>/<fax>ms <codec> noise:<l> acom:<l> i/o:<l>/<l> dBm 6F : 54422877hs.1 +1301 pid:2 Answer 9195552010 active dur 00:00:38 tx:2122/42440 rx:836/16720 IP 172.16.120.2:16938 rtt:2ms pl:16720/0ms lost:0/0/0 delay:30/30/70ms g729r8 6F : 54422895hs.1 +1283 pid:1 Originate 408#4085556400 active dur 00:00:38 tx:836/-8996 rx:2143/68576 Tele 0:1

```
(42): tx:50050/42860/0ms g729r8 noise:-66 acom:0 i/0:-40/-71 dBm SanJose5300A#show call actvice
voice GENERIC: SetupTime=54422877 ms Index=1 PeerAddress=9195552010 PeerSubAddress= PeerId=2
PeerIfIndex=17 LogicalIfIndex=0 ConnectTime=54424178 CallDuration=00:00:44 CallState=4
CallOrigin=2 ChargedUnits=0 InfoType=2 TransmitPackets=2414 TransmitBytes=48280
ReceivePackets=836 ReceiveBytes=16720 VOIP: ConnectionId[0x1ACB27D8 0x98F4006F 0x0 0x20755AB8]
RemoteIPAddress=172.16.120.2 RemoteUDPPort=16938 RoundTripDelay=2 ms SelectedQoS=best-effort
tx_DtmfRelay=inband-voice SessionProtocol=cisco SessionTarget= OnTimeRvPlayout=16720
GapFillWithSilence=0 ms GapFillWithPrediction=0 ms GapFillWithInterpolation=0 ms
GapFillWithRedundancy=0 ms HiWaterPlayoutDelay=70 ms LoWaterPlayoutDelay=30 ms ReceiveDelay=30
ms LostPackets=0 EarlyPackets=0 LatePackets=0 VAD = enabled CoderTypeRate=g729r8 CodecBytes=20
SignalingType=cas GENERIC: SetupTime=54422895 ms Index=1 PeerAddress=408#4085556400
PeerSubAddress= PeerId=1 PeerIfIndex=16 LogicalIfIndex=13 ConnectTime=54424178
CallDuration=00:00:44 CallState=4 CallOrigin=1 ChargedUnits=0 InfoType=2 TransmitPackets=836
TransmitBytes=-12488 ReceivePackets=2434 ReceiveBytes=77888 TELE: ConnectionId=[0x1ACB27D8
0x98F4006F 0x0 0x20755AB8] TxDuration=55880 ms VoiceTxDuration=48690 ms FaxTxDuration=0 ms
CoderTypeRate=g729r8 NoiseLevel=-66 ACOMLevel=0 OutSignalLevel=-70 InSignalLevel=-42
InfoActivity=2 ERLLevel=15 SessionTarget= ImgPages=0 SanJose5300A#
```

Sortie Raleigh3600A

```
Raleigh3640A#show debug H.323 RAS: H.323 RAS Messages debugging is on Raleigh3640A#und all
Raleigh3640A#show gatekeeper endpoint GATEKEEPER ENDPOINT REGISTRATION
===== CallSignalAddr Port RASSignalAddr Port Zone Name Type F -----
-----
RALgk1 VOIP-GW H323-ID: RAL5300A@cisco.com Total number of active registrations = 1
Raleigh3640A#show gatekeeper gw-type-prefix GATEWAY TYPE PREFIX TABLE =====
Prefix: 408#* Prefix: 919#* Zone RALgk1 master gateway list: 172.16.120.2:1720 RAL5300A
Raleigh3640A#show log Syslog logging: enabled (0 messages dropped, 0 flushes, 0 overruns)
Console logging: level debugging, 277 messages logged Monitor logging: level debugging, 0
messages logged Buffer logging: level debugging, 277 messages logged Trap logging: level
informational, 107 message lines logged Log Buffer (50000 bytes): Mar 28 00:44:50.742:
RASLib::RASRecvData: successfully rcvd message of length 76 from 172.16.120.2:49831 Mar 28
00:44:50.742: RASLib::RASRecvData: RRQ (seq# 12164) rcvd from [172.16.120.2:49831] on sock
[0x60F2F9A0] Mar 28 00:44:50.746: RASLib::ras_sendto: msg length 52 from 172.16.120.1:1719 to
172.16.120.2:49831 Mar 28 00:44:50.746: RASLib::RASSendRCF: RCF (seq# 12164) sent to
172.16.120.2 Mar 28 00:45:30.682: RASLib::RASRecvData: successfully rcvd message of length 115
from 172.16.120.2:49831 Mar 28 00:45:30.686: RASLib::RASRecvData: ARQ (seq# 12165) rcvd from
[172.16.120.2:49831] on sock [0x60F2F9A0] RASLib::parse_arq_nonstd: ARQ Nonstd decode succeeded,
remlen = 0 Mar 28 00:45:30.686: RASLib::ras_sendto: msg length 7 from 172.16.120.1:1719 to
172.16.120.2:49831 Mar 28 00:45:30.686: RASLib::RASSendRIP: RIP (seq# 12165) sent to
172.16.120.2 Mar 28 00:45:30.686: RASLib::RAS_WK_TInit: ipsock [0x60F0ED1C] setup successful Mar
28 00:45:30.690: RASLib::ras_sendto: msg length 79 from 172.16.120.1:55415 to 172.16.110.1:1719
Mar 28 00:45:30.690: RASLib::RASSendLRQ: LRQ (seq# 28) sent to 172.16.110.1 Mar 28 00:45:30.698:
RASLib::RASRecvData: successfully rcvd message of length 128 from 172.16.110.1:1719 Mar 28
00:45:30.698: RASLib::RASRecvData: LCF (seq# 28) rcvd from [172.16.110.1:1719] on sock
[0x60F0ED1C] RASLib::parse_lcf_nonstd: LCF Nonstd decode succeeded, remlen = 0 Mar 28
00:45:30.702: RASLib::ras_sendto: msg length 24 from 172.16.120.1:1719 to 172.16.120.2:49831 Mar
28 00:45:30.702: RASLib::RASSendACF: ACF (seq# 12165) sent to 172.16.120.2 Mar 28 00:45:35.746:
RASLib::RASRecvData: successfully rcvd message of length 76 from 172.16.120.2:49831 Mar 28
00:45:35.746: RASLib::RASRecvData: RRQ (seq# 12166) rcvd from [172.16.120.2:49831] on sock
[0x60F2F9A0] Mar 28 00:45:35.750: RASLib::ras_sendto: msg length 52 from 172.16.120.1:1719 to
172.16.120.2:49831 Mar 28 00:45:35.750: RASLib::RASSendRCF: RCF (seq# 12166) sent to
172.16.120.2 Mar 28 00:45:51.274: RASLib::RASRecvData: successfully rcvd message of length 76
from 172.16.120.2:49831 Mar 28 00:45:51.274: RASLib::RASRecvData: DRQ (seq# 12167) rcvd from
[172.16.120.2:49831] on sock [0x60F2F9A0] Mar 28 00:45:51.274: RASLib::ras_sendto: msg length 3
from 172.16.120.1:1719 to 172.16.120.2:49831 Mar 28 00:45:51.278: RASLib::RASSendDCF: DCF (seq#
12167) sent to 172.16.120.2 Mar 28 00:46:20.750: RASLib::RASRecvData: successfully rcvd message
of length 76 from 172.16.120.2:49831 Mar 28 00:46:20.750: RASLib::RASRecvData: RRQ (seq# 12168)
rcvd from [172.16.120.2:49831] on sock [0x60F2F9A0] Mar 28 00:46:20.750: RASLib::ras_sendto: msg
length 52 from 172.16.120.1:1719 to 172.16.120.2:49831 Mar 28 00:46:20.754: RASLib::RASSendRCF:
RCF (seq# 12168) sent to 172.16.120.2 Mar 28 00:47:05.750: RASLib::RASRecvData: successfully
rcvd message of length 76 from 172.16.120.2:49831 Mar 28 00:47:05.754: RASLib::RASRecvData: RRQ
(seq# 12169) rcvd from [172.16.120.2:49831] on sock [0x60F2F9A0] Mar 28 00:47:05.754:
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RASlib::ras_sendto: msg length 52 from 172.16.120.1:1719 to 172.16.120.2:49831 Mar 28 00:47:05.758: RASLib::RASSendRCF: RCF (seq# 12169) sent to 172.16.120.2 Mar 28 00:47:50.754: RASLib::RASRecvData: successfully rcvd message of length 76 from 172.16.120.2:49831 Mar 28 00:47:50.758: RASLib::RASRecvData: RRQ (seq# 12170) rcvd from [172.16.120.2:49831] on sock [0x60F2F9A0] Mar 28 00:47:50.758: RASlib::ras_sendto: msg length 52 from 172.16.120.1:1719 to 172.16.120.2:49831 Mar 28 00:47:50.758: RASLib::RASSendRCF: RCF (seq# 12170) sent to 172.16.120.2 Raleigh3640A# Raleigh3640A# Raleigh3640A#**show gatekeeper call** Total number of active calls = 1. GATEKEEPER CALL INFO ===== LocalCallID Age(secs) BW 24-6872 45 64(Kbps) Endpt(s): Alias E.164Addr CallSignalAddr Port RASSignalAddr Port src EP: RAL5300A 9195552010 172.16.120.2 1720 172.16.120.2 49831 dst EP: 408#408555640 172.16.110.2 1720 172.16.110.2 1720 Raleigh3640A#

Sortie SanJose3640A

SanJose3640A#**show debug** H.323 RAS: H.323 RAS Messages debugging is on SanJose3640A#**show gatekeeper endpoint** GATEKEEPER ENDPOINT REGISTRATION ===== CallSignalAddr Port RASSignalAddr Port Zone Name Type F ----- -- 172.16.110.2 1720 172.16.110.2 52521 SJgkl VOIP-GW H323-ID: SJ5300A@cisco.com Total number of active registrations = 1 SanJose3640A#**show gatekeeper gw-type-prefix** GATEWAY TYPE PREFIX TABLE ===== Prefix: 919#* Prefix: 408#* Zone SJgkl master gateway list: 172.16.110.2:1720 SJ5300A SanJose3640A#**show log** Syslog logging: enabled (0 messages dropped, 0 flushes, 0 overruns) Console logging: level debugging, 1301 messages logged Monitor logging: level debugging, 0 messages logged Buffer logging: level debugging, 1293 messages logged Trap logging: level informational, 103 message lines logged Log Buffer (50000 bytes): Mar 28 00:45:25.592: RASLib::RASRecvData: successfully rcvd message of length 74 from 172.16.110.2:52521 Mar 28 00:45:25.592: RASLib::RASRecvData: RRQ (seq# 12137) rcvd from [172.16.110.2:52521] on sock [0x60FE9B04] Mar 28 00:45:25.596: RASlib::ras_sendto: msg length 52 from 172.16.110.1:1719 to 172.16.110.2:52521 Mar 28 00:45:25.596: RASLib::RASSendRCF: RCF (seq# 12137) sent to 172.16.110.2 Mar 28 00:45:30.692: RASLib::RASRecvData: successfully rcvd message of length 79 from 172.16.120.1:55415 Mar 28 00:45:30.692: RASLib::RASRecvData: LRQ (seq# 28) rcvd from [172.16.120.1:55415] on sock [0x60FE9B04] RASLib::parse_lrq_nonstd: LRQ Nonstd decode succeeded, remlen = 0 Mar 28 00:45:30.696: RASlib::ras_sendto: msg length 128 from 172.16.110.1:1719 to 172.16.120.1:55415 Mar 28 00:45:30.696: RASLib::RASSendLCF: LCF (seq# 28) sent to 172.16.120.1 Mar 28 00:45:30.712: RASLib::RASRecvData: successfully rcvd message of length 122 from 172.16.110.2:52521 Mar 28 00:45:30.712: RASLib::RASRecvData: ARQ (seq# 12138) rcvd from [172.16.110.2:52521] on sock [0x60FE9B04] RASLib::parse_arq_nonstd: ARQ Nonstd decode succeeded, remlen = 0 Mar 28 00:45:30.716: RASlib::ras_sendto: msg length 24 from 172.16.110.1:1719 to 172.16.110.2:52521 Mar 28 00:45:30.716: RASLib::RASSendACF: ACF (seq# 12138) sent to 172.16.110.2 Mar 28 00:45:51.268: RASLib::RASRecvData: successfully rcvd message of length 76 from 172.16.110.2:52521 Mar 28 00:45:51.268: RASLib::RASRecvData: DRQ (seq# 12139) rcvd from [172.16.110.2:52521] on sock [0x60FE9B04] Mar 28 00:45:51.268: RASlib::ras_sendto: msg length 3 from 172.16.110.1:1719 to 172.16.110.2:52521 Mar 28 00:45:51.268: RASLib::RASSendDCF: DCF (seq# 12139) sent to 172.16.110.2 Mar 28 00:46:10.596: RASLib::RASRecvData: successfully rcvd message of length 74 from 172.16.110.2:52521 Mar 28 00:46:10.596: RASLib::RASRecvData: RRQ (seq# 12140) rcvd from [172.16.110.2:52521] on sock [0x60FE9B04] Mar 28 00:46:10.600: RASlib::ras_sendto: msg length 52 from 172.16.110.1:1719 to 172.16.110.2:52521 Mar 28 00:46:10.600: RASLib::RASSendRCF: RCF (seq# 12140) sent to 172.16.110.2 Mar 28 00:46:55.600: RASLib::RASRecvData: successfully rcvd message of length 74 from 172.16.110.2:52521 Mar 28 00:46:55.600: RASLib::RASRecvData: RRQ (seq# 12141) rcvd from [172.16.110.2:52521] on sock [0x60FE9B04] Mar 28 00:46:55.604: RASlib::ras_sendto: msg length 52 from 172.16.110.1:1719 to 172.16.110.2:52521 Mar 28 00:46:55.604: RASLib::RASSendRCF: RCF (seq# 12141) sent to 172.16.110.2 Mar 28 00:47:40.604: RASLib::RASRecvData: successfully rcvd message of length 74 from 172.16.110.2:52521 Mar 28 00:47:40.608: RASLib::RASRecvData: RRQ (seq# 12142) rcvd from [172.16.110.2:52521] on sock [0x60FE9B04] Mar 28 00:47:40.608: RASlib::ras_sendto: msg length 52 from 172.16.110.1:1719 to 172.16.110.2:52521 Mar 28 00:47:40.608: RASLib::RASSendRCF: RCF (seq# 12142) sent to 172.16.110.2 Mar 28 00:48:25.608: RASLib::RASRecvData: successfully rcvd message of length 74 from 172.16.110.2:52521 Mar 28 00:48:25.612: RASLib::RASRecvData: RRQ (seq# 12143) rcvd from [172.16.110.2:52521] on sock [0x60FE9B04] Mar 28 00:48:25.612: RASlib::ras_sendto: msg length 52 from 172.16.110.1:1719 to 172.16.110.2:52521 Mar 28 00:48:25.612: RASLib::RASSendRCF: RCF (seq# 12143) sent to 172.16.110.2 SanJose3640A# SanJose3640A# SanJose3640A#**show gatekeeper calls** Total number of active calls = 1. GATEKEEPER CALL INFO ===== LocalCallID Age(secs) BW 21-6872 63 64(Kbps) Endpt(s): Alias E.164Addr CallSignalAddr Port RASSignalAddr Port src EP: 9195552010 dst EP: SJ5300A 408#408555640 172.16.110.2 1720 172.16.110.2 52521

Dépannez

Cette section fournit les informations pour dépanner votre configuration.

Dépannage des commandes

L'[Outil Interpréteur de sortie](#) (clients [enregistrés](#) uniquement) (OIT) prend en charge certaines commandes **show**. Utilisez l'OIT pour afficher une analyse de la sortie de la commande **show**.

Remarque: Reportez-vous à [Informations importantes sur les commandes de débogage](#) avant d'émettre des commandes **debug**.

- [debug voip aaa](#) - Permet à des messages d'élimination des imperfections pour que l'AAA de passerelle soit sorti à la console système.
- [debug isdn q931](#) - Affiche des informations au sujet de l'établissement d'appel et du démontage de la connexion réseau RNIS (couche 3) entre le routeur local (côté utilisateur) et le réseau.
- [debug voip ccapi inout](#) - Débugge l'API de contrôle d'appel.
- [debug voip ivr](#) - Débugge l'application IVR.
- [debug ras](#) - Affiche les types et l'adressage de messages de Protocol d'enregistrement, d'admission et d'état (RAS) envoyés et reçus.

Informations connexes

- [Le guide du programmeur de version 1.0 TCL RVI API](#)
- [Configurer la réponse vocale interactive pour des plates-formes d'accès de Cisco](#)
- [Améliorations de Sécurité et de comptabilité de passerelle H.323 de Cisco](#)
- [Assistance technique concernant la technologie vocale](#)
- [Assistance concernant les produits vocaux et de communications unifiées](#)
- [Dépannage des problèmes de téléphonie IP Cisco](#)
- [Support et documentation techniques - Cisco Systems](#)