

VoIP عم IVR

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المقدمة

يوضح هذا المستند كيفية تكوين الاستجابة الصوتية التفاعلية الأساسية (IVR) واستكشاف أخطائها وإصلاحها في شبكة VoIP بوابات. IVR هو مصطلح يستخدم لوصف الأنظمة التي توفر المعلومات في شكل رسائل مسجلة عبر خطوط الهاتف إستجابة لمدخل المستخدم في شكل كلمات منطوقة أو إشارات ذات ترددات متعددة (DTMF) مزدوجة (أكثر شيوعاً). تشمل الأمثلة البنوك التي تسمح لك بفحص رصيدك من أي نظام إتصالات أو أنظمة عروض أسعار أسهم مؤتمتة.

المتطلبات الأساسية

المتطلبات

لا توجد متطلبات خاصة لهذا المستند.

المكونات المستخدمة

تستند المعلومات الواردة في هذا المستند إلى إصدارات البرامج والمكونات المادية التالية:

• برنامج IOS © الإصدار 12.1(1) من Cisco الذي يتم تشغيله في الموجهات.

تم إنشاء المعلومات المقدمة في هذا المستند من الأجهزة الموجودة في بيئة معملية خاصة. بدأت جميع الأجهزة المستخدمة في هذا المستند بتكوين ممسوح (افتراضي). إذا كنت تعمل في شبكة مباشرة، فتأكد من فهمك للتأثير

المحتمل لأي أمر قبل استخدامه.

الاصطلاحات

راجع [اصطلاحات تلميحات Cisco التقنية للحصول على مزيد من المعلومات حول اصطلاحات المستندات.](#)

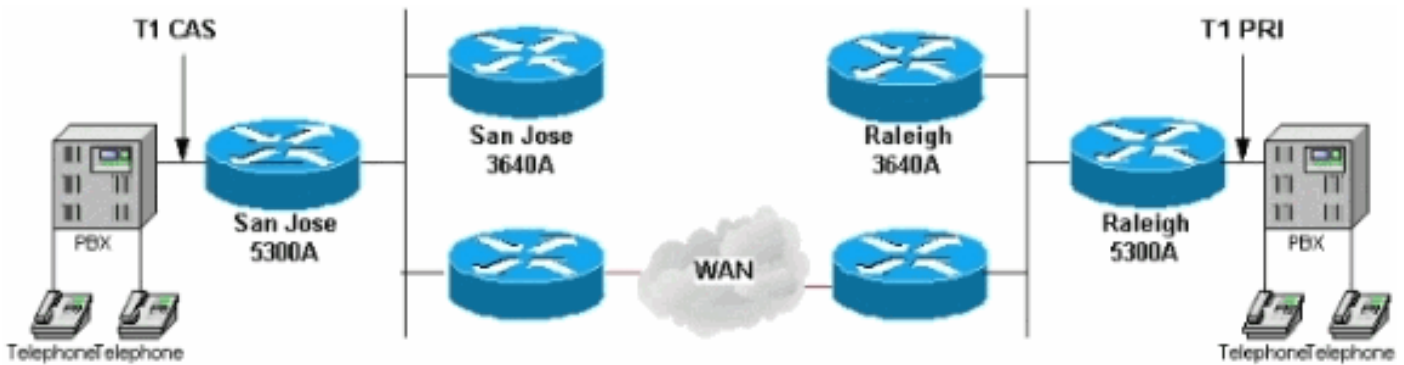
التكوين

في هذا القسم، تُقدّم لك معلومات تكوين الميزات الموضحة في هذا المستند.

ملاحظة: أستخدم [أداة بحث الأوامر](#) (للعلماء [المسجلين](#) فقط) للعثور على مزيد من المعلومات حول الأوامر المستخدمة في هذا المستند.

الرسم التخطيطي للشبكة

يستخدم هذا المستند إعداد الشبكة الموضح في هذا الرسم التخطيطي:



ال raleigh5300 في هذا شبكة رسم بياني يركّز IVR يستعمل ال clid_authn_collect داخلي نص. يقوم هذا البرنامج النصي بفحص معرف الرقم التلقائي للمكالمة الواردة (ANI). يساعد هذا الاستدعاء الذي يستقبل الأجهزة لتحديد عدد جهة الاتصال وخدمة التعرف على الرقم المطلوب (DNIS) والرقم الذي تم استدعاؤه للوصول إلى جهاز معين. ثم يحاول مطابقة هذه مع اسم مستخدم وكلمة مرور. إذا فشل البرنامج النصي في مطابقة اسم المستخدم وكلمة المرور، كما هو الحال في هذه الحالة، فإنه يستخدم مطالبات صوتية للحصول على رقم الحساب وكلمة المرور (يشار إليها غالبًا باسم "PIN"). بعد أن يدخل المتصل اسم المستخدم وكلمة المرور ويتم مصادقته، يطلب البرنامج النصي رقم الوجهة الذي سيتم استدعاؤه.

تكوين IVR هنا تكوين أساسي للغاية. في بيئة حقيقية، يتم تخزين اسم المستخدم وكلمة المرور في خادم خدمة مصادقة طلب اتصال المستخدم البعيد (RADIUS). يشير تسجيل دخول مصادقة المصادقة والتفويض والمحاسبة (H.323) AAA إلى RADIUS وليس محليًا. ويتم تحقيق ذلك باستخدام الأمر AAA authentication login h323 group radius في تكوين الموجه الذي يشغل IVR.

تحت الأمر 1 dial-peer voice، يتم تكوين تطبيق IVR. في هذه الحالة، تشير إلى البرنامج النصي clid_authn_collect. توجد تكوينات مختلفة ل IVR في البرنامج. أدخل أمر [show call application voice EXEC](#) [summary](#) لعرض هذا. راجع [تكوين الاستجابة الصوتية التفاعلية لأنظمة Cisco Access Platforms](#) للحصول على مزيد من المعلومات.

التكوينات

يستخدم هذا المستند التكوينات التالية:

• [رالي 5300a](#)

- رالي 3640a
- سان خوسيه 5300a
- سان خوسيه 3640a

رالي 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

```

رالی 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
```

سان خوسيه 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

```

سان خوسيه 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

```

التحقق من الصحة

يوفر هذا القسم المعلومات للتأكد من أن التكوين لديك يعمل بشكل صحيح.

تدعم أداة مترجم الإخراج (للعلماء المسجلين فقط) بعض أوامر show. استخدم أداة مترجم الإخراج (OIT) لعرض تحليل مخرج الأمر `show`.

- `show gateway` - يعرض حالة البوابة الحالية.
- `show gatekeeper calls` - يعرض حالة كل مكالمة مستمرة على علم بها من قبل "برنامج حماية البوابة".

- [show gatekeeper gw-type-prefix](#) - يعرض جدول بادئة تقنية البوابة.
 - [show flash](#) - يعرض محتويات ذاكرة Flash (الذاكرة المؤقتة).
 - [show call application voice clid_authen_collect](#) - يعرض قائمة بالتطبيقات الصوتية التي تم تكوينها.
 - [show gatekeeper endpoints](#) - يعرض حالة جميع نقاط النهاية المسجلة ل gatekeeper.
 - [show log](#) - يعرض إخراج debug من المخزن المؤقت للتسجيل عند تمكين أوامر debug.
 - [show call active voice \[brief\]](#) - يعرض حالة الاتصال لجميع منافذ الصوت.
 - [show debuing](#) - يعرض أوامر تصحيح الأخطاء التي يتم تمكينها في أي وقت معين.
- بعد إدخال التكوينات الموضحة في هذا المستند إلى الموجهات لديك، تحقق من عمل الشبكة بشكل صحيح. تظهر هذه الأوامر والمخرجات المقابلة تنفيذ ناجح للتكوينات الواردة في هذا المستند.
- وتتضمن أكثر المشاكل شيوعاً فيما يتعلق بتقنية التبديل داخل الشاشة ما يلي:

- لم يتم تكوين التطبيق بشكل صحيح على نظير الطلب الخاص بخدمة الهاتف القديمة العادية (POTS). تأكد من تطابق المكالمة الهاتفية الواردة مع نظير الطلب ل POTS مع التطبيق. يتطابق POTS Dial-peer مع نظير الطلب الأول مع أمر المنفذ المتطابق في التكوين أو إذا كان الرقم المستدعى يطابق الأمر الفرعي dial-peer الوارد `<number <call-number`. تحقق من أن التطبيق موجود بالفعل من خلال الأمر [show call application \[summary\] \[voice\]](#). تأكد من أن اسم التطبيق لا يحتوي على خطأ في بناء الجملة.
- تأكد من عدم تكوين الطلب الداخلي المباشر على مصادر الطلب النظير.
- تأكد من تحميل ملفات الصوت المناسبة في Flash.
- تأكد من تكوين المصادقة باسم المستخدم وكلمة المرور بشكل صحيح.

[خرج 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
c5300-is-mz.121-1.bin 7084904 1
enter_account.au 23186 2
enter_destination.au 38087 3
enter_pin.au 20414 4
auth_failed.au 17513 5
[bytes used, 1204176 available, 8388608 total 7184432]
(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 clid_authen_collect
The script is compiled into the image
.It has 0 calls active
```

```
:The TCL Script is
```

```

-----
clid_authen_collect.tcl #
-----#
September 1998, David Ramsthaller #
#
.Copyright (c) 1998, 1999 by cisco Systems, Inc #
.All rights reserved #
-----#
.Mimic the clid_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 {$event == "collect success
    set state get_pin
    (set account $info(digits
        return 0
    {

} {"if {$event == "collect aborted
    set state get_account
        return 0
    {

} {"if {$event == "collect fail" || $event == "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 {$event == "collect success
      set state authenticate
      (set pin $info(digits
        return 0
      {

    } {"if {$event == "collect aborted
      set state get_account
      return 0
    {

} {"if {$event == "collect fail" || $event == "collect timeout
      timeout #
    } {"if {$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 { $event == "authenticated
      set state authen_pass
      return 0
    {

} {"if {$event == "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 {$event == "collect success
        set state place_call
        (set destination $info(digits
            return 0
        {

    } {"if {$event == "collect aborted
        set state get_dest
        return 0
    {

} {"if {$event == "collect fail" || $event == "collect timeout
        set state get_dest
        return 0
        {
            set state end
            return 0
        }

    } {} proc do_authen_pass
        global state
        global destination

[[set dnislens [string len [dnis

    } { if { [did] && $dnislens
[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 {$event == "active
        set state active

```

```

        return 0
    }
} {"if {$event == "call fail"
    set state place_fail
    return 0
}

set state end
return 0

} {} proc do_active_notimer
    global state

    [set event [waitEvent
} {"while { $event == "digit"
    [set event [waitEvent
        {
        set state end
        return 0
    }

} {} proc do_active_last_timer
    global state

[set event [startTimer [creditTimeLeft] info
    } {"while { $event == "digit"
[set event [startTimer $info(timeLeft) info
    {
    } {"if { $event == "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 { $event == "digit"
[set event [startTimer $info(timeLeft) info
    {
    } {"if { $event == "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

```


:(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
Plan:ISDN, Type:National , '9195552010'
,Mar 28 00:45:18.433: Called Party Number i = 0xA1
Plan:ISDN, Type:National , '4085556400'
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
```

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/ 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
```

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...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: $ $ms_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
```

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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='' authen_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 authen_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
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,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=919552010, calledNumber=4085556400, redirectNumber
,Mar 28 00:45:30.681: accountNumber=1234, finalDestFlag=0
guid=1acb.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=919552010, 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
[on sock [0x6179E6A4 [172.16.120.1:1719]
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,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_CONFERENCE_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
[on sock [0x6179E6A4 [172.16.120.1:1719]
,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
from 172.16.120.1:1719 3
Mar 28 00:45:51.277: RASlib::RASRecvData: DCF (seq# 12167) rcvd from
[on sock [0x6179E6A4 [172.16.120.1:1719]

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::RASendRRQ: 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
 [on sock [0x6179E6A4 [172.16.120.1:1719]

#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
OnTimeRvPlayout=15900
GapFillWithSilence=0 ms
GapFillWithPrediction=0 ms
GapFillWithInterpolation=0 ms
GapFillWithRedundancy=0 ms
HiWaterPlayoutDelay=70 ms
LoWaterPlayoutDelay=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

[SanJose5300A](#) خرج

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
to 172.16.110.1:1719 172.16.110.2:52521
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
[on sock [0x61752218 [172.16.110.1:1719]
Mar 28 00:45:30.705: RASlib::ras_sendto: msg length 122 from
to 172.16.110.1:1719 172.16.110.2:52521
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
[on sock [0x61752218 [172.16.110.1:1719]
, 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
(cled(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=lacb.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

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(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)csiz(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)csiz(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)csiz(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)csiz(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)csiz(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)csiz(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
[on sock [0x61752218 [172.16.110.1:1719]
,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)csiz(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)csiz(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
[on sock [0x61752218 [172.16.110.1:1719]
Mar 28 00:46:55.595: RASLib::ras_sendto: msg length 74 from
to 172.16.110.1:1719 172.16.110.2:52521
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
to 172.16.110.1:1719 172.16.110.2:52521
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
[on sock [0x61752218 [172.16.110.1:1719]

#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/o:-40/-71 dBm

SanJose5300A#show call active 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

Raleigh3600a خرج

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 49831 172.16.120.2 1720 172.16.120.2
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
RAL5300A 172.16.120.2:1720

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
to 172.16.120.2:49831 172.16.120.1:1719
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
to 172.16.120.2:49831 172.16.120.1:1719
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
to 172.16.120.2:49831 172.16.120.1:1719
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
to 172.16.120.2:49831 172.16.120.1:1719
(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: 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
	(Kbps) 64	45		24-6872
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

SanJose3640A خرج

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
SJgk1		VOIP-GW 52521	172.16.110.2	1720	172.16.110.2	
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 SJgk1 master gateway list

SJ5300A 172.16.110.2:1720

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 to 172.16.110.2:52521 172.16.110.1:1719

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 [on sock [0x60FE9B04 [172.16.120.1:55415]

RASLib::parse_lrq_nonstd: LRQ Nonstd decode succeeded, remlen = 0

Mar 28 00:45:30.696: RASlib::ras_sendto: msg length 128 from to 172.16.120.1:55415 172.16.110.1:1719

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 [on sock [0x60FE9B04 [172.16.110.2:52521]

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
to 172.16.110.2:52521 172.16.110.1:1719
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
[on sock [0x60FE9B04 [172.16.110.2:52521]
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
[on sock [0x60FE9B04 [172.16.110.2:52521]
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
[on sock [0x60FE9B04 [172.16.110.2:52521]
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
(Kbps) 64 63	21-6872	
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

استكشاف الأخطاء وإصلاحها

يوفر هذا القسم معلومات استكشاف أخطاء التكوين وإصلاحها.

أوامر استكشاف الأخطاء وإصلاحها

تدعم أداة مترجم الإخراج (للعلماء المسجلين فقط) بعض أوامر **show**. استخدم أداة مترجم الإخراج (OIT) لعرض تحليل مُخرَج الأمر **show**.

ملاحظة: ارجع إلى [معلومات مهمة حول أوامر التصحيح](#) قبل إصدار أوامر **debug**.

• **debug voip aaa** - يمكن رسائل تصحيح الأخطاء للعبارة AAA أن تكون مخرجات إلى وحدة تحكم النظام.

- [debug isdn q931](#) - يعرض معلومات حول إعداد المكالمات وإنزال إتصالات شبكة ISDN (الطبقة 3) بين الموجه المحلي (جانب المستخدم) والشبكة.
- [debug voip ccapi inout](#) - تصحيح أخطاء واجهة برمجة تطبيقات التحكم في المكالمات.
- [debug voip ivr](#) - تصحيح أخطاء تطبيق IVR.
- [debug ras](#) - يعرض أنواع رسائل بروتوكول التسجيل والقبول والحالة (RAS) التي تم إرسالها واستقبالها والعنونة الخاصة بها.

معلومات ذات صلة

- [دليل مبرمج الإصدار 1.0 لـ TCL IVR API](#)
- [تكوين الاستجابة الصوتية التفاعلية للأنظمة الأساسية للوصول من Cisco](#)
- [تحسينات أمان عبارة Cisco H.323 والمحاسبة](#)
- [دعم تقنية الصوت](#)
- [دعم منتجات الاتصالات الصوتية والاتصالات الموحدة](#)
- [استكشاف أخطاء خدمة IP الهاتفية من Cisco وإصلاحها](#)
- [الدعم التقني والمستندات - Cisco Systems](#)

ةمچرتل هذه لوج

ةللأل تاي نقتل نم ةومجم مادختساب دن تسمل اذه Cisco تچرت
ملاعلاء ان اعيمج يف نيمدختسمل معد ىوتحم مي دقتل ةيرشبل او
امك ةقيد نوك تنل ةللأل ةمچرت لصف ان ةظحال مچري. ةصاخل مهتغب
Cisco يلخت. فرتحم مچرت مامدقي يتل ةيفارتحال ةمچرتل عم لالحل وه
ىل اءاد عوچرلاب ي صؤت و تامچرتل هذه ةقد نع اهتيل وئسم Cisco
Systems (رفوتم طبارل) يلصلأل يزي لچنل دن تسمل