Objetos MIB equivalentes para comandos show de VoIP

Contents

Introduction

Este documento aborda os objetos MIB equivalentes que fornecem as informações contidas em vários comandos de verificação de Voz sobre IP (VoIP). Os aplicativos e/ou scripts NMS podem potencialmente usar essas informações.

Prerequisites

Requirements

Não existem requisitos específicos para este documento.

Componentes Utilizados

Este documento não está restrito a versões de software específicas. No entanto, ele foi criado especificamente para um Cisco 3600 Series Router com uma placa NM-2V.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

For more information on document conventions, refer to the Cisco Technical Tips Conventions.

Configuração

Esta saída mostra uma parte relevante da configuração que este documento usa:

```
VoipRouter#show running-configuration
Building configuration...

Current configuration : 5412 bytes
!
version 12.3
...
!
snmp-server community public RO
!
...
!
voice-port 2/0/0
!
...
!
dial-peer voice 2000 pots
 destination-pattern 2000
 port 2/0/0
!
dial-peer voice 1000 voip
 destination-pattern 1000
 session target ipv4:172.16.99.22
!
...
end
```

Comandos VoIP

Estas seções mostram os objetos MIB que correspondem à saída destes comandos de verificação de VoIP:

- show voice port summary (somente para placa NM-2V)
- show voice call summary
- show dial-peer voice summary
- show call ative voice brief (somente para a plataforma Cisco 3600)
- show voice dsp (somente para placa NM-HDV)

As informações que esses comandos de verificação de VoIP contêm podem ser extraídas de IF-MIB, CISCO-VOICE-IF-MIB, CISCO-VOICE-ANALOG-IF-MIB, CISCO-VOICE-DIAL-CONTROL-MIB, DIAL-CONTROL-MIB e CISCO-DSP-MGMT MIB.

Observação: nesses exemplos, o trecho de Telefonia é indexado por 1102799 e o trecho H.323 é indexado por 1102966.

show voice port summary

Observação: o texto em negrito no comando **show voice port summary** é descrito na seção Objetos MIB equivalentes.

```
VoipRouter#show voice port summary
                                        IN            OUT
PORT      CH    SIG-TYPE    ADMIN OPER  STATUS        STATUS    EC
========= == ============ ===== ====  ========      ======== ==
2/0/0(A1) --  fxs-ls(A2)  up(A3)up(A4) off-hook(A5) idle     y(A6)
2/0/1     --  fxs-ls      up    dorm   on-hook       idle     y
```

Objetos MIB equivalentes

```
A1  —  IF-MIB::ifDescr.37 = STRING: Foreign Exchange Station 2/0/0

A2  —  CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSCfgSignalType.37 = INTEGER: fxsLoopStart(1)

A3  —  IF-MIB::ifAdminStatus.37 = INTEGER: up(1)

A4  —  IF-MIB::ifOperStatus.37 = INTEGER: up(1)

A5  —  CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSHookStatus.37 = INTEGER: offHook(2)

A6  —  CISCO-VOICE-IF-MIB::cvIfCfgEchoCancelEnable.37 = INTEGER: true(1)
```

Observação: Nenhum objeto MIB mantém o valor contido na parte CH do comando **show voice port summary** quando a placa NM-2V é usada.

show voice call summary

Observação: o texto em negrito no comando **show voice call summary** é descrito na seção Objetos MIB equivalentes.

```
VoipRouter#show voice call summary
PORT          CODEC      VAD   VTSP STATE            VPM STATE
============ ========   ===   ==================== ======================
2/0/0(B1)     g729r8(B2) y(B3) S_CONNECT            FXSLS_CONNECT
2/0/1          -          -       -                 FXSLS_ONHOOK
```

Objetos MIB equivalentes

```
B1  —  IF-MIB::ifDescr.37 = STRING: Foreign Exchange Station 2/0/0

B2  —  CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveCoderTypeRate.
       1102966.1 = INTEGER: ietfg729r8000(25)

B3  —  CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveVADEnable.
       1102966.1 = INTEGER: true(1)
```

Observação: nenhum objeto MIB mantém os estados do Voice Telephony Service Provider (VTSP) e do VPM individualmente. Use callAtiveCallState de DIAL-CONTROL-MIB em vez disso.

show dial-peer voice summary

Observação: o texto em negrito no comando **show dial-peer voice summary** é descrito na seção Objetos MIB equivalentes.

```
VoipRouter#show dial-peer voice summary
dial-peer hunt 0
             AD                                          PRE  PASS
TAG      TYPE     MIN     OPER    PREFIX DEST-PATTERN   FER  THRU SESS-TARGET    PORT
2000(C1) pots(C2)  up(C3)  up(C4) 9(C5)   2000(C6)      0(C7)                 2/0/0(C8)
1000     voip      up      up             1000          0    syst ipv4:172.16.99.22(C9)
```

Objetos MIB equivalentes

C1 – CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCfgIfIndex.2000 = INTEGER: 90

– DIAL-CONTROL-MIB::dialCtlPeerCfgLowerIf.2000.90 = INTEGER: 37

C2 – CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCfgType.2000 = INTEGER: voice(1)

C3 – IF-MIB::ifAdminStatus.37 = INTEGER: up(1)

C4 – IF-MIB::ifOperStatus.37 = INTEGER: up(1)

C5 – CISCO-VOICE-DIAL-CONTROL-MIB::cvVoicePeerCfgDialDigitsPrefix.90 = STRING: 9

C6 – DIAL-CONTROL-MIB::dialCtlPeerCfgOriginateAddress.2000.90 = STRING: 2000

C7 – CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgPreference.90 = INTEGER: 0

C8 – IF-MIB::ifDescr.37 = STRING: Foreign Exchange Station 2/0/0

C9 – CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgSessionTarget.91 =
STRING: ipv4:172.16.99.22

Observação: Nenhum objeto MIB mantém o valor contido na parte do método `PASS THRU do` modem do comando **show dial-peer summary**.

show call ative voice brief

Observação: o texto em negrito no comando **show call ative voice brief** é descrito na seção Objetos MIB equivalentes.

```
VoIPRouter#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>
 IP <ip>:<udp> rtt:<time>ms pl:<play>/<gap>ms lost:<lost>/<early>/<late>
  delay:<last>/<min>/<max>ms <codec>
  MODEMPASS <method> buf:<fills>/<drains> loss <overall%>
<multipkt>/<corrected>
   last <buf event time>s dur:<Min>/<Max>s
 FR <protocol> [int dlci cid] vad:<y/n> dtmf:<y/n> seq:<y/n>
  sig:<on/off> <codec> (payload size)
ATM <protocol> [int vpi/vci cid] vad:<y/n> dtmf:<y/n> seq:<y/n>
  sig:<on/off> <codec> (payload size)
 Tele <int>:tx:<tot>/<v>/<fax>ms <codec> noise:<l> acom:<l> i/o:<l>/<l>
dBm
MODEMRELAY info:<rcvd>/<sent>/<resent> xid:<rcvd>/<sent>
total:<rcvd>/<sent>/<drops>
 Proxy <ip>:<audio udp>,<video udp>,<tcp0>,<tcp1>,<tcp2>,<tcp3> endpt:
<type>/<manf>
 bw:<req>/<act> codec:<audio>/<video>
  tx:<audio pkts>/<audio bytes>,<video pkts>/<video bytes>,<t120
pkts>/<t120 bytes>
```

```
 rx:<audio pkts>/<audio bytes>,<video pkts>/<video bytes>,<t120
pkts>/<t120 bytes>
Telephony call-legs: 1
SIP call-legs: 0
H323 call-legs: 1
MGCP call-legs: 0
Total call-legs: 2
11D9 : 1102799(D1)hs.1 +1324 pid:2000(D2) Answer(D3) 2000(D4) active(D5)
 dur 1d19h(D6) tx:7875641(D7)/157512782(D8) rx:7875955(D9)/157519081(D10)
 Tele 2/0/0(D11):1: tx:157515460(D12)/157514630(D13)/0ms g729r8(D14)
 noise:-56(D15) acom:5(D16)  i/0:-40(D17)/-46(D18) dBm

11D9 : 1102966hs.1 +1157 pid:1000 Originate 1000 active
 dur 1d19h tx:7875388/157507741 rx:7875641/157512782
 IP 172.16.99.22(D19):19066(D20) rtt:6ms(D21) pl:157496940(D22)/4770ms(D23)
 lost:52(D24)/1(D25)/325(D26) delay:67(D27)/55(D28)/132ms(D29) g729r8

Telephony call-legs: 1
SIP call-legs: 0
H323 call-legs: 1
MGCP call-legs: 0
Total call-legs: 2
```

Objetos MIB equivalentes

D1 – CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveConnectionId.1102799.1
= Hex-STRING: 53 98 B1 3F EB B7 11 D7 80 02 AA AD C2 77 19 FC

D2 – DIAL-CONTROL-MIB::callActivePeerId.1102799.1 = INTEGER: 2000

D3 – DIAL-CONTROL-MIB::callActiveCallOrigin.1102799.1 = INTEGER: answer(2)

D4 – DIAL-CONTROL-MIB::callActivePeerAddress.1102799.1 = STRING: 2000

D5 – DIAL-CONTROL-MIB::callActiveCallState.1102799.1 = INTEGER: active(4)

D6 – DIAL-CONTROL-MIB::callActiveConnectTime.1102799.1 = Timeticks:
(1104123) 3:04:01.23
– DISMAN-EVENT-MIB::sysUpTimeInstance = Timeticks: (16590203) 1 days,
22:05:02.03

D7 – DIAL-CONTROL-MIB::callActiveTransmitPackets.1102799.1 = Gauge32: 7875641

D8 – DIAL-CONTROL-MIB::callActiveTransmitBytes.1102799.1 = Gauge32: 157512782

D9 – DIAL-CONTROL-MIB::callActiveReceivePackets.1102799.1 = Gauge32: 7875955

D10 – DIAL-CONTROL-MIB::callActiveReceiveBytes.1102799.1 = Gauge32: 157519081

D11 – IF-MIB::ifDescr.37 = STRING: Foreign Exchange Station 2/0/0

D12 – CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveTxDuration.
1102799.1 = Gauge32: 157515460 milliseconds

D13 – CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveVoiceTxDuration.
1102799.1 = Gauge32: 157514630 milliseconds

D14 – CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveCoderTypeRate.
1102799.1 = INTEGER: ietfg729r8000(25)

D15 – CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveNoiseLevel.
1102799.1 = INTEGER: -56 dBm

```
D16 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveACOMLevel.
       1102799.1 =  INTEGER: 5 dB

D17 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveInSignalLevel.
       1102799.1 = INTEGER: -40 dBm

D18 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveOutSignalLevel.
       1102799.1 = INTEGER: -46 dBm

D19 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveRemoteIPAddress.
       1102966.1 = IpAddress: 172.16.99.22

D20 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveRemoteUDPPort.
       1102966.1 = INTEGER: 19066

D21 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveRoundTripDelay.
       1102966.1 = Gauge32: 6 milliseconds

D22 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveOnTimeRvPlayout.
       1102966.1 = Gauge32: 157496940 milliseconds

D23 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveGapFillWithSilence.
       1102966.1 = Gauge32: 1090 milliseconds
    —  CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveGapFillWithPrediction.
       1102966.1 = Gauge32: 3680 milliseconds
    —  CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveGapFillWithInterpolation.
       1102966.1 = Gauge32: 0 milliseconds

D24 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveLostPackets.
       1102966.1 = Gauge32: 52 packets

D25 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveEarlyPackets.
       1102966.1 = Gauge32: 1 packets

D26 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveLatePackets.
       1102966.1 = Gauge32: 325 packets

D27 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveReceiveDelay.
       1102966.1 = Gauge32: 67

D28 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveLoWaterPlayoutDelay.
       1102966.1 = Gauge32: 55 milliseconds

D29 —  CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveHiWaterPlayoutDelay.
       1102966.1 = Gauge32: 132 milliseconds
```

Observação: o valor de GapFill do comando **show call ative voice brief** é obtido quando você adiciona os Objetos SNMP cvVoIPCallAtiveGapFillWithSilence, cvVoIPCallAtiveGapFillWithPredication e cvVoIPCallAtiveGapFap InterpolaçãoInoperante.

show voice dsp

```
VoIPRouter#show voice dsp

DSP  DSP             DSPWARE CURR  BOOT                          PAK     TX/RX
TYPE NUM CH CODEC    VERSION STATE STATE   RST AI VOICEPORT TS ABORT  PACK COUNT
==== === == ======== ======= ===== ======= === == ========= == ===== ============
C549 009 01 {medium}  4.1.31 IDLE  idle      0  0 1/0:0     05     0          0/36
         02 {medium}  4.1.31 IDLE  idle         0 1/0:0     06     0           0/0
         03 {medium}  4.1.31 IDLE  idle         0 1/0:0     07     0           0/0
         04 {medium}  4.1.31 IDLE  idle         0 1/0:0     08     0           0/0
```

```
C549 010 01 {medium}  4.1.31 IDLE  idle      0  0 1/0:0     09     0          0/0
         02 {medium}  4.1.31 IDLE  idle         0 1/0:0     10     0          0/0
         03 {medium}  4.1.31 IDLE  idle         0 1/0:0     11     0          0/0
         04 {medium}  4.1.31 IDLE  idle         0 1/0:0     12     0          0/0
C549 011 01 {medium}  4.1.31 IDLE  idle      0  0 1/0:0     13     0          0/0
         02 {medium}  4.1.31 IDLE  idle         0 1/0:0     14     0          0/0
         03 {medium}  4.1.31 IDLE  idle         0 1/0:0     15     0          0/0
         04 {medium}  4.1.31 IDLE  idle         0 1/0:0     16     0          0/0
C549 012 01 {medium}  4.1.31 IDLE  idle      0  0 1/0:0     17     0          0/0
         02 {medium}  4.1.31 IDLE  idle         0 1/0:0     18     0          0/0
         03 {medium}  4.1.31 IDLE  idle         0 1/0:0     19     0          0/0
         04 {medium}  4.1.31 IDLE  idle         0 1/0:0     20     0          0/0
C549 013 01 {medium}  4.1.31 IDLE  idle      0  0 1/0:0     21     0          0/0
         02 {medium}  4.1.31 IDLE  idle         0 1/0:0     22     0          0/0
         03 {medium}  4.1.31 IDLE  idle         0 1/0:0     23     0         0/12
         04 g729r8    4.1.31 busy  idle         0 1/0:0     24     0    176/56702
C549 014 01 {medium}  4.1.31 IDLE  idle      0  0 1/0:0     01     0         0/27
         02 {medium}  4.1.31 IDLE  idle         0 1/0:0     02     0         0/12
         03 {medium}  4.1.31 IDLE  idle         0 1/0:0     03     0         0/12
         04 {medium}  4.1.31 IDLE  idle         0 1/0:0     04     0         0/12
```

Aqui estão alguns objetos MIB úteis que fornecem informações sobre a chamada ativa na saída do exemplo do comando **show voice dsp**:

```
CISCO-DSP-MGMT-MIB::cdspCardIndex.7 = INTEGER: 2
OLD-CISCO-CHASSIS-MIB::cardType.2 = INTEGER: hdv(516)
OLD-CISCO-CHASSIS-MIB::cardDescr.2 = STRING: "High Density Voice"
ENTITY-MIB::entPhysicalDescr.7 = STRING: High Density Voice
ENTITY-MIB::entPhysicalDescr.22 = STRING: DSP (C549)
CISCO-DSP-MGMT-MIB::cdspCardState.7 = INTEGER: normal(1)
CISCO-DSP-MGMT-MIB::cdspCardMaxChanPerDSP.7 = Gauge32: 4 channels
CISCO-DSP-MGMT-MIB::cdspTotalChannels.22 = Gauge32: 4 channels
CISCO-DSP-MGMT-MIB::cdspActiveChannels.21 = Gauge32: 1 channels
```

Observação: o MIB que contém as informações para **show voice dsp** é CISCO-DSP-MGMT-MIB. No entanto, devido ao bug da Cisco ID CSCeb62542 para a placa NM-2V, os DSPs em NM-2V não são mostrados em ENTITY-MIB. Como cdspCardStatusTable depende de entPhysicalIndex de ENTITY-MIB, cdspCardStatusTable não é preenchido para a placa NM-2V.

Appendix

Esta saída mostra o **snmpwalk** completo de ciscoVoiceAnalogIfMIB de CISCO-VOICE-ANALOG-IF-MIB no momento dos comandos de verificação de VoIP mostrados neste documento:

```
snmpwalk -c public 172.16.100.20 CISCO-VOICE-ANALOG-IF-MIB:ciscoVoiceAnalogIfMIB
CISCO-VOICE-ANALOG-IF-MIB::cvaIfCfgImpedance.37 = INTEGER: ohms600Real(2)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfCfgImpedance.38 = INTEGER: ohms600Real(2)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfCfgIntegratedDSP.37 = INTEGER: false(2)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfCfgIntegratedDSP.38 = INTEGER: false(2)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfStatusInfoType.37 = INTEGER: voice(2)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfStatusInfoType.38 = INTEGER: none(1)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfMaintenanceMode.37 = INTEGER: none(1)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfMaintenanceMode.38 = INTEGER: none(1)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfStatusSignalErrors.37 = Counter32: 0
CISCO-VOICE-ANALOG-IF-MIB::cvaIfStatusSignalErrors.38 = Counter32: 0
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSCfgSignalType.37 = INTEGER: fxsLoopStart(1)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSCfgSignalType.38 = INTEGER: fxsLoopStart(1)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSRingFrequency.37 = INTEGER: ringFrequency25(1)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSRingFrequency.38 = INTEGER: ringFrequency25(1)
```

```
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSHookStatus.37 = INTEGER: offHook(2)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSHookStatus.38 = INTEGER: onHook(1)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSRingActive.37 = INTEGER: false(2)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSRingActive.38 = INTEGER: false(2)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSRingGround.37 = INTEGER: false(2)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSRingGround.38 = INTEGER: false(2)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSTipGround.37 = INTEGER: false(2)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSTipGround.38 = INTEGER: false(2)
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSTimingDigitDuration.37 =
INTEGER: 100 milliseconds
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSTimingDigitDuration.38 =
INTEGER: 100 milliseconds
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSTimingInterDigitDuration.37 =
INTEGER: 100 milliseconds
CISCO-VOICE-ANALOG-IF-MIB::cvaIfFXSTimingInterDigitDuration.38 =
INTEGER: 100 milliseconds
```

Esta saída mostra o **snmpwalk** completo de ciscoVoiceInterfaceMIB de CISCO-VOICE-IF-MIB no momento dos comandos de verificação de VoIP mostrados neste documento:

```
snmpwalk -c public 172.16.100.20 CISCO-VOICE-IF-MIB:ciscoVoiceInterfaceMIB
CISCO-VOICE-IF-MIB::cvIfCfgNoiseRegEnable.37 = INTEGER: true(1)
CISCO-VOICE-IF-MIB::cvIfCfgNoiseRegEnable.38 = INTEGER: true(1)
CISCO-VOICE-IF-MIB::cvIfCfgNonLinearProcEnable.37 = INTEGER: true(1)
CISCO-VOICE-IF-MIB::cvIfCfgNonLinearProcEnable.38 = INTEGER: true(1)
CISCO-VOICE-IF-MIB::cvIfCfgMusicOnHoldThreshold.37 = INTEGER: -38 dBm
CISCO-VOICE-IF-MIB::cvIfCfgMusicOnHoldThreshold.38 = INTEGER: -38 dBm
CISCO-VOICE-IF-MIB::cvIfCfgInGain.37 = INTEGER: 0 dB
CISCO-VOICE-IF-MIB::cvIfCfgInGain.38 = INTEGER: 0 dB
CISCO-VOICE-IF-MIB::cvIfCfgOutAttn.37 = INTEGER: 3 dB
CISCO-VOICE-IF-MIB::cvIfCfgOutAttn.38 = INTEGER: 3 dB
CISCO-VOICE-IF-MIB::cvIfCfgEchoCancelEnable.37 = INTEGER: true(1)
CISCO-VOICE-IF-MIB::cvIfCfgEchoCancelEnable.38 = INTEGER: true(1)
CISCO-VOICE-IF-MIB::cvIfCfgEchoCancelCoverage.37 = INTEGER: 4
CISCO-VOICE-IF-MIB::cvIfCfgEchoCancelCoverage.38 = INTEGER: 4
CISCO-VOICE-IF-MIB::cvIfCfgConnectionMode.37 = INTEGER: normal(1)
CISCO-VOICE-IF-MIB::cvIfCfgConnectionMode.38 = INTEGER: normal(1)
CISCO-VOICE-IF-MIB::cvIfCfgConnectionNumber.37 = STRING:
CISCO-VOICE-IF-MIB::cvIfCfgConnectionNumber.38 = STRING:
CISCO-VOICE-IF-MIB::cvIfCfgInitialDigitTimeOut.37 = INTEGER: 10 seconds
CISCO-VOICE-IF-MIB::cvIfCfgInitialDigitTimeOut.38 = INTEGER: 10 seconds
CISCO-VOICE-IF-MIB::cvIfCfgInterDigitTimeOut.37 = INTEGER: 10 seconds
CISCO-VOICE-IF-MIB::cvIfCfgInterDigitTimeOut.38 = INTEGER: 10 seconds
CISCO-VOICE-IF-MIB::cvIfCfgRegionalTone.37 = STRING: "US"
CISCO-VOICE-IF-MIB::cvIfCfgRegionalTone.38 = STRING: "US"
CISCO-VOICE-IF-MIB::cvIfCfgEntry.13.37 = INTEGER: 1
CISCO-VOICE-IF-MIB::cvIfCfgEntry.13.38 = INTEGER: 1
CISCO-VOICE-IF-MIB::cvIfCfgEntry.14.37 = INTEGER: 1
CISCO-VOICE-IF-MIB::cvIfCfgEntry.14.38 = INTEGER: 1
```

Esta saída mostra o **snmpwalk** completo de ciscoVoiceDialControlMIB de CISCO-VOICE-DIAL-CONTROL-MIB no momento dos comandos de verificação de VoIP mostrados neste documento:

```
snmpwalk -c public 172.16.100.20 CISCO-VOICE-DIAL-CONTROL-MIB:ciscoVoiceDialControlMIB
CISCO-VOICE-DIAL-CONTROL-MIB::cvGeneralPoorQoVNotificationEnable.0 = INTEGER: true(1)
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCfgIfIndex.1000 = INTEGER: 91
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCfgIfIndex.2000 = INTEGER: 90
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCfgType.1000 = INTEGER: voip(2)
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCfgType.2000 = INTEGER: voice(1)
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCfgRowStatus.1000 = INTEGER: active(1)
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCfgRowStatus.2000 = INTEGER: active(1)
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCfgEntry.5.1000 = INTEGER: 1
```

```
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCfgEntry.5.2000 = INTEGER: 1
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoicePeerCfgSessionTarget.90 = STRING:
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoicePeerCfgDialDigitsPrefix.90 = STRING: 9
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoicePeerCfgDIDCallEnable.90 = INTEGER: false(2)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoicePeerCfgCasGroup.90 = INTEGER: -1
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoicePeerCfgRegisterE164.90 = INTEGER: true(1)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoicePeerCfgForwardDigits.90 = INTEGER: -1
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoicePeerCfgEntry.7.90 = INTEGER: 1
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgSessionProtocol.91 = INTEGER: cisco(2)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgDesiredQoS.91 = INTEGER: 1
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgMinAcceptableQoS.91 = INTEGER: 1
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgSessionTarget.91 =
STRING: ipv4:172.16.99.22
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgCoderRate.91 =
INTEGER: g729IETFr8000(16)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgFaxRate.91 = INTEGER: voiceRate(2)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgVADEnable.91 = INTEGER: true(1)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgExpectFactor.91 =
INTEGER: 0 equipment impairment factor (eif)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgIcpif.91 =
INTEGER: 20 equipment impairment factor (eif)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgPoorQoVNotificationEnable.91 =
INTEGER: false(2)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgUDPChecksumEnable.91 = INTEGER: false(2)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgIPPrecedence.91 = INTEGER: 0
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgTechPrefix.91 = STRING:
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgDigitRelay.91 = Hex-STRING: 00
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgCoderBytes.91 = INTEGER: 20 bytes
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgFaxBytes.91 = INTEGER: 20 bytes
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgInBandSignaling.91 = INTEGER: cas(1)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPPeerCfgEntry.23.91 = INTEGER: 1
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgIncomingDnisDigits.90 = STRING:
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgIncomingDnisDigits.91 = STRING:
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgMaxConnections.90 =
INTEGER: -1 connections
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgMaxConnections.91 =
INTEGER: -1 connections
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgApplicationName.90 = STRING:
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgApplicationName.91 = STRING:
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgPreference.90 = INTEGER: 0
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgPreference.91 = INTEGER: 0
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgHuntStop.90 = INTEGER: false(2)
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgHuntStop.91 = INTEGER: false(2)
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgEntry.6.90 = ""
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgEntry.6.91 = ""
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgEntry.7.90 = ""
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgEntry.7.91 = ""
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgEntry.8.90 = ""
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgEntry.8.91 = ""
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgEntry.9.90 = ""
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgEntry.9.91 = ""
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgEntry.10.90 = ""
CISCO-VOICE-DIAL-CONTROL-MIB::cvPeerCommonCfgEntry.10.91 = ""
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveConnectionId.1102799.1 =
Hex-STRING: 53 98 B1 3F EB B7 11 D7 80 02 AA AD C2 77 19 FC
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveTxDuration.1102799.1 =
Gauge32: 157515460 milliseconds
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveVoiceTxDuration.1102799.1 =
Gauge32: 157514630 milliseconds
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveFaxTxDuration.1102799.1 =
Gauge32: 0 milliseconds
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveCoderTypeRate.1102799.1 =
INTEGER: ietfg729r8000(25)
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveNoiseLevel.1102799.1 = INTEGER: -56 dBm
```

```
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveACOMLevel.1102799.1 = INTEGER: 5 dB
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveOutSignalLevel.1102799.1 =
INTEGER: -46 dBm
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveInSignalLevel.1102799.1 =
INTEGER: -40 dBm
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveERLLevel.1102799.1 = INTEGER: 5 dB
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveSessionTarget.1102799.1 = STRING:
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveImgPageCount.1102799.1 = Gauge32: 0 pages
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveEntry.13.1102799.1 = ""
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveEntry.14.1102799.1 = INTEGER: 2
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveEntry.15.1102799.1 = INTEGER: 19971
CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveEntry.17.1102799.1 = INTEGER: 5
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveConnectionId.1102966.1 =
Hex-STRING: 53 98 B1 3F EB B7 11 D7 80 02 AA AD C2 77 19 FC
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveRemoteIPAddress.1102966.1 =
IpAddress: 172.16.99.22
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveRemoteUDPPort.1102966.1 =
INTEGER: 19066
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveRoundTripDelay.1102966.1 =
Gauge32: 6 milliseconds
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveSelectedQoS.1102966.1 = INTEGER: 1
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveSessionProtocol.1102966.1 =
INTEGER: cisco(2)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveSessionTarget.1102966.1 =
STRING: ipv4:172.16.99.22
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveOnTimeRvPlayout.1102966.1 =
Gauge32: 157496940 milliseconds
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveGapFillWithSilence.1102966.1 =
Gauge32: 1090 milliseconds
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveGapFillWithPrediction.1102966.1 =
Gauge32: 3680 milliseconds
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveGapFillWithInterpolation.1102966.1 =
Gauge32: 0 milliseconds
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveGapFillWithRedundancy.1102966.1 =
Gauge32: 0 milliseconds
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveHiWaterPlayoutDelay.1102966.1 =
Gauge32: 132 milliseconds
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveLoWaterPlayoutDelay.1102966.1 =
Gauge32: 55 milliseconds
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveReceiveDelay.1102966.1 =
Gauge32: 67
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveVADEnable.1102966.1 =
INTEGER: true(1)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveCoderTypeRate.1102966.1 =
INTEGER: ietfg729r8000(25)
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveLostPackets.1102966.1 =
Gauge32: 52 packets
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveEarlyPackets.1102966.1 =
Gauge32: 1 packets
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveLatePackets.1102966.1 =
Gauge32: 325 packets
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveEntry.21.1102966.1 = ""
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveEntry.22.1102966.1 = ""
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveEntry.23.1102966.1 = INTEGER: 1
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveEntry.24.1102966.1 =
STRING: "172.16.99.22"
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveEntry.25.1102966.1 = INTEGER: 1720
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveEntry.26.1102966.1 = INTEGER: 1
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveEntry.27.1102966.1 =
STRING: "172.16.99.22"
CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveEntry.28.1102966.1 = INTEGER: 19066
```

Esta saída mostra o **snmpwalk** completo de ciscoVoiceCommonDialControlMIB de CISCO-VOICE-DIAL-CONTROL-MIB no momento dos comandos de verificação de VoIP mostrados neste

documento:

```
snmpwalk -c public 172.16.100.20 CISCO-VOICE-COMMON-DIAL-CONTROL-MIB:
ciscoVoiceCommonDialControlMIB
CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveConnectionId.
1102966.1 = Hex-STRING: 53 98 B1 3F EB B7 11 D7 80 02 AA AD C2 77 19 FC
CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveVADEnable.
1102966.1 = INTEGER: true(1)
CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveCoderTypeRate.
1102966.1 = INTEGER: ietfg729r8000(25)
CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveCodecBytes.
1102966.1 = INTEGER: 20
CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveInBandSignaling.
1102966.1 = INTEGER: cas(1)
CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveEntry.6.
1102966.1 = ""
CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveEntry.7.
1102966.1 = INTEGER: 2
```

Esta saída mostra o **snmpwalk** completo de dialControlMib de DIAL-CONTROL-MIB no momento dos comandos de verificação de VoIP mostrados neste documento:

```
snmpwalk -c public 172.16.100.20 DIAL-CONTROL-MIB:dialControlMib
DIAL-CONTROL-MIB::dialCtlAcceptMode.0 = INTEGER: acceptAll(2)
DIAL-CONTROL-MIB::dialCtlTrapEnable.0 = INTEGER: enabled(1)
DIAL-CONTROL-MIB::dialCtlPeerCfgIfType.1000.91 = INTEGER: voiceOverIp(104)
DIAL-CONTROL-MIB::dialCtlPeerCfgIfType.2000.90 = INTEGER: voiceFXS(102)
DIAL-CONTROL-MIB::dialCtlPeerCfgLowerIf.1000.91 = INTEGER: 0
DIAL-CONTROL-MIB::dialCtlPeerCfgLowerIf.2000.90 = INTEGER: 37
DIAL-CONTROL-MIB::dialCtlPeerCfgOriginateAddress.1000.91 = STRING: 1000
DIAL-CONTROL-MIB::dialCtlPeerCfgOriginateAddress.2000.90 = STRING: 2000
DIAL-CONTROL-MIB::dialCtlPeerCfgAnswerAddress.1000.91 = STRING:
DIAL-CONTROL-MIB::dialCtlPeerCfgAnswerAddress.2000.90 = STRING:
DIAL-CONTROL-MIB::dialCtlPeerCfgSubAddress.1000.91 = STRING:
DIAL-CONTROL-MIB::dialCtlPeerCfgSubAddress.2000.90 = STRING:
DIAL-CONTROL-MIB::dialCtlPeerCfgSpeed.1000.91 = INTEGER: 0
DIAL-CONTROL-MIB::dialCtlPeerCfgSpeed.2000.90 = INTEGER: 0
DIAL-CONTROL-MIB::dialCtlPeerCfgInfoType.1000.91 = INTEGER: speech(2)
DIAL-CONTROL-MIB::dialCtlPeerCfgInfoType.2000.90 = INTEGER: speech(2)
DIAL-CONTROL-MIB::dialCtlPeerCfgPermission.1000.91 = INTEGER: both(3)
DIAL-CONTROL-MIB::dialCtlPeerCfgPermission.2000.90 = INTEGER: both(3)
DIAL-CONTROL-MIB::dialCtlPeerCfgInactivityTimer.1000.91 = INTEGER: 0 seconds
DIAL-CONTROL-MIB::dialCtlPeerCfgInactivityTimer.2000.90 = INTEGER: 0 seconds
DIAL-CONTROL-MIB::dialCtlPeerCfgMinDuration.1000.91 = INTEGER: 0
DIAL-CONTROL-MIB::dialCtlPeerCfgMinDuration.2000.90 = INTEGER: 0
DIAL-CONTROL-MIB::dialCtlPeerCfgMaxDuration.1000.91 = INTEGER: 0
DIAL-CONTROL-MIB::dialCtlPeerCfgMaxDuration.2000.90 = INTEGER: 0
DIAL-CONTROL-MIB::dialCtlPeerCfgCarrierDelay.1000.91 = INTEGER: 0 seconds
DIAL-CONTROL-MIB::dialCtlPeerCfgCarrierDelay.2000.90 = INTEGER: 0 seconds
DIAL-CONTROL-MIB::dialCtlPeerCfgCallRetries.1000.91 = INTEGER: 0
DIAL-CONTROL-MIB::dialCtlPeerCfgCallRetries.2000.90 = INTEGER: 0
DIAL-CONTROL-MIB::dialCtlPeerCfgRetryDelay.1000.91 = INTEGER: 0 seconds
DIAL-CONTROL-MIB::dialCtlPeerCfgRetryDelay.2000.90 = INTEGER: 0 seconds
DIAL-CONTROL-MIB::dialCtlPeerCfgFailureDelay.1000.91 = INTEGER: 0 seconds
DIAL-CONTROL-MIB::dialCtlPeerCfgFailureDelay.2000.90 = INTEGER: 0 seconds
DIAL-CONTROL-MIB::dialCtlPeerCfgTrapEnable.1000.91 = INTEGER: disabled(2)
DIAL-CONTROL-MIB::dialCtlPeerCfgTrapEnable.2000.90 = INTEGER: disabled(2)
DIAL-CONTROL-MIB::dialCtlPeerCfgStatus.1000.91 = INTEGER: active(1)
DIAL-CONTROL-MIB::dialCtlPeerCfgStatus.2000.90 = INTEGER: active(1)
DIAL-CONTROL-MIB::dialCtlPeerStatsConnectTime.1000.91 = Gauge32: 0 seconds
DIAL-CONTROL-MIB::dialCtlPeerStatsConnectTime.2000.90 = Gauge32: 0 seconds
```

```
DIAL-CONTROL-MIB::dialCtlPeerStatsChargedUnits.1000.91 = Gauge32: 0
DIAL-CONTROL-MIB::dialCtlPeerStatsChargedUnits.2000.90 = Gauge32: 0
DIAL-CONTROL-MIB::dialCtlPeerStatsSuccessCalls.1000.91 = Gauge32: 0
DIAL-CONTROL-MIB::dialCtlPeerStatsSuccessCalls.2000.90 = Gauge32: 0
DIAL-CONTROL-MIB::dialCtlPeerStatsFailCalls.1000.91 = Gauge32: 0
DIAL-CONTROL-MIB::dialCtlPeerStatsFailCalls.2000.90 = Gauge32: 0
DIAL-CONTROL-MIB::dialCtlPeerStatsAcceptCalls.1000.91 = Gauge32: 0
DIAL-CONTROL-MIB::dialCtlPeerStatsAcceptCalls.2000.90 = Gauge32: 0
DIAL-CONTROL-MIB::dialCtlPeerStatsRefuseCalls.1000.91 = Gauge32: 0
DIAL-CONTROL-MIB::dialCtlPeerStatsRefuseCalls.2000.90 = Gauge32: 0
DIAL-CONTROL-MIB::dialCtlPeerStatsLastDisconnectCause.1000.91 = ""
DIAL-CONTROL-MIB::dialCtlPeerStatsLastDisconnectCause.2000.90 = ""
DIAL-CONTROL-MIB::dialCtlPeerStatsLastDisconnectText.1000.91 = STRING:
DIAL-CONTROL-MIB::dialCtlPeerStatsLastDisconnectText.2000.90 = STRING:
DIAL-CONTROL-MIB::dialCtlPeerStatsLastSetupTime.1000.91 = Timeticks:
(1102966) 3:03:49.66
DIAL-CONTROL-MIB::dialCtlPeerStatsLastSetupTime.2000.90 = Timeticks:
(1102799) 3:03:47.99
DIAL-CONTROL-MIB::callActivePeerAddress.1102799.1 = STRING: 2000
DIAL-CONTROL-MIB::callActivePeerAddress.1102966.1 = STRING: 1000
DIAL-CONTROL-MIB::callActivePeerSubAddress.1102799.1 = STRING:
DIAL-CONTROL-MIB::callActivePeerSubAddress.1102966.1 = STRING:
DIAL-CONTROL-MIB::callActivePeerId.1102799.1 = INTEGER: 2000
DIAL-CONTROL-MIB::callActivePeerId.1102966.1 = INTEGER: 1000
DIAL-CONTROL-MIB::callActivePeerIfIndex.1102799.1 = INTEGER: 90
DIAL-CONTROL-MIB::callActivePeerIfIndex.1102966.1 = INTEGER: 91
DIAL-CONTROL-MIB::callActiveLogicalIfIndex.1102799.1 = INTEGER: 37
DIAL-CONTROL-MIB::callActiveLogicalIfIndex.1102966.1 = INTEGER: 0
DIAL-CONTROL-MIB::callActiveConnectTime.1102799.1 = Timeticks:
(1104123) 3:04:01.23
DIAL-CONTROL-MIB::callActiveConnectTime.1102966.1 = Timeticks:
(1104123) 3:04:01.23
DIAL-CONTROL-MIB::callActiveCallState.1102799.1 = INTEGER: active(4)
DIAL-CONTROL-MIB::callActiveCallState.1102966.1 = INTEGER: active(4)
DIAL-CONTROL-MIB::callActiveCallOrigin.1102799.1 = INTEGER: answer(2)
DIAL-CONTROL-MIB::callActiveCallOrigin.1102966.1 = INTEGER: originate(1)
DIAL-CONTROL-MIB::callActiveChargedUnits.1102799.1 = Gauge32: 0
DIAL-CONTROL-MIB::callActiveChargedUnits.1102966.1 = Gauge32: 0
DIAL-CONTROL-MIB::callActiveInfoType.1102799.1 = INTEGER: speech(2)
DIAL-CONTROL-MIB::callActiveInfoType.1102966.1 = INTEGER: speech(2)
DIAL-CONTROL-MIB::callActiveTransmitPackets.1102799.1 = Gauge32: 7875641
DIAL-CONTROL-MIB::callActiveTransmitPackets.1102966.1 = Gauge32: 7875388
DIAL-CONTROL-MIB::callActiveTransmitBytes.1102799.1 = Gauge32: 157512782
DIAL-CONTROL-MIB::callActiveTransmitBytes.1102966.1 = Gauge32: 157507741
DIAL-CONTROL-MIB::callActiveReceivePackets.1102799.1 = Gauge32: 7875955
DIAL-CONTROL-MIB::callActiveReceivePackets.1102966.1 = Gauge32: 7875641
DIAL-CONTROL-MIB::callActiveReceiveBytes.1102799.1 = Gauge32: 157519081
DIAL-CONTROL-MIB::callActiveReceiveBytes.1102966.1 = Gauge32: 157512782
DIAL-CONTROL-MIB::callHistoryTableMaxLength.0 = INTEGER: 50
DIAL-CONTROL-MIB::callHistoryRetainTimer.0 = INTEGER: 15 minutes
```

Informações Relacionadas

- Ferramentas MIB do Cisco IOS
- Cisco SNMP Object Navigator
- Notas técnicas de SNMP
- Suporte Técnico e Documentação - Cisco Systems