

# VoIP ضرع رم اوأل ةئفاكم MIB تانئاك

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## المقدمة

يغطي هذا المستند كائنات قاعدة معلومات الإدارة (MIB) المكافئة التي توفر قطع المعلومات المضمنة في أوامر التحقق من اتصال الصوت عبر بروتوكول الإنترنت (VoIP) المختلفة. يمكن لتطبيقات NMS و/أو البرامج النصية استخدام هذه المعلومات.

## المتطلبات الأساسية

### المتطلبات

لا توجد متطلبات خاصة لهذا المستند.

### المكونات المستخدمة

لا يقيد هذا وثيقة إلى خاص برمجية صيغة. ومع ذلك، فإنه تتم كتابته خصيصا لموجه من السلسلة Cisco 3600 Series مع بطاقة NM-2V.

تم إنشاء المعلومات الواردة في هذا المستند من الأجهزة الموجودة في بيئة معملية خاصة. بدأت جميع الأجهزة المستخدمة في هذا المستند بتكوين ممسوح (افتراضي). إذا كانت شبكتك مباشرة، فتأكد من فهمك للتأثير المحتمل لأي أمر.

### الاصطلاحات

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

## التكوين

يوضح هذا الإخراج جزءا ذا صلة من التكوين الذي يستخدمه هذا المستند:

```
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
```

## VoIP أوامر

تظهر هذه الأقسام كائنات MIB التي تتوافق مع مخرجات أوامر التحقق من صحة VoIP هذه:

• [show voice port summary](#) (لبطاقة NM-2V فقط)

• [إظهار ملخص المكالمات الصوتية](#)

• [show dial-peer voice summary](#)

• [show call active voice brief](#) (للنظام الأساسي Cisco 3600 فقط)

• [إظهار DSP الصوتي](#) (لبطاقة NM-HDV فقط)

يمكن إستخراج المعلومات التي تحتوي عليها أوامر التحقق من بروتوكول VoIP هذه من IF-MIB و Cisco-voice-if-MIB و Cisco-voice-analog-if-MIB و Cisco-voice-dial-control-MIB و dial-control-MIB و Cisco-DSP-MIB و .mgmt-MIB

ملاحظة: في هذه الأمثلة، تفهرس الساق الهاتفية بحسب رقم 1102799، وتفهرس رقم H.323 بحسب رقم 1102966.

### [show voice port summary](#)

ملاحظة: النص الغامق في الأمر [show voice port summary](#) يتم تلخيصه في قسم [كائنات MIB المكافئة](#).

```

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

```

### كائنات قاعدة معلومات الإدارة (MIB) المكافئة

```

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

```

ملاحظة: لا يحتفظ أي كائن قاعدة معلومات الإدارة بالقيمة المضمنة في جزء CH من الأمر `show voice port summary` عند استخدام بطاقة NM-2V.

### إظهار ملخص المكالمات الصوتية

ملاحظة: يتم توضيح النص الغامق في الأمر `show voice call summary` في قسم عناصر MIB المكافئة.

```

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

```

### كائنات قاعدة معلومات الإدارة (MIB) المكافئة

```

B1 - IF-MIB::ifDescr.37 = STRING: Foreign Exchange Station 2/0/0
.B2 - CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveCoderTypeRate
      (INTEGER: ietfg729r8000(25 = 1102966.1
.B3 - CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveVADEnable
      (INTEGER: true(1 = 1102966.1

```

ملاحظة: لا يوجد عنصر قاعدة معلومات الإدارة (MIB) يحتفظ بمزود خدمة الهاتف الصوتي (VTSP) وحالات VPM بشكل فردي. أستخدم `callActiveCallState` من `dial-control-MIB` بدلا من ذلك.

### show dial-peer voice summary

ملاحظة: يتم توضيح النص الغامق في الأمر `show dial-peer voice summary` في قسم كائنات MIB المكافئة.

```

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
(C1) pots(C2) up(C3) up(C4) 9(C5) 2000(C6) 0(C7) 2/0/0(C8)2000

```

(voip up up 1000 0 syst ipv4:172.16.99.22(c9 1000

## كائنات قاعدة معلومات الإدارة (MIB) المكافئة

```
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
```

ملاحظة: لا يحتفظ أي كائن MIB بالقيمة الموجودة في جزء طريقة PASS THRU للمودم من الأمر `show dial-peer summary`.

## إظهار ملخص الصوت النشط

ملاحظة: النص الغامق في أمر `show call active voice brief` يتم توضيحه في قسم كائنات MIB المكافئة.

```
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

## كائنات قاعدة معلومات الإدارة (MIB) المكافئة

**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  
3:04:01.23 (1104123)  
,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  
Gauge32: 157515460 milliseconds = 1102799.1

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

**D14** - CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveCoderTypeRate  
(INTEGER: ietfg729r8000(25 = 1102799.1

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

**D16** - CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveACOMLevel  
INTEGER: 5 dB = 1102799.1

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

- .D18 - CISCO-VOICE-DIAL-CONTROL-MIB::cvCallActiveOutSignalLevel  
INTEGER: -46 dBm = 1102799.1
- .D19 - CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveRemoteIPAddress  
IpAddress: 172.16.99.22 = 1102966.1
- .D20 - CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveRemoteUDPPort  
INTEGER: 19066 = 1102966.1
- .D21 - CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveRoundTripDelay  
Gauge32: 6 milliseconds = 1102966.1
- .D22 - CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveOnTimeRvPlayout  
Gauge32: 157496940 milliseconds = 1102966.1
- .D23 - CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveGapFillWithSilence  
Gauge32: 1090 milliseconds = 1102966.1
- .CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveGapFillWithPrediction -  
Gauge32: 3680 milliseconds = 1102966.1
- .CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveGapFillWithInterpolation -  
Gauge32: 0 milliseconds = 1102966.1
- .D24 - CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveLostPackets  
Gauge32: 52 packets = 1102966.1
- .D25 - CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveEarlyPackets  
Gauge32: 1 packets = 1102966.1
- .D26 - CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveLatePackets  
Gauge32: 325 packets = 1102966.1
- .D27 - CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveReceiveDelay  
Gauge32: 67 = 1102966.1
- .D28 - CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveLoWaterPlayoutDelay  
Gauge32: 55 milliseconds = 1102966.1
- .D29 - CISCO-VOICE-DIAL-CONTROL-MIB::cvVoIPCallActiveHiWaterPlayoutDelay  
Gauge32: 132 milliseconds = 1102966.1

**ملاحظة:** يتم الحصول على قيمة GapFill الخاصة بالأمر **show call voice brief** عند إضافة كائنات SNMP و **cvVoIPCallActiveGapFillWithPredict** و **cvVoIPCallActiveGapFillWithSilence** و **cvVoIPCallActiveGapFillWithInteration**

## إظهار DSP الصوتي

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
medium}	4.1.31	IDLE	idle		0	1/0:0	06	0		0/0}	02		
medium}	4.1.31	IDLE	idle		0	1/0:0	07	0		0/0}	03		
medium}	4.1.31	IDLE	idle		0	1/0:0	08	0		0/0}	04		
C549	010	01	{medium}	4.1.31	IDLE	idle	0	0	1/0:0	09	0		0/0
medium}	4.1.31	IDLE	idle		0	1/0:0	10	0		0/0}	02		
medium}	4.1.31	IDLE	idle		0	1/0:0	11	0		0/0}	03		
medium}	4.1.31	IDLE	idle		0	1/0:0	12	0		0/0}	04		
C549	011	01	{medium}	4.1.31	IDLE	idle	0	0	1/0:0	13	0		0/0
medium}	4.1.31	IDLE	idle		0	1/0:0	14	0		0/0}	02		
medium}	4.1.31	IDLE	idle		0	1/0:0	15	0		0/0}	03		

```

medium} 4.1.31 IDLE idle 0 1/0:0 16 0 0/0} 04
C549 012 01 {medium} 4.1.31 IDLE idle 0 0 1/0:0 17 0 0/0
medium} 4.1.31 IDLE idle 0 1/0:0 18 0 0/0} 02
medium} 4.1.31 IDLE idle 0 1/0:0 19 0 0/0} 03
medium} 4.1.31 IDLE idle 0 1/0:0 20 0 0/0} 04
C549 013 01 {medium} 4.1.31 IDLE idle 0 0 1/0:0 21 0 0/0
medium} 4.1.31 IDLE idle 0 1/0:0 22 0 0/0} 02
medium} 4.1.31 IDLE idle 0 1/0:0 23 0 0/12} 03
g729r8 4.1.31 busy idle 0 1/0:0 24 0 176/56702 04
C549 014 01 {medium} 4.1.31 IDLE idle 0 0 1/0:0 01 0 0/27
medium} 4.1.31 IDLE idle 0 1/0:0 02 0 0/12} 02
medium} 4.1.31 IDLE idle 0 1/0:0 03 0 0/12} 03
medium} 4.1.31 IDLE idle 0 1/0:0 04 0 0/12} 04

```

فيما يلي بعض كائنات MIB المفيدة التي توفر معلومات حول المكالمات النشطة في إخراج المثال من الأمر `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

```

**ملاحظة:** قاعدة معلومات الإدارة (MIB) التي تحتوي على معلومات `show voice dsp` هي `Cisco-DSP-MGMT-MIB`. ومع ذلك، نظراً لمعرفة تصحيح الأخطاء من Cisco CSCeb62542 لبطاقة NM-2V، لا يتم عرض DSPs على NM-2V في ENTITY-MIB. نظراً لأن `cdspCardStatusTable` يعتمد على `entPhysicalIndex` ل ENTITY-MIB، فإن `cdspCardStatusTable` غير معبأ لبطاقة NM-2V.

## [الملحق](#)

يُعرض هذا الإخراج الحركة الكاملة ل `CiscoVoiceAnalogIfMIB` من `Cisco-Voice-analog-IF-MIB` في وقت أوامر التحقق من بروتوكول VoIP الموضحة في هذا المستند:

```

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
```

يعرض هذا الإخراج الحركة الكاملة ل CiscoVoiceInterfaceMIB من Cisco-VOICE-IF-MIB في وقت أوامر التحقق من بروتوكول VoIP الموضحة في هذا المستند:

```
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
```

يعرض هذا الإخراج الحركة الكاملة ل CiscoVoiceDialControlMIB من Cisco-Voice-Dial-Control-MIB في وقت أوامر التحقق من بروتوكول VoIP الموضحة في هذا المستند:

```
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: g729IETF8000(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

```

يعرض هذا الإخراج الحركة الكاملة لـ CiscoVoiceCommonDialControlMIB من Cisco-Voice-Dial-Control- MIB في وقت أوامر التحقق من بروتوكول VoIP الموضحة في هذا المستند:

```

:snmpwalk -c public 172.16.100.20 CISCO-VOICE-COMMON-DIAL-CONTROL-MIB
ciscoVoiceCommonDialControlMIB
.CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveConnectionId
Hex-STRING: 53 98 B1 3F EB B7 11 D7 80 02 AA AD C2 77 19 FC = 1102966.1
.CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveVADEnable

```

```

(INTEGER: true(1 = 1102966.1
.CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveCoderTypeRate
(INTEGER: ietfg729r8000(25 = 1102966.1
.CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveCodecBytes
INTEGER: 20 = 1102966.1
.CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveInBandSignaling
(INTEGER: cas(1 = 1102966.1
.CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveEntry.6
" = 1102966.1
.CISCO-VOICE-COMMON-DIAL-CONTROL-MIB::cvCommonDcCallActiveEntry.7
INTEGER: 2 = 1102966.1

```

يعرض هذا الإخراج الحركة الكاملة ل dialControlMIB من dial-control-MIB في وقت أوامر التحقق من بروتوكول VoIP الموضحة في هذا المستند:

```

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
3:03:49.66 (1102966)
:DIAL-CONTROL-MIB::dialCtlPeerStatsLastSetupTime.2000.90 = Timeticks
3:03:47.99 (1102799)
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
3:04:01.23 (1104123)
:DIAL-CONTROL-MIB::callActiveConnectTime.1102966.1 = Timeticks
3:04:01.23 (1104123)
(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
```

## معلومات ذات صلة

- [أدوات IOS MIB من Cisco](#)
- [متصفح كائن SNMP \(بروتوكول إدارة الشبكات البسيط\) من Cisco](#)
- [ملاحظات SNMP الفنية](#)
- [الدعم التقني والمستندات - Cisco Systems](#)

ةمچرتل هذه لوج

ةللأل تاي نقتل نم ةومچم مادختساب دن تسمل اذه Cisco تچرت  
ملاعلاء انءمچ يف نيمدختسمل معدى وتحم مي دقتل ةيرشبل او  
امك ةقيد نوك تنل ةللأل ةمچرت لصف أن ةظحال مچرئ. ةصاغل مهتبل ب  
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