

Equivalent MIB Objects for Frame Relay show Commands

Document ID: 63605

Introduction

Prerequisites

- Requirements

- Components Used

- Conventions

Configuration

Frame Relay Commands

- show traffic-shape

- show traffic-shape statistics

- show frame-relay pvc

- show frame-relay map

Appendix

- NetPro Discussion Forums – Featured Conversations

- Related Information

Introduction

This document covers the equivalent MIB objects that provide the pieces of information contained in various Frame Relay verification commands. NMS applications and/or scripts can potentially use this information.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

This document is not restricted to specific software and hardware versions.

Conventions

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

Configuration

This output shows a relevant portion of the configuration that this document uses:

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

Current configuration : 2045 bytes
!
version 12.1
```

```

...
!
interface Serial3/1/0
  no ip address
  encapsulation frame-relay
  no fair-queue
  frame-relay traffic-shaping
  frame-relay lmi-type cisco
!
interface Serial3/1/0.100 point-to-point
  description to FRSpoke1
  ip address 10.1.1.1 255.255.255.252
  frame-relay interface-dlci 401
  class 512K
!
interface Serial3/1/0.120 point-to-point
  description to FRSpoke2
  ip address 10.1.2.1 255.255.255.252
  frame-relay interface-dlci 402
  class 768K
!
...
!
map-class frame-relay 512K
  frame-relay mincir 512000
  frame-relay traffic-rate 512000 768000
  frame-relay adaptive-shaping becn
!
map-class frame-relay 768K
  frame-relay mincir 768000
  frame-relay traffic-rate 768000 1536000
  no frame-relay adaptive-shaping
snmp-server community public RO
!
...
end

```

Frame Relay Commands

These sections show the MIB objects that correspond to the output of these Frame Relay verification commands:

- **show traffic-shape**
- **show traffic-shape statistics**
- **show frame-relay pvc**
- **show frame-relay map**

The information contained in these Frame Relay verification commands can be extracted from RFC1315-MIB and CISCO-FRAME-RELAY-MIB.

show traffic-shape

Note: The bold text in the **show traffic-shape** command is outlined in the Equivalent MIB Objects section.

```

FrameRelayHub#show traffic-shape

Interface   Se3/1/0.100
  Access Target   Byte      Sustain    Excess     Interval  Increment Adapt
VC          List   Rate      Limit      bits/int   bits/int   (ms)      (bytes)   Active

```

401(A1)	512000(A2)	40000(A3)	512000(A4)	256000(A5)	125(A6)	8000(A7)	-(A8)	
Interface	Se3/1/0.120							
	Access Target	Byte	Sustain	Excess	Interval	Increment	Adapt	
VC	List	Rate	Limit	bits/int	bits/int	(ms)	(bytes)	Active
402		768000	102000	768000	768000	63	6048	BECN

Equivalent MIB Objects

A1 RFC1315-MIB::frCircuitDlci.1.401 = INTEGER: 401
RFC1315-MIB::frCircuitDlci.1.402 = INTEGER: 402

A2 RFC1315-MIB::frCircuitCommittedBurst.1.401 = INTEGER: 512000
RFC1315-MIB::frCircuitCommittedBurst.1.402 = INTEGER: 768000
CISCO-FRAME-RELAY-MIB::cfrExtCircuitMinThruputOut.1.401 =
INTEGER: 512000 bits per second
CISCO-FRAME-RELAY-MIB::cfrExtCircuitMinThruputOut.1.402 =
INTEGER: 768000 bits per second

A3 CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeByteLimit.1.401 =
INTEGER: 40000 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeByteLimit.1.402 =
INTEGER: 102000 octets

A4 RFC1315-MIB::frCircuitThroughput.1.401 = INTEGER: 512000
RFC1315-MIB::frCircuitThroughput.1.402 = INTEGER: 768000

A5 RFC1315-MIB::frCircuitExcessBurst.1.401 = INTEGER: 256000
RFC1315-MIB::frCircuitExcessBurst.1.402 = INTEGER: 768000

A6 CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeInterval.1.401 =
INTEGER: 125 milliseconds
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeInterval.1.402 =
INTEGER: 63 milliseconds

A7 CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeByteIncrement.1.401 =
INTEGER: 8000 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeByteIncrement.1.402 =
INTEGER: 6048 octets

A8 CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeAdapting.1.401 = INTEGER: none(1)
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeAdapting.1.402 = INTEGER: becn(2)

Note: No MIB Object maintains the value contained in the Access List portion of the **show traffic-shape** command.

show traffic-shape statistics

Note: The bold text in the **show traffic-shape statistics** command is outlined in the Equivalent MIB Objects section.

```
FrameRelayHub#show traffic-shape statistics
      Acc. Queue Packets   Bytes   Packets   Bytes   Shaping
      List Depth          Bytes   Delayed   Delayed   Active
Se3/1/0.100(B1)           0    105(B2)  37155(B3)  0(B4)    0(B5)    no(B6)
Se3/1/0.120              0     95      36130      0         0         no
```

Equivalent MIB Objects

- B1** CISCO-FRAME-RELAY-MIB::cfrExtCircuitIfName.1.401 = STRING: Serial3/1/0.100
CISCO-FRAME-RELAY-MIB::cfrExtCircuitIfName.1.402 = STRING: Serial3/1/0.120
- B2** CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapePkts.1.401 = Counter32: 105
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapePkts.1.402 = Counter32: 95
- B3** CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeBytes.1.401 = Counter32: 37155 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeBytes.1.402 = Counter32: 36130 octets
- B4** CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapePktsDelay.1.401 = Counter32: 0
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapePktsDelay.1.402 = Counter32: 0
- B5** CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeBytesDelay.1.401 = Counter32: 0 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeBytesDelay.1.402 = Counter32: 0 octets
- B6** CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeActive.1.401 = INTEGER: false(2)
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeActive.1.402 = INTEGER: false(2)

Note: No MIB Object maintains the value contained in the Access List or Queue Depth portions of the **show traffic-shape** command.

Note: The cfrExtCircuitEntry MIB object from CISCO-FRAME-RELAY-MIB does not monitor the **show traffic-shape statistics** command when Generic Traffic Shaping (GTS) is enabled. It only monitors the command when Frame Relay Traffic Shaping is configured. There are no MIB Objects that monitor the **show traffic-shape statistics** CLI command when GTS is configured.

show frame-relay pvc

Note: The bold text in the **show frame-relay pvc** command is outlined in the Equivalent MIB Objects section.

```
FrameRelayHub#show frame-relay pvc
```

```
PVC Statistics for interface Serial3/1/0 (Frame Relay DTE)
```

	Active	Inactive	Deleted	Static
Local	2	0	0	0
Switched	0	0	0	0
Unused	0	0	0	0

```
DLCI = 401(C1), DLCI USAGE = LOCAL, PVC STATUS = ACTIVE(C2),  
INTERFACE = Serial3/1/0.100(C3)
```

```
input pkts 11(C4)          output pkts 104(C5)      in bytes 1074(C6)  
out bytes 37121(C7)       dropped pkts 0          in FECN pkts 0(C8)  
in BECN pkts 0(C9)       out FECN pkts 0(C10)   out BECN pkts 0(C11)  
in DE pkts 0(C12)        out DE pkts 0(C13)  
out bcast pkts 94(C14)   out bcast bytes 36081(C15)  
Shaping adapts to BECN(C16)  
pvc create time 01:37:22(C17), last time pvc status changed 01:31:03(C18)
```

```
DLCI = 402, DLCI USAGE = LOCAL, PVC STATUS = ACTIVE, INTERFACE = Serial3/1/0.120
```

```
input pkts 1              output pkts 94          in bytes 34
```

```

out bytes 36096          dropped pkts 0          in FECN pkts 0
in BECN pkts 0         out FECN pkts 0       out BECN pkts 0
in DE pkts 0           out DE pkts 0
out bcast pkts 94      out bcast bytes 36096
pvc create time 01:37:24, last time pvc status changed 01:31:04

```

Equivalent MIB Objects

- C1** RFC1315-MIB::frCircuitDlci.1.401 = INTEGER: 401
 RFC1315-MIB::frCircuitDlci.1.402 = INTEGER: 402
- C2** RFC1315-MIB::frCircuitState.1.401 = INTEGER: active(2)
 RFC1315-MIB::frCircuitState.1.402 = INTEGER: active(2)
- C3** CISCO-FRAME-RELAY-MIB::cfrExtCircuitIfName.1.401 = STRING: Serial3/1/0.100
 CISCO-FRAME-RELAY-MIB::cfrExtCircuitIfName.1.402 = STRING: Serial3/1/0.120
- C4** RFC1315-MIB::frCircuitReceivedFrames.1.401 = Counter32: 11
 RFC1315-MIB::frCircuitReceivedFrames.1.402 = Counter32: 1
- C5** RFC1315-MIB::frCircuitReceivedOctets.1.401 = Counter32: 1074
 RFC1315-MIB::frCircuitReceivedOctets.1.402 = Counter32: 34
- C6** RFC1315-MIB::frCircuitSentFrames.1.401 = Counter32: 104
 RFC1315-MIB::frCircuitSentFrames.1.402 = Counter32: 94
- C7** RFC1315-MIB::frCircuitSentOctets.1.401 = Counter32: 37121
 RFC1315-MIB::frCircuitSentOctets.1.402 = Counter32: 36096
- C8** RFC1315-MIB::frCircuitReceivedFECNs.1.401 = Counter32: 0
 RFC1315-MIB::frCircuitReceivedFECNs.1.402 = Counter32: 0
- C9** RFC1315-MIB::frCircuitReceivedBECNs.1.401 = Counter32: 0
 RFC1315-MIB::frCircuitReceivedBECNs.1.402 = Counter32: 0
- C10** CISCO-FRAME-RELAY-MIB::cfrExtCircuitFECNOuts.1.401 = Counter32: 0
 CISCO-FRAME-RELAY-MIB::cfrExtCircuitFECNOuts.1.402 = Counter32: 0
- C11** CISCO-FRAME-RELAY-MIB::cfrExtCircuitBECNOuts.1.401 = Counter32: 0
 CISCO-FRAME-RELAY-MIB::cfrExtCircuitBECNOuts.1.402 = Counter32: 0
- C12** CISCO-FRAME-RELAY-MIB::cfrCircuitDEins.1.401 = Counter32: 0 packets
 CISCO-FRAME-RELAY-MIB::cfrCircuitDEins.1.402 = Counter32: 0 packets
- C13** CISCO-FRAME-RELAY-MIB::cfrCircuitDEouts.1.401 = Counter32: 0 packets
 CISCO-FRAME-RELAY-MIB::cfrCircuitDEouts.1.402 = Counter32: 0 packets
- C14** CISCO-FRAME-RELAY-MIB::cfrExtCircuitBcastPktOuts.1.401 = Counter32: 94
 CISCO-FRAME-RELAY-MIB::cfrExtCircuitBcastPktOuts.1.402 = Counter32: 94
- C15** CISCO-FRAME-RELAY-MIB::cfrExtCircuitBcastByteOuts.1.401 = Counter32: 36081
 CISCO-FRAME-RELAY-MIB::cfrExtCircuitBcastByteOuts.1.402 = Counter32: 36096
- C16** CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeAdapting.1.401 = INTEGER: becn(2)
 CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeAdapting.1.402 = INTEGER: none(1)
- C17** RFC1315-MIB::frCircuitCreationTime.1.401 = Timeticks: (433) 0:00:04.33
 RFC1315-MIB::frCircuitCreationTime.1.402 = Timeticks: (436) 0:00:04.36
- C18** RFC1315-MIB::frCircuitLastTimeChange.1.401 = Timeticks: (38350) 0:06:23.50
 RFC1315-MIB::frCircuitLastTimeChange.1.402 = Timeticks: (38350) 0:06:23.50

show frame-relay map

Note: The bold text in the **show frame-relay map** command is outlined in the Equivalent MIB Objects section.

```
FrameRelayHub#show frame-relay map
Serial3/1/0.100(D1) (up): point-to-point(D2) dlci, dlci 401(D3)(0x191,0x6410),
    broadcast(D4)
    status defined, active(D5)
Serial3/1/0.120 (up): point-to-point dlci, dlci 402(0x192,0x6420), broadcast
    status defined, active
```

Equivalent MIB Objects

D1	CISCO-FRAME-RELAY-MIB::cfrExtCircuitIfName.1.401 = STRING: Serial3/1/0.100 CISCO-FRAME-RELAY-MIB::cfrExtCircuitIfName.1.402 = STRING: Serial3/1/0.120
D2	CISCO-FRAME-RELAY-MIB::cfrExtCircuitIfType.1.401 = INTEGER: pointToPoint(2) CISCO-FRAME-RELAY-MIB::cfrExtCircuitIfType.1.402 = INTEGER: pointToPoint(2)
D3	RFC1315-MIB::frCircuitDlci.1.401 = INTEGER: 401 RFC1315-MIB::frCircuitDlci.1.402 = INTEGER: 402
D4	CISCO-FRAME-RELAY-MIB::cfrMapBroadcast.1.401.1 = INTEGER: true(1) CISCO-FRAME-RELAY-MIB::cfrMapBroadcast.1.402.1 = INTEGER: true(1)
D5	RFC1315-MIB::frCircuitState.1.401 = INTEGER: active(2) RFC1315-MIB::frCircuitState.1.402 = INTEGER: active(2)

Note: The cfrExtCircuitBandwidth MIB object from CISCO-FRAME-RELAY-MIB monitors the BW value of the **show frame-relay map** output if it is available. This value is provided in the LMI from the Telco's Frame Relay switch.

Appendix

This output shows the complete **snmpwalk** of frCircuitEntry from RFC1315-MIB at the time of the Frame Relay verification commands shown in this document:

```
snmpwalk -c public 172.16.140.250 RFC1315-MIB:frCircuitEntry
RFC1315-MIB::frCircuitIfIndex.1.401 = INTEGER: 1
RFC1315-MIB::frCircuitIfIndex.1.402 = INTEGER: 1
RFC1315-MIB::frCircuitDlci.1.401 = INTEGER: 401
RFC1315-MIB::frCircuitDlci.1.402 = INTEGER: 402
RFC1315-MIB::frCircuitState.1.401 = INTEGER: active(2)
RFC1315-MIB::frCircuitState.1.402 = INTEGER: active(2)
RFC1315-MIB::frCircuitReceivedFECNs.1.401 = Counter32: 0
RFC1315-MIB::frCircuitReceivedFECNs.1.402 = Counter32: 0
RFC1315-MIB::frCircuitReceivedBECNs.1.401 = Counter32: 0
RFC1315-MIB::frCircuitReceivedBECNs.1.402 = Counter32: 0
RFC1315-MIB::frCircuitSentFrames.1.401 = Counter32: 104
RFC1315-MIB::frCircuitSentFrames.1.402 = Counter32: 94
RFC1315-MIB::frCircuitSentOctets.1.401 = Counter32: 37121
RFC1315-MIB::frCircuitSentOctets.1.402 = Counter32: 36096
RFC1315-MIB::frCircuitReceivedFrames.1.401 = Counter32: 11
RFC1315-MIB::frCircuitReceivedFrames.1.402 = Counter32: 1
RFC1315-MIB::frCircuitReceivedOctets.1.401 = Counter32: 1074
RFC1315-MIB::frCircuitReceivedOctets.1.402 = Counter32: 34
RFC1315-MIB::frCircuitCreationTime.1.401 = Timeticks: (433) 0:00:04.33
RFC1315-MIB::frCircuitCreationTime.1.402 = Timeticks: (436) 0:00:04.36
```

```

RFC1315-MIB::frCircuitLastTimeChange.1.401 = Timeticks: (38350) 0:06:23.50
RFC1315-MIB::frCircuitLastTimeChange.1.402 = Timeticks: (38350) 0:06:23.50
RFC1315-MIB::frCircuitCommittedBurst.1.401 = INTEGER: 512000
RFC1315-MIB::frCircuitCommittedBurst.1.402 = INTEGER: 768000
RFC1315-MIB::frCircuitExcessBurst.1.401 = INTEGER: 256000
RFC1315-MIB::frCircuitExcessBurst.1.402 = INTEGER: 768000
RFC1315-MIB::frCircuitThroughput.1.401 = INTEGER: 512000
RFC1315-MIB::frCircuitThroughput.1.402 = INTEGER: 768000

```

This output shows the complete **snmpwalk** of **cfrExtCircuitEntry** from **CISCO-FRAME-RELAY-MIB** at the time of the Frame Relay verification commands shown in this document:

```

snmpwalk -c public 172.16.140.250 CISCO-FRAME-RELAY-MIB:cfrExtCircuitEntry
CISCO-FRAME-RELAY-MIB::cfrExtCircuitIfName.1.401 = STRING: Serial3/1/0.100
CISCO-FRAME-RELAY-MIB::cfrExtCircuitIfName.1.402 = STRING: Serial3/1/0.120
CISCO-FRAME-RELAY-MIB::cfrExtCircuitIfType.1.401 = INTEGER: pointToPoint(2)
CISCO-FRAME-RELAY-MIB::cfrExtCircuitIfType.1.402 = INTEGER: pointToPoint(2)
CISCO-FRAME-RELAY-MIB::cfrExtCircuitSubifIndex.1.401 = INTEGER: 7
CISCO-FRAME-RELAY-MIB::cfrExtCircuitSubifIndex.1.402 = INTEGER: 8
CISCO-FRAME-RELAY-MIB::cfrExtCircuitMapStatus.1.401 = INTEGER: 63
CISCO-FRAME-RELAY-MIB::cfrExtCircuitMapStatus.1.402 = INTEGER: 63
CISCO-FRAME-RELAY-MIB::cfrExtCircuitCreateType.1.401 = INTEGER: static(2)
CISCO-FRAME-RELAY-MIB::cfrExtCircuitCreateType.1.402 = INTEGER: static(2)
CISCO-FRAME-RELAY-MIB::cfrExtCircuitMulticast.1.401 = INTEGER: false(2)
CISCO-FRAME-RELAY-MIB::cfrExtCircuitMulticast.1.402 = INTEGER: false(2)
CISCO-FRAME-RELAY-MIB::cfrExtCircuitRoutedDlci.1.401 = INTEGER: 0
CISCO-FRAME-RELAY-MIB::cfrExtCircuitRoutedDlci.1.402 = INTEGER: 0
CISCO-FRAME-RELAY-MIB::cfrExtCircuitRoutedIf.1.401 = INTEGER: 0
CISCO-FRAME-RELAY-MIB::cfrExtCircuitRoutedIf.1.402 = INTEGER: 0
CISCO-FRAME-RELAY-MIB::cfrExtCircuitUncompressIns.1.401 = Counter32: 1074 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitUncompressIns.1.402 = Counter32: 34 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitUncompressOuts.1.401 = Counter32: 37121 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitUncompressOuts.1.402 = Counter32: 36096 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitFECNOuts.1.401 = Counter32: 0
CISCO-FRAME-RELAY-MIB::cfrExtCircuitFECNOuts.1.402 = Counter32: 0
CISCO-FRAME-RELAY-MIB::cfrExtCircuitBECNOuts.1.401 = Counter32: 0
CISCO-FRAME-RELAY-MIB::cfrExtCircuitBECNOuts.1.402 = Counter32: 0
CISCO-FRAME-RELAY-MIB::cfrExtCircuitMinThruputOut.1.401 =
INTEGER: 512000 bits per second
CISCO-FRAME-RELAY-MIB::cfrExtCircuitMinThruputOut.1.402 =
INTEGER: 768000 bits per second
CISCO-FRAME-RELAY-MIB::cfrExtCircuitMinThruputIn.1.401 =
INTEGER: 0 bits per second
CISCO-FRAME-RELAY-MIB::cfrExtCircuitMinThruputIn.1.402 = INTEGER: 0 bits per second
CISCO-FRAME-RELAY-MIB::cfrExtCircuitBcastPktOuts.1.401 = Counter32: 94
CISCO-FRAME-RELAY-MIB::cfrExtCircuitBcastPktOuts.1.402 = Counter32: 94
CISCO-FRAME-RELAY-MIB::cfrExtCircuitBcastByteOuts.1.401 = Counter32: 36081
CISCO-FRAME-RELAY-MIB::cfrExtCircuitBcastByteOuts.1.402 = Counter32: 36096
CISCO-FRAME-RELAY-MIB::cfrExtCircuitBandwidth.1.401 = INTEGER: 0 bits per second
CISCO-FRAME-RELAY-MIB::cfrExtCircuitBandwidth.1.402 = INTEGER: 0 bits per second
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeByteLimit.1.401 = INTEGER: 40000 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeByteLimit.1.402 = INTEGER: 102000 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeInterval.1.401 = INTEGER: 125 milliseconds
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeInterval.1.402 = INTEGER: 63 milliseconds
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeByteIncrement.1.401 = INTEGER: 8000 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeByteIncrement.1.402 = INTEGER: 6048 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapePkts.1.401 = Counter32: 105
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapePkts.1.402 = Counter32: 95
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeBytes.1.401 = Counter32: 37155 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeBytes.1.402 = Counter32: 36130 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapePktsDelay.1.401 = Counter32: 0
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapePktsDelay.1.402 = Counter32: 0
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeBytesDelay.1.401 = Counter32: 0 octets

```

```
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeBytesDelay.1.402 = Counter32: 0 octets
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeActive.1.401 = INTEGER: false(2)
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeActive.1.402 = INTEGER: false(2)
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeAdapting.1.401 = INTEGER: none(1)
CISCO-FRAME-RELAY-MIB::cfrExtCircuitShapeAdapting.1.402 = INTEGER: becn(2)
```

This output shows the complete **snmpwalk** of **cfrCircuitEntry** from **CISCO-FRAME-RELAY-MIB** at the time of the Frame Relay verification commands shown in this document:

```
snmpwalk -c public 172.16.140.250 CISCO-FRAME-RELAY-MIB:cfrCircuitEntry
CISCO-FRAME-RELAY-MIB::cfrCircuitDEins.1.401 = Counter32: 0 packets
CISCO-FRAME-RELAY-MIB::cfrCircuitDEins.1.402 = Counter32: 0 packets
CISCO-FRAME-RELAY-MIB::cfrCircuitDEouts.1.401 = Counter32: 0 packets
CISCO-FRAME-RELAY-MIB::cfrCircuitDEouts.1.402 = Counter32: 0 packets
CISCO-FRAME-RELAY-MIB::cfrCircuitDropPktsOuts.1.401 = Counter32: 0 packets
CISCO-FRAME-RELAY-MIB::cfrCircuitDropPktsOuts.1.402 = Counter32: 0 packets
CISCO-FRAME-RELAY-MIB::cfrCircuitType.1.401 = INTEGER: pvc(1)
CISCO-FRAME-RELAY-MIB::cfrCircuitType.1.402 = INTEGER: pvc(1)
```

This output shows the complete **snmpwalk** of **cfrMapEntry** from **CISCO-FRAME-RELAY-MIB** at the time of the Frame Relay verification commands shown in this document:

```
snmpwalk -c public 172.16.140.250 CISCO-FRAME-RELAY-MIB:cfrMapEntry
CISCO-FRAME-RELAY-MIB::cfrMapIndex.1.401.1 = INTEGER: 1
CISCO-FRAME-RELAY-MIB::cfrMapIndex.1.402.1 = INTEGER: 1
CISCO-FRAME-RELAY-MIB::cfrMapProtocol.1.401.1 = INTEGER: wildcard(999)
CISCO-FRAME-RELAY-MIB::cfrMapProtocol.1.402.1 = INTEGER: wildcard(999)
CISCO-FRAME-RELAY-MIB::cfrMapAddress.1.401.1 = STRING: "point-to-point"
CISCO-FRAME-RELAY-MIB::cfrMapAddress.1.402.1 = STRING: "point-to-point"
CISCO-FRAME-RELAY-MIB::cfrMapType.1.401.1 = INTEGER: static(1)
CISCO-FRAME-RELAY-MIB::cfrMapType.1.402.1 = INTEGER: static(1)
CISCO-FRAME-RELAY-MIB::cfrMapEncaps.1.401.1 = INTEGER: cisco(2)
CISCO-FRAME-RELAY-MIB::cfrMapEncaps.1.402.1 = INTEGER: cisco(2)
CISCO-FRAME-RELAY-MIB::cfrMapBroadcast.1.401.1 = INTEGER: true(1)
CISCO-FRAME-RELAY-MIB::cfrMapBroadcast.1.402.1 = INTEGER: true(1)
CISCO-FRAME-RELAY-MIB::cfrMapPayloadCompress.1.401.1 = INTEGER: false(2)
CISCO-FRAME-RELAY-MIB::cfrMapPayloadCompress.1.402.1 = INTEGER: false(2)
CISCO-FRAME-RELAY-MIB::cfrMapTcpHdrCompress.1.401.1 = INTEGER: inapplicable(1)
CISCO-FRAME-RELAY-MIB::cfrMapTcpHdrCompress.1.402.1 = INTEGER: inapplicable(1)
CISCO-FRAME-RELAY-MIB::cfrMapRtpHdrCompress.1.401.1 = INTEGER: inapplicable(1)
CISCO-FRAME-RELAY-MIB::cfrMapRtpHdrCompress.1.402.1 = INTEGER: inapplicable(1)
CISCO-FRAME-RELAY-MIB::cfrMapPayloadCompressType.1.401.1 = INTEGER: inapplicable(1)
CISCO-FRAME-RELAY-MIB::cfrMapPayloadCompressType.1.402.1 = INTEGER: inapplicable(1)
```

NetPro Discussion Forums – Featured Conversations

Networking Professionals Connection is a forum for networking professionals to share questions, suggestions, and information about networking solutions, products, and technologies. The featured links are some of the most recent conversations available in this technology.

NetPro Discussion Forums – Featured Conversations for Network Management
--

Network Infrastructure: Network Management
--

Virtual Private Networks: Network and Policy Management

Related Information

- [Cisco IOS MIB Tools](#)
 - [Cisco SNMP Object Navigator](#)
 - [SNMP Tech Notes](#)
 - [Technical Support – Cisco Systems](#)
-

All contents are Copyright © 2006–2007 Cisco Systems, Inc. All rights reserved. Important Notices and Privacy Statement.

Updated: Jul 27, 2007

Document ID: 63605
