

# How to Measure Frame Relay Drops Using SNMP

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## Introduction

Tracking Frame Relay drops allows you to monitor speed mismatch congestion on the router data terminal equipment (DTE) output queue.

This document shows you how to track Frame Relay drops using Simple Network Management Protocol (SNMP).

**Note:** There is no way to keep track of drops in the service provider network.

## Prerequisites

### Requirements

There are no specific requirements for this document.

### Components Used

The information in this document applies to all devices that support the CISCO-FRAME-RELAY-MIB.

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.

## Tracking Frame Relay Drops

From CISCO-FRAME-RELAY-MIB, **cfrCircuitDropPktsOuts** indicates the number of drops on a given Frame Relay circuit.

```
.1.3.6.1.4.1.9.9.49.1.2.1.1.3
cfrCircuitDropPktsOuts OBJECT-TYPE
    -- FROM CISCO-FRAME-RELAY-MIB
    SYNTAX          Counter
    MAX-ACCESS      read-only
```

```
STATUS          Current
DESCRIPTION     "Number of discarded packets that were to be sent."
::= { iso(1) org(3) dod(6) internet(1) private(4) enterprises(1) cisco(9) ciscoMgmt(9)
ciscoFrameRelayMIB(49) ciscoFrMIBObjects(1) cfrCircuitObjs(2)cfrCircuitTable(1)
cfrCircuitEntry(1) 3 }
```

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