

SNMP: Frequently Asked Questions About CatOS

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Questions

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Introduction

This document provides answers to commonly asked questions, and guides users to find helpful resources on SNMP and SNMP issues as they relate to Cisco equipment.

Q. How can I use SNMP to reload a switch?

A. Follow this procedure:

```
sysReset = .1.3.6.1.4.1.9.2.9.9 from the CISCO-STACK-MIB.my sysReset OBJECT-TYPE
-- FROM CISCO-STACK-MIB
SYNTAX Integer { other(1), reset(2), resetMinDown(3) }
MAX-ACCESS read-write
STATUS Current
DESCRIPTION "Writing reset(2) to this object resets the control logic of all modules
resetMinDown(3) to this object resets the system with the minimal system down time.
only supported in systems with redundant supervisors."

 ::= { iso(1) org(3) dod(6) internet(1) private(4) enterprises(1) cisco(9) workgroup(10) }
```

On the Cisco switch, you must set the **set snmp community read-write private** command in order to support the reload command.

This example reloads the router with IP address 10.16.99.55:

```
# ./snmpset 10.16.99.55 private .1.3.6.1.4.1.9.2.9.9.0 i 2
```

This is an explanation of the variables used earlier:

```
10.16.99.55 = ip address of your switch
private = R/W SNMP Community string of your switch .
1.3.6.1.4.1.9.2.9.9.0 = the instance of sysReset Object
i = Integer as defined SYNTAX in the MIB
2 = reload command as defined in the MIB
```

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