

# Frequent up down of access switch interfaces



## Overview

You can use the following commands on CLI to check the status of the interfaces. The Output log lines will show the change of the interface status and help to find if the interface was frequently up and down or not: `grep -E "Link. *is (DOWN|UP)" /var/log/ltn* | sed -r 's/^ :]+://g' | .` The same port is going up and down many times and it is not about one switch or one user. There are no specific requirements for this document. This document applies to Catalyst switches that run on Cisco IOS® System Software. Is this a normal thing?

Should I be troubleshooting layer 1?

3650: Hardware is Gigabit Ethernet, address is 0027. All phones a part of voice VLAN Strangely, when we connect. I am a novice with Cisco switches - I have a switch with some ports that keep oscillating between up and down: Here are the settings on port 1/0/22: How do I diagnose this problem?

Post a "show interface fastEthernet 1/0/22" from CLI, or screen from Cisco Network Assistant (interface status, errors).

## Article Content

Switch port flaps up and down endlessly when PC

Dear Community, Hope everything is great, I am a network administrator and recently i faced a very strange behavior. In one of our

Troubleshooting SVI Up/Down on Cisco Switches

Fix Cisco VLAN interface (SVI) showing up/down. Covers all causes: missing ports, VLAN deleted, STP blocking, autostate, and step-by-step resolution.

Mitigating flapping transceivers

However, the consequence of this is that a marginal transceiver, optical, or wire cabling, one that "flaps" up and down several times per second, can cause STP and other protocols to react poorly, resulting

Interface goes up and down

I got many users complaining that they are loosing the connection very often. Here is the logging! From one switch which shows what happens, the same port is going up and down many

Ports going Up/Down on regulars basis..what could be

Ports going Up/Down on regulars basis..what could be the cause? Long story short, I'm a server admin, trying to play network admin right now and solve an ongoing

Port flapping — Definition, common causes, and

Port flapping, also known as link flapping, causes a switch port's state to fluctuate between up and down within concise periods of time. This instability caused by

Why Does My Network Connection Drop Every Often

Experiencing frequent network connection drops with a network switch? Discover the reasons behind this issue and learn how to troubleshoot it

Solved: Switchport goes up and down

For the past 2 weeks we've been noticing some strange behaviors with certain phones...Once plugged they display "Network Unavailable" and if we take a look into the switch

Interfaces on a Cisco SG500 goes up and down

Dear Cisco users, I have a annoying problem with two of SG500 switches. Some of the switch ports go automatically down and after two seconds

An Ethernet Interface Frequently Alternates Between Up and Down

The Up/Down logs are generated on the interface at different times. In this period, the interface instantly alternates between Up and Down states at an interval smaller than 1s.

Solved: Trunk port coming up/up on one side and staying down/down

I've shutdown the interface fearing a spanning tree loop since there is no blocked ports showing on my switch with the UP/UP interface. I've add a diagram of the actual network topology.

Interface goes up and down

From one switch which shows what happens, the same port is going up and down many times and it is not about one switch or one user. I have checked many switches that are located in

Command to check Interfaces up and down (flapping)

You can use the following commands on CLI to check the status of the interfaces. The Output log lines will show the change of the interface status and help to find if the interface was

What are Interface Statistics and Status in Networking?

If a network interface unexpectedly goes "down," you need to investigate and respond accordingly. In addition to up/down status, you should be

Third party devices are flapping, causing switch to show multiple ...

Keeping network security in mind, we recommend to create a restricted network profile, which will be assigned to unknown devices when connected to the switch ports that are enabled with

Cisco 3750 Switch Port keeps going up and down

I am a novice with Cisco switches - I have a switch with some ports that keep oscillating between up and down: Here are the settings on port 1/0/22: How do I diagnose this problem?

What can cause "FastEthernet is up, line protocol is

10 I wonder what can cause the first line output of the command show interfaces to be: FastEthernet is up, line protocol is down. In other words, Is the cable that is

Administratively Down Router Interfaces Causes and

Troubleshooting "Administratively Down" Interfaces Encountering an "administratively down" interface can disrupt network communication. To resolve this issue, you

Interfaces Up/Down every 3 seconds

Have you seen interfaces going up and down every 3 seconds? poll Hi All, Has anyone seen interfaces go up/down every 3-5 seconds? This is a CRS125 with Mikrotik RBcAP2n Access

Configure the Link Flap Prevention Settings on a Switch through ...

This article provides instructions on how to enable the Link Flap Prevention feature, configure Automatic ErrDisable Recovery settings, and reactivate a suspended interface through the

Switch ports keep going down/timing out?

Let me preface my post by saying that I am extremely new at configuring and working on Cisco switches, so I may not be using the correct phrasing or terms to describe my problem. We

Layer 1 troubleshooting

mib2d : %DAEMON-4-SNMP\_TRAP\_LINK\_DOWN: ifIndex 1020, ifAdminStatus up (1), ifOperStatus down (2), ifName <interface name> Solution Physical access to the switch is

Troubleshoot Switch Port and Interface Problems

PrerequisitesTroubleshoot The Physical LayerTroubleshoot The Most Common Port and Interface Commands For Cisco iOSUnderstand The Specific Port and Interface Counter Output For Cisco iOSCommon System Error MessagesCommon Port and Interface ProblemsRelated InformationThis table shows the most common commands used to troubleshoot the port or interface problems on switches that run Cisco IOS System Software on the Supervisor. Note: The right hand column on the next table gives a brief description of what the command does and lists any exceptions to the use per platform. If you have the output of the supported com...See more on cisco Published: Nov 3, 2023Reddit

Access Interfaces Frequent up/down : r/Cisco - Reddit

You can probably run a tdr cable test from the switch. If the cable checks out then I would test the port with a different device to make sure it's not an issue with the switch port.

## Contact Us

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