

Switch optical port automatically restarts



Overview

Move the cable to a known good port to troubleshoot a suspect port or module. The show module command can indicate faulty, which can indicate a hardware problem. I have an isolated system with 2 linux computers connected by two, layer 2 CRS305-1G-4S+IN switches with our patented line-of-sight PTP optical 10Gbps link connecting the switches together (see diagram). For some reason the ports on both the switches that are connected to the optical link units. Not all causes of switch reboots can be obtained using the display reset-reason command. You will find the following log information recorded by the switch at 7:18 that morning, indicating that the. On a big industrial plant we've replaced an old HP switch with a brand new couple of C2960x switches in stack configuration and ever since then, every 6/8 hours or so, the two fiber optics links of switch #2 go down at once. These are connected to a ring of 3 similar other access switches, that. This document describes how to determine why a port or interface experiences problems. This document applies to Catalyst switches that run on Cisco IOS® System Software. The information in this document was created from the devices in a specific. In some time all the optical ports connected with the optical fiber cable (with optical module) shutting down. The whole network will going down. In both devices, we have experienced episodes of SFP port lockup, requiring a full reboot of the switch to restore connectivity — even applying shutdown / no shutdown on the affected interface does.



Article Content

Unexpected Reboot of a Fixed Switch

If the switch starts normally, the fault will be automatically rectified after a while. If the switch starts abnormally, rectify the fault by referring to Case Study: A Device Restarts Repeatedly.

Why Switch Ports Go Down After Reboot?

Learn why switch ports go down after reboot, including Errdisable, PoE, configuration issues, firmware glitches, and hardware failures. Step-by-step expert troubleshooting and recovery guide for IT

Unexpected Reboot of a Fixed Switch

The device must have Huawei certified switch optical modules installed. Non-Huawei certified switch optical modules cannot ensure transmission reliability and may affect service stability.

Solved: Re: What would cause all fiber optic ports on a switch to go ...

On a big industrial plant we've replaced an old HP switch with a brand new couple of C2960x switches in stack configuration and ever since then, every 6/8 hours or so, the two fiber

8-port switches randomly rebooting | Instant On

We have four 8-port (1830 8G JL810A) switches in the office and all of them, for at least a week, have been randomly rebooting, or stop reporting into the cloud and need to be power cycled.

Network Switch Troubleshooting Guide: Common

Troubleshooting Switch Port and Interface Problems If the entire switch is unresponsive, or multiple ports across different modules fail

Network Switch Troubleshooting Guide: Common

A comprehensive switch troubleshooting from the physical layer to the data link layer to the network layer to find out why your network switch is not

Troubleshoot Switch Port and Interface Problems

This document describes how to determine why a port or interface experiences problems.

Restarting specific ports on switches automatic? :

Restarting specific ports on switches automatic? Anybody got any suggestions how to restart switchports in a specific vlan on Cisco switches? I got some equipment

Cisco Port Randomly Shuts Off

We have a Cisco switch and for the most part everything works fine however there is one office with a mini switch and two computers hooked up to it in a office which hooks into the patch

Why Your Modem Keeps Resetting and How to Fix It

Is your modem constantly rebooting or dropping connection? Learn why your modem keeps resetting and how to troubleshoot it effectively to restore a stable

Why Does My Modem Keep Resetting?

Does your modem keep resetting? There are some prevalent causes of this, and they're easy to fix.

Why Does My Router Keep Rebooting Itself? Unraveling the

Understanding The Basics: What Is Router Rebooting And Why Does It Happen?

Router rebooting refers to the process where the router restarts itself automatically. This phenomenon could

juniper 2300 keeps rebooting : r/Juniper

This is something we are addressing on the fiber line, but we noticed something strange, one switch on one end of the link reboots randomly whenever the port goes up or down.

combo-port

The combo-port command configures the working mode of a combo interface. The undo combo-port command restores the default setting. By default, a combo interface works in auto mode. That is, the

Network Switch Keeps Resetting

We have a standalone switch that keeps resetting, knocking users off of their sessions. We've attempted a number of things to fix it, with no luck and I'm running out of ideas. Here's what

S3100 Series Switches Troubleshooting Guide | FS

If the issue is with the optical module, use a blower (e.g., a rubber bulb) or strong wind (e.g., from a fan) to blow or suck the TX and RX ports of the optical module, then test the connection status of the

Reasons for switch to randomly reboot

I have a couple old 3 com super stack 3 switches (24 PT version) I was given by a friend when her work changed them out. I had kind of tested them saw no bad ports assumed it was just

How to solve the problem of need for power cycling to reset ports?

Power cycling refers to turning off and on the switch or specific ports to reset their functionality. This can happen due to several reasons, such as faulty devices, incorrect

Why would my switch be shutting down ports automatically?

My thoughts: Someone may have gotten in the way of the optical link while it was running an automated bandwidth test and caused something like a UDLD/STP event which caused that port

HP A7500-S switch optical port automatically shutting down

All other access switch are HP 2510- 24G . In some time all the optical ports connected with the optical fiber cable (with optical module) shutting down . The whole network will going down.

Auto restart of UniFi PoE port based on uptime or some other ...

Hello folks: Is there a script or Node Red config that can send a signal to a Unifi PoE switch and restart a specific port - and have this based on the uptime of a sensor/switch? Scenario: I have a finicky

Switch is rebooting automatically

We have a stack of two switches WS-C2960X-24PS-L and we are facing issue of auto reboot . We have checked same software version and same image is running on both switch .

Instability and port blocking on the SX3016F switch

Ports are locking up in a way that only a full switch reboot restores operation — which is unacceptable for a product positioned as enterprise-grade. Continuing to suggest that the issue is

Configure Automatic Restart

For information about the port states, see ELSM Port States. If you disable ELSM automatic restart, the ELSM-enabled port can transition between the following states multiple times: Up, Down, and Down

Configuring the Working Mode of a Combo Interface

In summary, when the auto mode is specified and the combo optical interface has an optical module installed, the combo interface works as an optical interface after the device restarts. You can forcibly

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.sphplantsales.co.za>

Email: info@sphplantsales.co.za

Phone: +27 64 827 3915

Address: Unit 9, Highveld Technopark, 43 Atlas Road, Johannesburg, 2196,
South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

