How to enable the optical port on the access switch

Overview

To activate or enable a port on your Cisco Switch, connect to your Switch and type "show interface status" to see which ports are enabled and which are disabled. Type enable, then use configuration commands to set up the port you want to enable. Cisco also provides hidden commands to allow the use of third-party optical. This guide uses the Aruba 3810M switch as an example to introduce the steps to enable support for third-party modules on Aruba switches: 1. When a third-party module is connected to an Aruba switch, the module fails to link up, the port indicator flashes orange, and the switch identifies the module. If the same port with the same optical module has link, then I do get a proper readout of the optical monitor command (tx power / rx power / temps / current). Being able to monitor a non-working link is a pretty basic thing to do to be honest and having access to DDM/DOM/optical monitoring of down. SFP standards can vary from port to port, even on the same switch front panel. This is the case for the C9500-32QC switch model.

© 2026 Optical Isolation & Mission-Critical Protection - All rights reserved

Article Content

Set up Optical Network Router (ONR) utility cabinet | Broadband

Set up Optical Network Router (ONR) Before you begin Check if your Fibre Termination Port (FTP) is located in the living room or utility cabinet. Fibre Termination Point (FTP) located in the utility cabinet.

Optical Switching Data Center Networks: Understanding Techniques

This paper first summarizes the topologies and traffic characteristics in data centers and analyzes the reasons and importance of moving to optical switching. Recent techniques related to the optical

Troubleshoot Fiber Links on Catalyst 9000 Series Switches

This document describes how to troubleshoot fiber optic interfaces by addressing some of the fiber optic module and cabling specifications.

Unlock the Power of Connectivity: Explore the 8 Port

Discover the capabilities of the 8 Port SFP Optical Switch, perfect for expanding your network connectivity with fiber optics and advanced Ethernet

Configuring Access and Trunk Interfaces

Configuring Access and Trunk Interfaces Ethernet interfaces can be configured either as access ports or trunk ports. Trunks carry the traffic of multiple

Optical monitoring not possible on ports with link down?

You can use show media x/t/z and show int e x/y/z for the port in question. Please paste the above two outputs, as well as show version show mod and show license for your switch.

How to enable sfp on cisco switch?

To enable SFP (Small Form-Factor Pluggable) modules on a Cisco switch, you need to configure the SFP module settings and interfaces. Here is a step-by-step guide

VLAN Modes Explained – Optigo Networks

Never connect a D-port from the ONS-S8 to a C-port on an edge switch being managed via OneView or a loop will be created, which will disable management on the edge switch.

Easy Ways to Enable a Port on a Cisco Switch: 8 Steps

To activate or enable a port on your Cisco Switch, connect to your Switch and type "show interface status" to see which ports are enabled and which are disabled. Type enable, then use configuration commands to set up the port you want to enable.

© 2026 Optical Isolation & Mission-Critical Protection - All rights reserved

What is Optical Network Terminals (ONT)?

One OLT port can serve dozens of ONTs via passive splitters, serving as the access network''s intelligence and control point. The ONT, by contrast, is deployed at the

How to Set Up a Router''s Port Forwarding for a Nintendo Switch Console

On a PC or smart device Access your router''s settings. Locate the Port Forwarding settings. While the location will vary from router to router, it will typically be located in an area titled firewall, virtual

RG-S5310-48SFP4XS-E, 48-Port GE Optical Layer 3 Managed Access Switch

Layer 3 Access Switch for 10G Uplink RG-S5310-48SFP4XS-E Full-gigabit access switch for large-sized enterprise and campus LANs, with 4 x 1GE/10GE SFP+ uplink ports for high-speed data

All-Optical Ethernet Switch Explained: Features and

An all-optical Ethernet switch is a network switch whose service ports are entirely optical, meaning every interface uses fiber rather than copper. This

Digital Optical Monitoring

In the left-hand navigation menu, navigate to Switching > Monitor > Switches to view the list of switches on the network. Select a switch to access its specific page. Click on the Ports tab located in the top

How to enable other physical ports for basic LAN access like a switch ...

On an XG 125 there are 8 ports and I need to enable one additional port with LAN access but no IP assigned to it. That is, I want it to behave like a switch on the LAN, like we might find on a

optical network terminal

In most cases I have seen, providers only enable one port per service. A common use would be Port 1 for Internet, Port 2 for IPTV, and additional ports may be used for dedicated VoIP

View the Optical Module Status on a Switch through the Command

Once the transceiver and fiber optic cable are plugged in properly in the switch optical module, you should be able to view the current information for the optical connection, which helps

What Is the Optical Audio Port, and When Should I Use

The port is typically labeled "optical audio", "TOSLINK", "Digital Audio Out (Optical)" or something similar, but you certainly don''t need a label to identify

How To Enable Support For Third-Party Modules On

© 2026 Optical Isolation & Mission-Critical Protection - All rights reserved

If a module is identified as non-Cisco original, the switch may shut down the port, trigger an alarm, or display a warning message. Cisco also

How to Use Fiber Ports on a Network Switch

In this video, I''ll break down 3 easy and practical ways to use fiber ports for high-speed connections: Method 1: SFP Copper Transceivers (RJ45 Media Converters) Method 2: Optical Modules ...

Accessing Digital Optical Audio: A Step-By-Step Guide To Cable Setup

Accessing sound through a digital optical audio cable involves connecting the cable between your audio source (such as a TV, Blu-ray player, or gaming console) and your audio output

Configuring access ports on Cisco switches – IT

In this lesson we begin learning how to configure VLANs (Virtual Local Area Networks) on Cisco switches. More specifically, we look at how to

How To Enable Support For Third-Party Modules On

If a non-Aruba original module is detected, the switch may take actions such as disabling the port or triggering an alarm prompt. Aruba also

Use of Third-Party Optical Modules

The ExtremeXOS 15.5 release created a new requirement for customers to purchase a feature license pack named 3rd Party Optics Feature. Like other feature-pack licenses, once you apply the license

How to Connect an Optical Cable to a Switch: A Step-by-Step Guide

Optical cables come in various types, so make sure to choose one that matches the specific requirements of your switch. Next, you will need a small Phillips screwdriver or any other

Configure Port to VLAN Interface Settings on a Switch

This article provides instructions on how to configure an interface VLAN as an access or trunk port on your switch through the CLI.

How to Set Up Optical Audio on My TV: A Comprehensive Guide

Optical audio connections have become increasingly popular in recent years, offering a high-quality audio experience for your TV setup. If you''re looking to enhance your viewing

How To Use The Optical Out Spdif Port On Your Pc

Enable Optical Output: If the “Optical” or “Digital” sound output does not appear, right-click the speaker icon, select “Sounds,” and then navigate to the

© 2026 Optical Isolation & Mission-Critical Protection - All rights reserved

What is a Switch Port? A Complete Guide

What is a switch port? A switch port is a physical switch that evolves with the network and the type of transmission media. Connecting different devices

Contact Us

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

Website: https://charratcommunication.fr
Email: sales@charratcommunication.fr
Phone: +33 1 42 68 93 17
Address: 15 Rue de la Paix, 75002 Paris, France

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

© 2026 Optical Isolation & Mission-Critical Protection - All rights reserved