

Checking the status of optical ports on an H3C switch



Article Overview

You can check if an H3C switch port is an optical port by using CLI commands like `display interface` or by inspecting combo port settings.

Using CLI Commands

- **Display Interface Status** Run the command:
`display interface interface-type interface-number` This shows the port negotiation speed, link status, and transceiver type. If a transceiver is installed and recognized, the port is optical. For a summary of all ports, use:
`display interface brief` This lists all ports and their types, including optical ports, link status, and traffic statistics .
- **Check Transceiver Details** Some H3C switches allow you to view detailed transceiver information, including type (SFP, SFP+, QSFP), wavelength, and operational status. This confirms whether the port is optical .

Understanding Combo Ports

- Combo ports can operate as either an electrical (copper) port or an optical port, but not both simultaneously. Enabling one automatically disables the other .
- To check or configure a combo port, enter system view and the Ethernet port view:
`system-view`
`interface interface-type interface-number` Then set the medium dependent interface (MDI) mode:
`mdi {across | auto | normal}` This allows you to specify whether the port should operate as optical or electrical

Article Content

Summary Of Common Switch Compatibility Commands

Therefore, this article summarizes the commands for checking optical module compatibility on mainstream switches in

H3C S5130-HI Switch Series Troubleshooting Guide-6W101

Execute the display irf link command, and then check the Status field of the physical ports bound to the IRF port. - If the field displays

H3C Devices CLI Reference

When the device starts up with the initial configuration, log in to the device from the console port. For more information about console

View the Optical Module Status on a Switch through the Command

Article ID:5568 View the Optical Module Status on a Switch through the Command Line Interface (CLI) Objective

Master the Basic Command Configurations of Huawei, H3C, Ruijie,

As technology advances, networking switches have become an integral part of the IT infrastructure. They play a

H3C Fixed-Port Campus Switches Troubleshooting Guide-6W104

Execute the display irf link command, and then check the Status field of the physical interfaces bound to the IRF port.

Optical Transceiver Manufacturer,H3C Switch Configuration Tutorial

Use the special AM User-bind command to complete the binding between IP, MAC address and port. The command is as follows:

H3C Switch Command Mastery: Streamlined Configuration

Our expert-led walkthrough includes live command examples, common error resolution, and performance optimization techniques

Basic CLI Commands on H3C Switch

Learn how to create users, VLANs, enable Telnet and SSH, configure Spanning Tree Protocol, enable DHCP snooping, define trunk

H3C S5120V3-EI SERIES TROUBLESHOOTING MANUAL Pdf

Replace the local port with a new one to verify that the local port is operating correctly. Replace the peer port with a new one to verify

H3C Switch Command Mastery: Streamlined Configuration

In today's fast-paced network environments, H3C switches form the backbone of enterprise connectivity. While many administrators

How To View Port Status And Optical Transceiver Information On

Reading internal transceiver parameters allows users to monitor link status, real-time optical power, temperature and

View the Optical Module Status on a Switch through the Command ...

This article provides instructions on how to view the Optical Module Status on your switch through the Command Line

How to View Optical Module Status on a Cisco Switch via CLI ...

In this Cisco Tech Talk, learn how to view the optical module status on a Cisco switch using the Command Line

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

H3C S5500-SI Series Ethernet Switches Operation Manual | Manualzz

They provide 24 or 48 autosensing Gigabit Ethernet ports and four SFP Combo Gigabit optical interfaces. This manual includes

How To View Optical Transceiver Information On H3C Switches

Optical transceivers are widely applied in switches, routers, network cards and other communication equipment.

H3C S1600V2 Switch Series Web Configuration Guide

Navigation pane—Provides the Web menu for device functions in a tree structure. You can easily select function menus in the

H3C Switches Quick Start Maintenance Guide-6W100

To check alarms, health status, and device status, and record failure information, log in to the device through the console port,

H3C S5830V2 COMMAND REFERENCE MANUAL Pdf Download

View and Download H3C S5830V2 command reference manual online. Switch Series Fundamentals. S5830V2 switch pdf manual

Troubleshoot Switch Port and Interface Problems

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

How To View Port Status And Optical Transceiver Information

We have shared transceiver query methods for mainstream switches such as Huawei, H3C and Cisco. Fortinet

H3C S6300 SERIES TROUBLESHOOTING MANUAL Pdf Download

Replace the local port with a new one to verify that the local port is operating correctly. Replace the peer port with a new one to verify

How Do I Check the Interface or Port Status?

Checking Service Interface Indicators to Determine the Interface Status Observe service interface indicators to quickly identify the

H3C S5130-HI Switch Series Troubleshooting Guide-6W101

If the port belongs to an aggregation group, execute the display link-aggregation verbose command to identify the port status. When

Networklearner: Port channel configuration on H3C switches

Wednesday, 7 May 2014 Port channel configuration on H3C switches This document explains the port-channel configuration on H3c

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