

Configuring Fiber Port Penetration on Huawei Switches



Article Overview

To configure fiber ports on Huawei switches, you need to enable the interface, assign it to the correct VLAN, set the link type, and optionally apply port security and bandwidth controls.

Step 1: Access the Switch CLI

Connect to the Huawei switch via console, SSH, or Telnet. Enter system view mode to start configuration:

```
system-view
```

Step 2: Enable the Fiber Port

Identify the fiber interface (e.g., GigabitEthernet0/0/1 or XGE0/0/1) and activate it:

```
interface GigabitEthernet0/0/1undo shutdown
```

This command brings the port online and allows traffic to pass through .

Step 3: Configure VLAN and Link Type

Assign the port to the appropriate VLAN and set it as an access or trunk port:

```
port link-type accessport default vlan 10...
```

Article Content

huawei switch cheat sheet · GitHub

When you introduce a Huawei backbone switch into an existing network where Cisco switches were originally

How to Enable Ports in Huawei Switch? Could Open Ports Unlock

This guide dives into the step-by-step process of port configuration on Huawei switches, while addressing the often

Example for Configuring the Rate and Duplex Mode of an Ethernet ...

This page provides a guide to configure the rate and duplex mode of an Ethernet interface for optimal network

Configuring access, trunk, and hybrid ports on Huawei switches and ...

In Ethernet, layer-2 switching devices communicate by identifying MAC addresses. The data link layer defines the

Configuring Unidirectional Single-Fiber Communication

Configuring Unidirectional Single-Fiber Communication Context Unidirectional single-fiber communication enables a device to send

Example for Switching an Interface to Layer 3 Mode

Example for Switching an Interface to Layer 3 Mode Networking Requirements As shown in Figure 3-15, PC1, PC2,

Ethernet Interface Configuration Commands

This document explains Ethernet interface configuration commands, including functions, syntax, parameters, views, default level,

Configuring Unidirectional Single-Fiber Communication

Configuring Unidirectional Single-Fiber Communication Context During network management and maintenance, the administrator

Huawei Switch Configuration Guide

The document provides configuration instructions and commands for basic switch configuration using Huawei switches. It covers

Configuring ports on Huawei switches

I will give an example of setting up ports on Huawei switches. For the test, I will execute commands on the Huawei

Configuring the Working Mode of a Combo Interface

This guide explains how to configure the working mode of a combo interface on Huawei devices, including switching between

Ethernet Interface Configuration Commands

This page provides configuration commands for Ethernet interfaces on Huawei devices, covering settings like duplex mode and auto

Example for Configuring Local Port Mirroring

Example for Configuring Local Port Mirroring Applicable Products and Versions This example applies to all models

Configuring Port Split for a Switch

Configuring Port Split for a Switch Context The port split function allows a high-bandwidth physical port on a switch to

Configuring Edge Ports and BPDU Filter Ports

S1720, S2700, S5700, and S6720 V200R011C10 Configuration Guide - Ethernet Switching This document describes the

Access port config (Huawei)

Design & Configure Access port config (Huawei) Technology: Switching Area: Neighbor Discovery Vendor: Huawei Software: eNSP

Configuring Interface Split and Merge

If interface split or merge is configured on an interface, the original configuration on the interface is lost. Therefore, exercise caution

Example for Configuring Port Security

As shown in Figure 8-3, PC1, PC2, and PC3 connect to the company network through the switch. For high user access security, port

Basic CLI Commands on Huawei Switch

This text is a guide detailing Basic Command Line Interface (CLI) Commands on Huawei brand switches. It provides step-by-step

Huawei Port Security Configuration on Huawei eNSP | HCIA

In this Huawei Port Security Configuration Example, we will configure Port Security on a Huawei switch. For our Huawei

Connecting Optical Fibers

Select optical fibers of appropriate modes, quantity, and lengths according to the optical module types, number of ports to be

Cisco and Huawei Switch Compatibility

Hello everyone, I'm having trouble connecting a Huawei switch and a Cisco switch. The switches are connected via

Configuring Link Flapping Protection

In the preceding example, you can configure link flapping protection on the interface of the primary link to prevent frequent topology

Installing Optical Modules and Connecting Optical Fibers

Remove dust plugs from the optical modules and insert fiber connectors into the corresponding optical ports. After verifying that all

Example for Configuring Interface-based Rate Limiting on a Fixed Switch ...

Overview Interface-based rate limiting is easy to configure and limits the rate of all packets sent or received on an

Configuring Fibre Channel Switches (Applicable to Fibre Channel ...

Four Fibre Channel switches are cascaded across active-active data centers, building a mirroring relationship between the storage

Example for Configuring Port Security

Example for Configuring Port Security Port Security Overview Port security changes the dynamic MAC addresses learned on an

Ethernet Interface Configuration Commands

This document describes all the configuration commands of the device, including the command function, syntax, parameters, views,

Contact Us

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

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

Email: sales@watermanfinance.co.za

Phone: +49-176-8294713

Address: Neue Mainzer Str. 66-68, 60311 Frankfurt am Main, Germany

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

