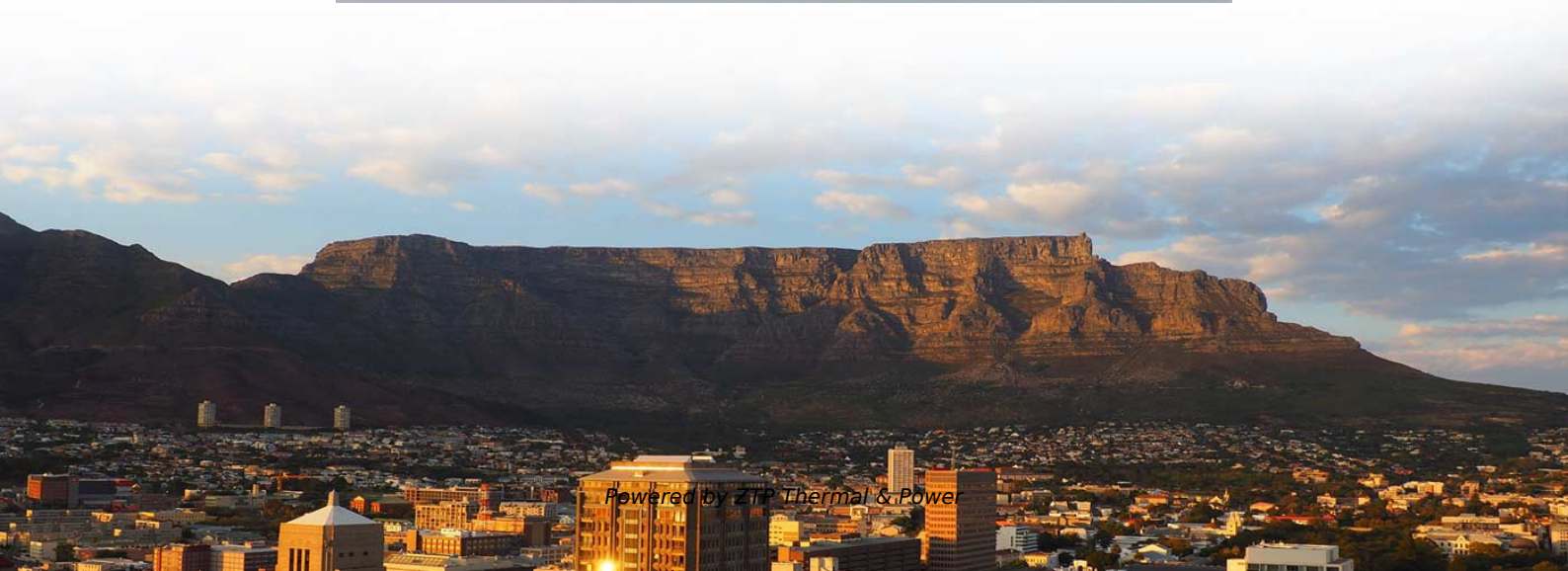


Huawei switch optical port automatic down





Overview

This document describes how to check the switch interface or port status and how to locate an interface physically down fault and restore the interface to the up state. Problem: All optical ports cannot be connected, and the indicator lights are not on. Solution: To solve this problem, you can follow these steps: Check if the fiber and optical modules are compatible. During use, reading optical module information helps understand its real-time operating status, enabling faster troubleshooting of link abnormalities. To check the interface status, run the display interface command and focus on the current state field. more HUAWEI S Series Switch-Handle an Optical Interface's Failure to Go Up video provides guidance on.



Huawei switch optical port automatic down

What are the common check commands for Huawei

In the daily maintenance of Huawei switches, we need to use various inspection commands. Today, let's take a look at the commonly used inspection

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Causes of an Interface Physically Down Event and Troubleshooting

When connecting two devices, check whether optical modules match optical interfaces, whether optical modules match fiber models, and whether optical modules and fibers are connected

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How Do I Check the Interface or Port Status?

Huawei S Series Campus Switches Troubleshooting Guide (V100 and V200) How Do I Check the Interface or Port Status? Checking Service Interface Indicators to Determine the Interface Status

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Optical Module Solutions for Huawei S5700/S5720 Series Switches

Problem: All optical ports cannot be connected, and the indicator lights are not on.
Solution: To solve this problem, you can follow these steps: Check if the fiber and optical modules

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port transceiver-power-low trigger error-down

The undo port transceiver-power-low trigger error-down command disables the Error-



Down function triggered by low optical power on an Ethernet optical interface.

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Negotiation on 1000 optical interfaces

I'm trying to find an explanation for why when an optical gig port on an NE40 is configured with autoneg disabled, the interface still passes traffic without error, but causes the connected ADVA interface to

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Troubleshooting for Optical Modules on Huawei Switch

When connecting switches through optical ports, pay attention to the following points:
The optical modules used on both ends must have the same wavelength. The

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Typical Troubleshooting Cases of Optical Module

Check whether the information is consistent with the optical module specifications provided in the product documentation. (For details about the commands for querying port information, see the

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Troubleshooting Interface Down Problems

When an interface receives packets from attack sources, the interface is automatically shut down. When the number of MAC addresses learned by an interface reaches the limit, the interface goes down.

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port mode fast-up

If a user has configured the port mode fast-up command on a 10GE optical interface, the interface status changes to Down after the user installs an optical module rather than



the GE, 10GBASE-LR,

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error-down auto-recovery

To avoid this problem, you can run the error-down auto-recovery command in the system view to enable automatic interface recovery and set the recovery delay time. You can run the display

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HUAWEI S Series Switch-Handle an Optical Interface's

HUAWEI S Series Switch-Handle an Optical Interface's Failure to Go Up video provides guidance on how to handle an optical interface's failure to go

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port link-flap trigger error-down

The port link-flap trigger error-down command enables link flapping protection on an interface. The undo port link-flap trigger error-down command disables link flapping protection on an interface. By default,

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Configuring an Interface to Enter the Error-Down State When the

Procedure Enter the system view. system-view Enter the interface view. interfaceinterface-typeinterface-numberConfigure the interface to enter the Error-Down state when the receive optical

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How To Check If Interconnected Optical Ports Cannot

If the problem is not caused by the optical modules, fibers, or intermediate device,



connect the switch to another interface or replace the switch to check whether the

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How To Read Optical Module Information On Huawei Switches

Optical modules are widely used in switches, network interface cards (NICs), routers, and other communication devices. During use, reading optical module information helps understand its real

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Troubleshooting S Series Switch Port and Interface Problems

Introduction This document describes how to check the switch interface or port status and how to locate an interface physically down fault and restore the interface to the up state. Major causes of the

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Recovering an Interface From ERROR DOWN State

Manual recovery or automatic recovery can only temporarily restore an interface in ERROR DOWN state. You need to troubleshoot the services to rectify the fault that causes the interface to enter the

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Huawei Technical Support

This page provides guidance on using the shutdown command to manage interface parameters, including enabling or disabling interfaces and preventing interference.

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Troubleshooting for Optical Modules on Huawei Switch

If the transmit power remains low, replace the optical module or install it in another optical port to check whether it is faulty. If the optical module is faulty, send it to



shutdown port

The shutdown port command shuts down an interface on an RU. The undo shutdown port command enables an interface on an RU. By default, interfaces on an RU are enabled.

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Causes of an Interface Physically Down Event and Troubleshooting

Automatic recovery Run the error-down auto-recovery cause down-cause interval interval-value command in the system view to enable an interface to automatically restore to Up

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