

Article Overview

Optical ports on an H3C2S000 switch can be configured by verifying module status, assigning VLANs, setting port modes, and optionally binding MAC addresses for security.

Checking Optical Module Status

Before configuring an optical port, ensure the module is properly installed and operational. Use the following commands:

- o `show interface` : Displays detailed interface and optical module status, including link state, module type, and statistics. A UP state indicates normal operation .
- o `show interface brief`: Lists all interfaces and their current status, helping identify the correct interface number .

Configuring VLANs and Port Modes

Optical ports can be assigned to VLANs and configured for different link types:

- o **Access Port**: Assign a single VLAN to the port. Example: `port link-type access` and `port default vlan` .
- o **Trunk Port**: Allow multiple VLANs to pass through. Example: `port link-type trunk` and `port trunk permit vlan` .
- o **Hybrid Port**: Supports both tagged and untagged VLANs. Example: `port link-type hybrid` and `port hybrid vlan` .

MAC Address Binding (Optional)

For security or network management, you can bind a MAC address to a specific optical port:

- o **Static binding**: `mac-address static interface vlan`
- o **Limit MAC learning**: `mac-address max-mac-count 0` to prevent other devices from learning the port .
- o **User binding**: `am user-bind mac-address interface` ensures only the specified device can access the network through that port .

Monitoring and Troubleshooting

- o Check traffic statistics and peak rates using `show interface` to ensure proper data flow .
- o Verify link state and troubleshoot if the port is down or the module is not recognized. Ensure the optical

module type is compatible with the switch .

By following these steps, you can configure and manage optical ports on the H3C2S000 switch effectively, ensuring proper VLAN assignment, link operation, and optional MAC-based access control.

View and Download H3C S5500-EI Series configuration manual online. Layer 2 - LAN Switching. S5500-EI Series network router pdf

By reading internal parameters of optical transceivers on switches, users can monitor link status, real-time

In this video tutorial I show you How to configure Access Port in H3C switch, how to

Complete H3C Comware switch security configuration tutorial (MAC/IP/port binding),plus full optical module matching list

For example, if a non-XGE optical module is installed on an XGE port, the rate of the optical module does not match the port rate. In

Why does this happen? Q. For the IE switch series that supports the DIP switch, after I configure RRPP settings and save the

Home Support Switches S5500 Series Configure & Deploy Configuration Guides H3C S5500-SI Series Ethernet Switches Operation

CloudEngine 9800, 8800, 7800, 6800, and 5800 Series Switches Hardware Installation and Maintenance Guide (V100 and V200)

Perfecting your H3C switch port configuration transforms raw hardware into intelligent, secure traffic conductors. Those painstaking

What Can I Do If a Message Is Displayed Indicating that an Optical Module Is Not Supported During CSS Port Configuration? When

Ready to optimize your network management? Explore our comprehensive guide to H3C

Instructions on how to set up NUT sensors within Home Assistant.

Switch, Network Router user manuals, operating guides & specifications.

1 Optical port (including Combo optical port) does not support VCT (virtual-cable-test) function. 1 Combo electrical port supports VCT

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

SEL-2725 Five-Port Ethernet Switch The SEL-2725 is an unmanaged five-port switch and copper-to-fiber-optic media converter.

Web: <https://www.kremgroup.co.za>

