

Restart the OLT optical module



Article Overview

Restarting an OLT optical module involves checking the port status, enabling the laser if disabled, and performing a board or port reset if necessary.

Step 1: Check the PON Port Status

Before restarting, verify the status of the optical module:

- Run the command `display port state` or `display port info` on Huawei OLTs to check the PON port status, including laser state and TX power levels .
- Ensure the optical module type matches the network standard (GPON or EPON). Incorrect module types may require replacement .

Step 2: Enable the Laser

If the laser is disabled:

- Use the command `port laser-switch enable` to turn on the laser on the PON port .
- Confirm that the Admin State is set to "On" and the TX power is within the normal range (1.5–5.0 dBm for GPON), .

Step 3: Reset the Board or Port

If the port or board is faulty:

- Run `display board` to check the board status

Article Content

Fault Identification and Demarcation

Fault Identification and Demarcation A failure to go online is also called a registration failure. An ONU connected to a GPON port of

What is OLT (Optical Line Terminal)? Types, Features & Applications

The full form of OLT is optical line terminal, which is a device used to connect the optical fiber and transfer signals. It's

Huawei OLT Series Knowledge Base & FAQ-Huawei

Listings 0-20 (out of 464) Here are the troubleshooting cases and FAQs for Huawei OLT Series products. Get your solutions if you

OLT Automatic restart

Power supply has failed causing the OLT to reboot. It is also possible that the power supply is causing the OLT to restart. Please try

Defining OLT: Optical Line Terminal

Defining OLT: Optical Line Terminal Definition under: Definitions What is a Optical Line Terminal (OLT)? An Optical Line Terminal

OLT Fault

Replace the optical module. The board or the slot is faulty. Run the display board command to query the status of the board. It is

Managing Huawei OLTs: Initial Setup, Console Connection

Huawei OLTs generally support standard-compliant SFP/SFP+ optical modules, but using third-party modules often requires careful

PON Interface Configuration Commands

If the transmitting optical power is out of this range, the optical module may fail to receive optical signals. As a result, the optical

ZTE C320 OLT Command Guide | PDF | Computer Hardware

The document provides instructions and examples for using command line commands to check status, configure and manage ONT

U®Fiber UF-OLT Quick Start Guide

Runtime reset (recommended) The U Fiber OLT should be running after bootup is complete. Press and hold the Reset button for

Dev-NetworkOps/zte-titan-reboot

This Python script provides a convenient way to reboot ports on the ZTE C650 Optical Line Terminal (OLT) using SSH connectivity.

ONU Registration Troubleshooting Guide | PDF | Information And

An ONU can be managed by OLT and configured with services only after registering successfully. After registering successfully,

What's the OLT/Optical Line Terminal?

The OLT/Optical Line Terminal, also known as optical line termination, is the endpoint hardware device in a passive optical network

Contact Us

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