

# OLT Automatic Splitter Discovery Command



## Article Overview

The OLT automatic splitter discovery is performed using the `display ont-auto-find` command on the PON port, which enables the OLT to detect and register connected ONUs automatically.

### Overview of Automatic Discovery

Automatic discovery allows an OLT to detect newly connected ONUs under a designated PON port without manual configuration. When enabled, the OLT compares the ONU information with pre-configured service profiles or line templates and automatically registers the ONU if it meets the criteria. This process reduces manual configuration workload and ensures ONUs are brought online efficiently .

### Typical Command Usage

- Access the OLT CLI and enter privileged EXEC mode.
- Select the PON port where the ONU is connected.
- Run the auto-discovery command:

```
display ont-auto-find
```

This command scans the PON port for unregistered ONUs. If the ONU is detected, it will appear in the discovery list, and you can then configure it to go online .

### Steps for Successful Discovery

## Article Content

How to configure Optical Line Terminal (OLT) and Omada Switch with ...

5. OLT Configuration on DeltaStream PON Management System (DPMS) Note: DPMS will not lose the OLT

Huawei Enterprise Support Community

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ONU Cannot Be Discovered on the OLT After the OLT Is Physically ...

The two OLTs transmit optical signals at the same time. As a result, the receive optical power of the ONU is too large and the ONU

EPON OLT Configuration Guide

When the serial port tool is successfully connected to the OLT, in the actual command line, username input admin, password input

Cisco Catalyst PON Series Switches OLT Command Reference

To enable auto-discover configuration, use the ont-find interface gpon command in global configuration mode. To

ONT Registrations

ONT auto discovery enables the OLT to detect newly added ONTs under a designated PON port automatically. If auto discovery is

GPON OLT CLI User Manual V2.0 | PDF | Ip Address | Command

It contains 11 sections that describe how to configure various features of the OLT through the command line interface, including:

Basic OLT Commands for Huawei GPON

It lists commands for checking uptime, boards, temperature, finding ONTs by serial number, ONT status, logs, power levels,

User Guide

About this Guide This User Guide provides information for managing TP-Link GPON OLT products via the web UI.

GPON OLT CLI USER MANUAL

Input “?” any time you need help. Provide network test command, such as ping, for diagnosing connection. Provide FTP service for

Netronixbd/OLT-and-Switch-Config-Troubleshooting

It contains configuration commands, troubleshooting methods, power-check commands, and best practices for multiple

Configuration Command Reference

On the 7705 SAR-H, before a port can be configured for either PoE or PoE+, the PoE power source option must first be configured

GPON OLT Operation Manual V1.2.docx

GPON Product Operation Manual GPON OLT Product Operation Manual V1.2

Cisco Catalyst PON Series Switches OLT Command Reference

To configure ONT range compensation, use the local ranging-balance command in unique profile configuration mode.

OLT Fault

Run the port ont-auto-find command to enable the auto discovery function of the PON port. By default, the ONU auto discovery

Huawei OLT Commands

JNCIA-JUNOS certified and technical expertise on multi-vendor I2/I3 devices Cisco, Juniper,

AN6000-2 OLT Configuration Guide | PDF | Command Line Interface

This document provides a CLI configuration guide for FiberHome Optical Line Terminal equipment. It describes how to log into the

ONU Cannot Be Discovered on the OLT After the OLT Is ...

Symptom: 1: Run the display ont-auto-find command on the PON port of the OLT. The ONU cannot be automatically discovered.

GPON Auth (ONU Online Status)

There is a known issue with Alcatel/Nokia OLTs giving fake O5 ONU Status, OLTs will hold OMCI Provisioning until correct OMCI

Getting Started With OLT Network Configuration, Cisco Catalyst PON ...

ONT auto discovery enables the OLT to detect newly added ONTs under a designated PON port automatically. If auto

GPON – Basic Command OLT Huawei

GPON – Basic Command OLT Huawei Continuing previous article about some Basic Command in OLT ZTE. Now, it's

Huawei MA56xx OLT Command Lists

Huawei MA56xx OLT Command Lists: View the current OLT version & patch: display board 0 display version display

kaoheng1515/OLT-GPON-XPON-Troubleshooting

This repository contains the most frequently used troubleshooting, diagnostic, and recovery commands for GPON networks (OLT +

Configuring Huawei MA5608T OLT | PDF | Internet Architecture

The document provides instructions for configuring an ONT on an Huawei MA5608T OLT. It includes steps such as: 1) Checking the

Cisco Catalyst PON Series Switches OLT Command Reference

This table describes the main command modes, how to access each one, the prompt you see in that mode, and how

Huawei OLT Common Commands

Complete Huawei OLT commands guide. MA5680T and MA5800 series CLI commands for

OLT Command Guide for GPON Troubleshooting

GPON Troubleshooting Commands - Free download as PDF File (.pdf), Text File (.txt) or read online for free. This document

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