

Viewing VLANs on Huawei Core Switches



Overview

After configuring VLAN switching, you can use the `display vlan-switch` command to verify the configuration. `display vlan-switch [ vlan-switch-name | interface interface-type interface-number ]` Specifies the name of a VLAN switching entry. The value is a string of 1 to 32 characters. When double quotation marks are used around. This article will introduce in detail the nine query commands of Huawei switches to help you quickly understand the operating status and configuration information of the device, so as to better conduct network management and troubleshooting. For example: Replace USERNAME with the new username, set the password, define service-type (telnet, ssh, etc.), and specify the access level (1-15). Verify that your settings are configured correctly using commands like `display local-user`. You can download this configuration on Huawei. Configuring a Huawei switch to assign an IP address to VLAN 1 and binding multiple ports to it can seem challenging, but this step-by-step guide simplifies the process.



Article Content

Aug 17, 2025

Configuring Interface-based VLAN Assignment

Networking Requirements On a data center network shown in Figure 2-21, access switches SwitchA and SwitchB connect to core switch SwitchC. SwitchA and SwitchB connect to the production and office

Dec 08, 2025

VLAN Routing with Layer 2 Switch and Router on Huawei

VLAN Routing with Huawei Layer 2 Switches. Here we will focus How to Configure VLAN Routing on Huawei devices with a configuration example.

Jan 05, 2026

Huawei VLAN Configuration on Huawei Switches *

In this lesson we will learn Huawei VLAN Configuration on Huawei Switches. VLAN Configuration is one of the key lessons for Huawei HCNA.

Apr 14, 2026

01-04 VLAN CONFIGURATION

Virtual Local Area Networks (VLANs) are used to divide a physical LAN into multiple broadcast domains to isolate services with the aim of improving the security and management of the network.

Sep 23, 2025

Assign VLANs Based on IP Subnets in the Huawei Switch

In the figure below, the switch connects to the office server, production server, and disaster recovery server on different network segments. Different

Jun 09, 2026

Basic CLI Commands on Huawei Switch

The text covers tasks such as creating a user, VLAN configuration, port settings, enabling SSH and Telnet services, configuring Spanning Tree Protocol (STP),

Sep 26, 2025

Configuring the Core Switch

Configuring the Core Switch Context In this scenario, IP addresses of the interfaces connecting the core switch to the BRASs and firewalls and OSPF need to be configured on the core

May 07, 2026

Configure VLAN on Huawei Switch: Basic Step or

Setting up a VLAN on a Huawei switch might seem like Networking 101—until you realize that misconfigured VLANs are the silent killers of enterprise

Jun 06, 2026

VLAN Configuration Commands

S1720, S2700, S5700, and S6720 V200R011C10 Command Reference This document describes all the configuration commands of the device, including the command function, syntax, parameters, views,

Jul 24, 2025

Typical VLAN Configuration

You can configure interface-based VLAN assignment on the switch so that the switch adds interfaces connected to users using the same service to the same VLAN. Users in different VLANs cannot

Feb 23, 2026

display vlan

This document lists all the commands for configuring and maintaining the CX310, CX311, CX312, and CX110 (switch modules for short) of the . By reading this document, you can learn about the syntax,

May 15, 2026

Step-by-Step Guide to Configure VLAN and Bind Ports

Configuring a Huawei switch to assign an IP address to VLAN 1 and binding multiple ports to it can seem challenging, but this step-by-step guide

Jan 01, 2026

VLAN Switch Configuration Commands

This command displays the VLAN switching entry name, source interface number, source VLAN ID, destination interface number, destination VLAN ID, operation type, and VLAN switching status.

Oct 16, 2025

9 Query Commands for Huawei Switches

By mastering the above nine query commands, you can fully understand key data such as the operating status, interface configuration, VLAN

May 29, 2026

Configure VLAN on Huawei Switch: Basic Step or

Configuring VLANs on a Huawei switch isn't just about typing commands—it's about crafting a network that's resilient, agile, and secure. While

Jul 22, 2025

VLAN Switch Configuration Commands

The `vlan-switch switch-vlan` command is applicable to the following scenarios: On a small-scale network where devices are seldom changed, users in different VLANs need to communicate.

May 04, 2026

Assigning VLANs

Configuring Interface-based VLAN Assignment (Statically Configured Interface Type)
Context Interface-based VLAN assignment is the simplest and most effective method for assigning VLANs. With

Nov 07, 2025

How to Check VLAN in Huawei Switch? Does Virtual Segmentation

To view VLAN details on a Huawei switch, start by logging into the device's command-line interface (CLI) using SSH, Telnet, or a console cable. Once authenticated, run the ...

Sep 15, 2025

VLAN Configuration on Huawei S5720 Switch | PDF

This document provides a step-by-step guide for configuring VLANs on Huawei S5720 switches, including prerequisites and detailed CLI commands. It outlines

Jul 23, 2025

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 instructions for users to perform

Oct 02, 2025

VLAN Mapping Configuration Commands

Prerequisites The qinq vlan-translation enable command has been executed.
Precautions To make VLAN mapping take effect in the inbound direction only, configure the port vlan-mapping ingress and

Oct 11, 2025

What Is a VLAN?

This chapter defines Virtual Local Area Networks (VLANs), introduces related concepts, and provides configuration examples. VLAN is a basic feature of Huawei data communications

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