

How to configure VLANs on Huawei core switches



Overview

Use the vlan command to create VLANs. 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 switch, so as to implement connectivity between the user network to egress network through the core switch. Follow along to set up your switch effectively! To begin, access the switch's Command-Line Interface (CLI) through either a. In this lesson, we will see the VLAN configuration steps on Huawei devices. For our example, we will use the below VLAN topology. You can download this configuration on Huawei eNSP Labs Page. VLAN technology provides broadcast domain isolation, security hardening, flexible networking, and high extensibility. Whether you're managing a campus network or a high-traffic data center, VLANs (Virtual Local Area Networks) are the unsung heroes that prevent chaos. They segment traffic, boost security, and.

Article Content

Aug 24, 2025

How to Configure VLAN on Huawei Switch

□□ In this video, I will show you step by step on how to configure VLAN on Huawei switch.

Nov 07, 2025

CONFIGURE definition and meaning | Collins English Dictionary

If you configure a piece of computer equipment, you set it up so that it is ready for use.

May 19, 2026

configure verb

Definition of configure verb in Oxford Advanced American Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more.

Aug 04, 2025

configure

con•fig•ure (kən fig' yər), v.t., -ured, -ur•ing. to design or adapt to form a specific configuration or for some specific purpose: The planes are being configured to hold more passengers in each row.

Dec 04, 2025

Configure

To design, arrange, set up, or shape with a view to specific applications or uses: a military vehicle that was configured for rough terrain; configured the computer by setting the system's parameters.

Jun 07, 2026

Configure Definition & Meaning | YourDictionary

Configure definition: To design, arrange, set up, or shape with a view to specific applications or uses.

Feb 11, 2026

Definition of configure - Meaning & Examples

To arrange or set up something, typically a system, device, or software, in a specific way to achieve a desired outcome or functionality. "The software allows users to easily configure their privacy ...

Aug 07, 2025

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 ...

Nov 21, 2025

VLAN Configuration on Huawei S5720 Switch | PDF

It outlines the process of accessing the switch, creating a VLAN, configuring ports, and saving changes. Additional tips and common commands for VLAN configuration are also included for reference.

Sep 07, 2025

01-03 VLAN CONFIGURATION

Assign VLANs on Switch_1 and Switch_2, configure Switch_1 and Switch_2 to transparently transmit VLAN packets to Router, and configure a VLANIF interface for each VLAN on Router to allow ...

Mar 22, 2026

configure

configure (third-person singular simple present configures, present participle configuring, simple past and past participle configured) (transitive) To set up or arrange something in such a way ...

Aug 22, 2025

How to Create VLAN on Huawei Switch: Are You Overlooking ...

Creating a VLAN on a Huawei switch isn't just a technical task—it's a strategic move. From blocking hackers with port isolation to slashing costs through smart segmentation, every step ...

Nov 20, 2025

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), and other basic management operations ...

Feb 23, 2026

CONFIGURE Definition & Meaning | Dictionary

CONFIGURE definition: to design or adapt to form a specific configuration or for some specific purpose. See examples of configure used in a sentence.

Aug 25, 2025

CONFIGURE Definition & Meaning

The meaning of CONFIGURE is to set up for operation especially in a particular way. How to use configure in a sentence.

Apr 15, 2026

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 services need to be assigned to ...

Apr 17, 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 13, 2026

Configuring the Core Switch

Configure interfaces for interconnecting the core switch with BRASs. # Create interconnection VLANs on the core switch and add interfaces to the interconnection VLANs. # Create ...

Sep 02, 2025

CONFIGURE | definition in the Cambridge English Dictionary

CONFIGURE meaning: 1. to arrange something or put its parts together in a particular form or arrangement: 2. to.... Learn more.

May 31, 2026

How to configure VLAN on Huawei

Virtual Local Area Network (VLAN) technology divides a physical LAN into multiple broadcast domains, each of which is called a VLAN. Hosts within a VLAN can communicate with each other but cannot ...

Jan 31, 2026

Step-by-Step Guide to Configure VLAN and Bind Ports on a Huawei Switch

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.

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