

How to connect Huawei core switches



Article Overview

You can connect to a Huawei core switch via console or SSH, then configure VLANs, interfaces, and routing to integrate it into your network.

Accessing the Switch

- Console Connection: Use a console cable (or USB-to-serial if your PC lacks a serial port) to connect your PC to the switch's console port. For switches with a Mini USB port, a Mini USB cable can be used .
- SSH Connection: If the switch is already network-accessible, you can connect via SSH using the management IP address. Log in with your username and password . Once connected, enter system view by typing system-view to access configuration mode .

Basic Configuration Steps

- Create VLANs: Use the vlan batch command to create VLANs on the core switch .
- Assign Ports to VLANs: Enter the interface view with interface GigabitEthernet0/0/x and set the port type and VLAN:
port link-type accessport default vlan Verify with display interface GigabitEthernet0/0/x .
- Configure VLANIF Interfaces: For Layer 3 connectivity, create VLANIF interfaces and bind them to a VPN instance if needed:
interface Vlanif ip address ip binding vpn-instance This isolates traffic between public and internal networks .

Routing and Connectivity...

Article Content

Mar 17, 2026

Huawei Switch Configuration Guide

The document provides configuration instructions and commands for basic switch configuration using Huawei switches. It covers

Jun 09, 2026

Master the Basic Command Configurations of Huawei, H3C, Ruijie,

As technology advances, networking switches have become an integral part of the IT infrastructure. They play a

Nov 06, 2025

Huawei router and switch connection configuration plan, two

So how are Huawei's routers and switches connected in a network? Today, Linknewnet engineers teach you 2 ways.

Jul 04, 2026

Configuring Devices to Be Managed by the Controller (in the Hybrid ...

Context On a large or midsize campus network, switches running V600 (such as the S8700) can function as core

Oct 20, 2025

S Series Campus Switches Quick Configuration (V200)

This document describes how to log in Huawei S series switches for the first time and fast configure the switches, and

May 17, 2026

Huawei S Series Quick Configuration

Small-Sized Campus Networks This section uses the S2750 as an access switch (ACC1), S5700 as a core switch (CORE), and an

Oct 01, 2025

S7700 and S9700 Series Switches Quick Installation Guide

modules by referring to "Pluggable (Huawei 2U guide Signal cable (not network Clock cable, connected to a 5 Modules

Jan 22, 2026

Creating a Layer 2 Connection_Enterprise Switch-Huawei Cloud

Locate the enterprise switch that you want to create a Layer 2 connection. In the lower right part of the enterprise

Oct 26, 2025

Configuring the Core Switch to Be Managed by the Controller (Switch ...

Currently, iMaster NCE-Campus mainly manages devices from the access layer to the core layer. To manage a core

Sep 06, 2025

Huawei Network Switch Configuration guide | Step-by-Step CLI

In this video, I walk you through the complete configuration of a Huawei S5700 switch, covering: □□ Learn how to fully

Aug 03, 2025

Basic CLI Commands on Huawei Switch

This text is a guide detailing Basic Command Line Interface (CLI) Commands on Huawei brand switches. It

Jun 07, 2026

Campus Switches | Huawei Enterprise

Huawei campus switches offer high-performance, secure, and reliable switching for enterprises, governments, finance and

Jan 28, 2026

Configuring the Core Switches to Be Managed by the Controller

To manage a core switch on iMaster NCE-Campus using commands, you need to connect the core switch to iMaster NCE-Campus

Apr 13, 2026

Huawei router and switch connection configuration plan ...

As a leading global ICT solutions provider, Huawei's router and switch products play a key role in building advanced

Aug 08, 2025

Guide for Replacement and Interoperation Between Huawei Switches

S2700, S3700, S5700, S6700, S7700, and S9700 Series Switches Interoperation Configuration Guide (V200) This document

Jul 24, 2026

Configuring the Core Switch to Connect to the AR Router

Configuring the Core Switch to Connect to the AR Router Context Background: This solution uses an AR router as the campus

Jul 26, 2026

SME Network Solution Typical Configuration Examples

"Gateway + Core Switch + Aggregation Switch + Access Switch + WAC + AP + AR180" Networking: Local Entire Network

Jun 15, 2026

Using Eth-Trunk to Connect Two Access Switches to a Core Switch ...

As shown in Figure 3-11, access switches SwitchB and SwitchC of the data center connect to core switch SwitchA. SwitchB and

Oct 09, 2025

Huawei Technical Support

This webpage provides cases for deploying networks using gateway, core switch, and access switch to enhance connectivity and

Jun 28, 2026

Example for Configuring a Layer 3 Switch to Work with a Firewall for ...

Example for Configuring a Layer 3 Switch to Work with a Firewall for Internet Access
Layer 3 Switch Layer 3 switches provide the

Sep 29, 2025

Configuring the Core Switch

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

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://khanimamboguesthouse.co.za>

Email: sales@khanimamboguesthouse.co.za

Phone: +27 64 852 1973

Address: Unit 7, Greenway Business Park, 8 Innovation Drive, Centurion, 0157, South Africa

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