

Configure the core switch device



Article Overview

To configure a core switch, you need to set up console access, assign a hostname, configure passwords, enable management IP, and define VLANs and interfaces.

Step 1: Access the Switch

Connect to the switch using a console cable and a terminal emulator like PuTTY or Tera Term. If the switch already has an IP address and SSH enabled, you can log in remotely via SSH. Once connected, enter Privileged EXEC mode by typing enable at the prompt.

Step 2: Set Hostname

Assign a meaningful hostname to identify the switch in your network:

```
Switch> enableSwitch# configure terminalSwitch(config)# hostname Core-Switch
```

This helps distinguish the device in multi-switch environments and supports a consistent naming convention.

Step 3: Configure Passwords

Set a strong enable secret password for privileged access:

```
Core-Switch(config)# enable secret your_password_here
```

Configure console access password to prevent unauthorized local access:...

Article Content

Nov 18, 2025

setup dhcp on core switch and have access switch point to core for dhcp

If there are NO SVI's on your access switches (I.E. if they're layer 2 trunks), you shouldn't even need to do that - your

Dec 07, 2025

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

Choose Switch > Interface from the navigation pane on the left, select the Eth-Trunk interfaces connecting the core

Dec 24, 2025

Basic Cisco Switch Configuration Example in 10 Steps

Unlike other lower class switch vendors (which are plug-and-play), the Cisco switch needs some initial basic configuration in order to

Nov 25, 2025

Configuring the Core Switch

In this scenario, IP addresses of the interfaces connecting the core switch to the BRASs and firewalls and OSPF need

Feb 12, 2026

8 Steps to configure your network switch

Learn how to setup a network switch with ease. Switches allow you to send and receive information efficiently and securely. Get

Nov 15, 2025

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

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

Nov 22, 2025

Core Switch and Access Switch configuration

HI TEAM, I have a 2 3850 core switch which is on HA and 2960x for my access switch, i requied help on 2 things. 1)

Sep 26, 2025

Configuring the Core Switch to Be Managed by the Controller

Configuring the Core Switch to Be Managed by the Controller Context After devices to be managed are added to the network site

Aug 12, 2025

LAN design

How would I use them as core switches? I was hoping someone could point me in the right direction on the best way

Feb 22, 2026

Core Switch vs. Distribution Switch vs. Access Switch

Device Compatibility: The compatibility of layer 3 switches with end users' devices is important for efficient data transfer. Considering

Feb 02, 2026

Configuring Interconnection Interfaces and Routes for the Core Switch ...

In this example, Internet access traffic of users passes through the BRAS, and then reaches the egress network of the firewall

Apr 18, 2026

SME Network Solution Typical Configuration Examples

Support Documentation Enterprise Network Solution Horizontal Solutions
CloudCampus SME Configuration & Commissioning

Aug 31, 2025

Configuring the Core Switch

Configuring the Core Switch Context In this scenario, IP addresses of the interfaces connecting the core switch to the

May 07, 2026

Guide to Basic Switch Configuration | Auvik

Switch configuration on your own can seem like a daunting task. Use this handy guide to get your network switch up

Oct 04, 2025

HPE Aruba Networking CX switches

HPE Aruba Networking CX 6400 Switch Series High-availability modular chassis and line card switches for versatile edge

Mar 31, 2026

How to Configure a Cisco Switch (step by step)

If you're looking to configure a switch for the first time, this post is for you. Learn step-by-step configuration commands

Sep 11, 2025

Features and Applications of Core Switches

Core Switches also provide intelligent routing, QoS assurance, security, scalability, and manageability. A well

Dec 01, 2025

How to Configure Ubiquiti Switch in UniFi Controller

Learn how to configure Ubiquiti switch in UniFi Controller: adopt the switch, create VLANs, set PoE, and monitor

Nov 24, 2025

Initial Switch Configuration

Whether the configuration deployment of a switch is completed all at once or done in phases, the basic switch settings must first be

Nov 05, 2025

Core Switch Explained: Key Functions and Benefits

Discover what a Core Switch is, its pivotal role in network architecture, and how it boosts performance and reliability in

Aug 08, 2025

How to Configure a Cisco Switch in 10 Steps

Learn how to Configure a Cisco Switch. Follow along this Step-by-Step guide that will get you using Commands via

Dec 03, 2025

Solved: Core Switch

I suggest you create SVIs on the core switches, establish port-channels between the core switches and create a

Dec 09, 2025

How to Configure a Cisco Switch in 10 Steps

In this step-by-step guide, we walk you through configuring Cisco switches and look at some FAQs. Configuring a

Apr 16, 2026

Creating a Base Configuration for a Cisco IOS Switch: A Step-by-Step

When you deploy a new switch, it's important to configure it properly to ensure optimal performance, security, and functionality. This

Jul 27, 2026

Core Switches: The Pillar of Network Infrastructure

Consider the switch's capacity to handle additional devices and increased data traffic. Conclusion Core switches truly

Jun 23, 2026

What Is a Core Switch?

A core switch is the backbone of a large-scale network, designed to handle massive volumes of traffic with ultra-low latency and

Jun 25, 2026

How to Configure Core Switch?

Connecting to the Switch It is connected from the console (RS-232 or RJ-45 port) port on the front or back of the

May 20, 2026

What Is a Core Switch in Networking?

Introduction to Core Switches In the intricate world of networking, data packets traverse a complex landscape, moving

Jun 16, 2026

Introduction to Core Switch Configuration

A switch that functions as part of a router and operates at the third layer of the OSI network standard model, the network layer. The

Mar 12, 2026

Solved: Configure dhcp on core switch

Can you share you core switch configuration (including the dhcp pools) Just to confirm, do you ip routing enabled on the

Oct 02, 2025

How to Configure Core Switch?

In this article, we will examine how to make basic settings on HP brand switches and backbone switches. Switch-PC

Jan 16, 2026

Solved: Replace Core Switch

Hi I am wondering how most people go about this. If I was replacing a core switch, how would you guys recommend I

Contact Us

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

Website: <https://www.greatpremiersolutions.co.za>

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

