

Core Switch Configuration Tutorial



Article Overview

Proper core switch configuration ensures network efficiency, security, and manageability, starting with basic setup, VLANs, and secure access.

Initial Setup and Access

Begin by physically inspecting the switch and verifying all cables and indicators are functional. Connect to the switch using a console cable and a terminal emulator like PuTTY or Tera Term, setting the correct serial parameters (e.g., 9600-115200 bps, 8 data bits, no parity, 1 stop bit) depending on your model . Once connected, enter Privileged EXEC mode with the enable command to access configuration commands .

Hostname and Domain

Assign a meaningful hostname to identify the switch in your network, following a consistent naming convention (e.g., SFO-SW-01 for site-specific identification). Set a domain name if using SSH or VTP, which is essential for secure management and VLAN propagation .

Passwords and Security

Secure the switch by setting:

- Enable secret password for privileged commands (enable secret your_password_here)
- Console password to prevent unauthorized local access (line con 0, password con...)

Article Content

Core Switch vs. Distribution Switch vs. Access Switch

Core Switch vs. Distribution Switch vs. Access Switch: Understand Their Roles in Ethernet Networks Ethernet networks are growing

How to configure Cisco switch in 11 steps?

By configuring your Cisco switch, you can effectively manage its functionality, ensuring versatility, power, and optimal performance.

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

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

Setting up a base configuration for a network switch is a fundamental skill for network administrators. By following these steps, you

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

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

Learn how to set up a base configuration for network switches. Secure, optimize, and enable remote access with our step-by-step

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

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

Core Switch Configuration Guide

This document outlines the configuration steps for a core switch in a server room, including connecting via serial cable, assigning

Core Switch 2/64 V4.1 Installation Guide

Part Number: AA-RS2WC-TE This installation guide provides procedures for setting up, configuring, and managing the Core Switch

Oracle Exadata Database Machine X11M Data Sheet

Exadata X11M offers two configurations for varying power and performance needs: a two-socket, 96-core CPU Database Server and

Contact Us

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