

Configure port enabling on core switches



Summary of Content

To enable a port on a core switch, you must activate it using CLI commands or a management interface, configure its mode (access/trunk), assign VLANs, and optionally set up port channels for redundancy and bandwidth aggregation.

Basic Port Activation

- Connect to the switch via SSH, Telnet, or console cable using a terminal application like PuTTY .
- Check port status with the command `show interface status` to identify disabled ports .
- Enter privileged mode by typing `enable` and providing the password if prompted .
- Access configuration mode using `configure terminal` .
- Select the port to configure, e.g., interface `Gi1/0/1` .
- Enable the port with `no shutdown` to turn it on .
- Save the configuration with `copy running-config startup-config` to make changes permanent .

Configuring Port Mode and VLANs

- Access Port: Connects a single device or server. Configure with:
`switchport mode access`
`switchport access vlan`
- Trunk Port: Carries multiple VLANs between switches:

Article Content

Configuring Cisco Port Channels: Step-by-Step Tutorial

Setting up port channels on Cisco switches is an essential skill for network engineers to optimize the performance and

Enabling a Port

By default, all licensed ports are enabled. You can disable and re-enable them as needed.

How to configure a port on our core switch for a server

If you issue no switch on the interface, the interface will be configured as Layer3 interface and one IP address is

Port Basic Configuration

Configuring speed control: For every 2-Gigabits ports that are connected, and speeds configured in force mode, you need to

Understanding and Configuring Cisco Switch Ports: Best ...

Learn how to properly configure Cisco switch ports, understand port numbering (X/Y/Z), assign VLANs, enable PoE, and follow best

Solved: Need to activate a port

Solved: I am in a position where our Network Engineer is gone and I need to activate a port and add it to the correct

Configure ethernet switch ports

Using VTP, you can make configuration changes centrally on one or more switches and have those changes automatically

Easy Ways to Enable a Port on a Cisco Switch: 8 Steps

This wikiHow teaches you how to turn on any port on your Cisco switch. In most cases, your Cisco switch's ports will

Switch Ports

On the Switching > Monitor > Switch Ports page, administrators can name ports, turn ports on/off, enable spanning

UniFi Switch Settings - Ubiquiti Help Center

UniFi Switch Settings let you configure how your network switches handle traffic, VLANs, port behavior, and Layer 3 isolation. These

Contact Us

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