

Article Overview

You can view an access switch's configuration by connecting via console or SSH and using Cisco CLI commands like `show running-config` and `show vlan brief`.

Accessing the Switch

- o Connect to the switch using a console cable or SSH if the switch has an IP address configured for management .
- o Launch a terminal emulator such as PuTTY and select the appropriate serial connection (usually 9600 baud for console access), .
- o Enter privileged EXEC mode by typing `enable` at the prompt. If a password is configured, you will be prompted to enter it .

Viewing Configurations

o

Running Configuration: Shows the current active configuration in RAM. Use the command:

```
show running-config
```

This displays interface settings, VLAN assignments, port security, and other active configurations .

o

Startup Configuration: Shows the configuration stored in NVRAM that the switch loads on reboot. Use:

```
show startup-config
```

This helps verify what settings will persist after a restart .

o

VLAN Information: To see VLANs and their assigned ports:

```
show vlan brief
```

This lists all VLANs, their IDs, names, and which interfaces belong to each VLAN .

o

Interface Status: To check the status and capabilities of a specific interface:

```
show interface statusshow interface capabilities
```

This provides information on whether the port is up, its speed, duplex, and trunking support .

How to view access switch configuration

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VTP Status: If using VLAN Trunking Protocol, check the domain and revision number:

```
show vtp status
```

This ensures VLAN updates are synchronized correctly across switches .

Additional Tips

o Privilege EXEC Mode: Protect this mode with a password to prevent unauthorized access .

o Saving Changes: If you make changes, save the running configuration to startup configuration using:
`copy running-config startup-config` Otherwise, changes will be lost after a reboot .

o Port Security: You can verify MAC address restrictions on access ports with:

```
show port-security interface
```

 This helps ensure only authorized devices can connect . By following these steps, you can effectively view and verify the configuration of an access switch, including VLANs, interface settings, and security parameters.

Finally, document the configuration for future reference and troubleshooting. Following these best practices will help

In this article, we will discuss a couple of core concepts of network switching which are about Access and Trunk ports and how to

Cisco NX-OS supports only IEEE 802.1Q-type VLAN trunk encapsulation. This chapter describes the configuration of

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

This video will demonstrate the Configure procedure of Access Mode Interfaces for S

This tutorial explains basic switch configuration commands in detail with examples.

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

Summary of the video How to access a switch using CLI or Console:Types of ports in the

Learn how to create and configure a virtual switch for use by the Hyper-V host and guest virtual machines.

How to view access switch configuration

Here are 3 ways to log into a network switch: console port, Telnet, and web interface. Learn how to access a switch

You can log and view changes to the switch configuration. You can use the Configuration Change Logging and Notification feature to

In this video, I show you how access switches are configured in real enterprise

5) The typical web interface displays below. You can view the switch's running status and configure the switch on this interface.

Store them securely and restrict access. Conclusion Using PuTTY to capture switch configuration details is a simple

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

This blog outlines a streamlined approach to using PuTTY for capturing switch configuration details. By following these

Web: <https://www.kremgroup.co.za>

