Telnet access to the access switch



Overview

In order to remotely access the CLI of your switch, you must use an SSH or Telnet client. You must also enable the Telnet and SSH service on your switch first before you can access it remotely.

Key Takeaways

Telnet allows remote command-line access to a network switch for configuration and management over a TCP/IP network.

Overview of Telnet Access

Telnet is a network protocol that enables administrators to remotely access a switch's command-line interface (CLI) without being physically present. It is particularly useful for managing multiple switches from a centralized location, performing configuration changes, and troubleshooting network issues.

Prerequisites

Enable Telnet on the switch: Telnet must be activated on the switch's management interface. On Cisco switches, this involves entering global configuration mode and enabling Telnet on virtual terminal lines (line vty 0 15 and transport input telnet) and setting a password. Assign an IP address: The switch must have a management IP address configured on its VLAN interface (commonly VLAN 1) to allow network connectivity.

Client setup: Ensure the client computer has a Telnet client installed. On Windows, this can be enabled via "Turn Windows features on or off" and selecting Telnet Client. On Mac or Linux, the Terminal application can be used.

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Steps to Access a Switch via TelnetConnect the switch to the network: Use an Ethernet cable to connect the switch's management port to the same network as the client computer. Open the Telnet client: Launch the Telnet client (e.g., PuTTY on Windows or Terminal on Mac/Linux),. Initiate the Telnet session: Enter the command telnet [IP address] where [IP address] is the switch's management IP.

Authenticate: Provide the username and password configured on the switch to gain access to the CLI. Configure and manage: Once logged in, you can execute commands to configure VLANs, LACP, MLAG, or other switch parameters.

Security Considerations

Telnet transmits data, including passwords, in plaintext. For secure remote access, SSH is recommended over Telnet, as it encrypts the session. However, Telnet remains useful in controlled environments or for legacy devices.

Saving Configuration

After making changes via Telnet, save the configuration to ensure persistence across reboots using commands like write memory or copy running-config startup-config on Cisco switches. By following these steps, administrators can efficiently manage network switches remotely using Telnet, reducing the need for physical console access while enabling centralized network management.

Article Content

Access a Cisco Business Switch CLI using SSH or Telnet

In order to remotely access the CLI of your switch, you must use an SSH or Telnet client. You must also enable the Telnet and SSH service on your switch first before you can access it remotely.

Access a Cisco Business Switch CLI using SSH or Telnet

Here are 3 ways to log into a network switch: console port, Telnet, and web interface. Learn how to access a switch and choose the one that suits your needs.

Free Network Security Tools & Calculators – SwitchFirewall

This guide will show you how to configure Telnet on a Cisco switch, including creating a VLAN interface, setting an IP address, and configuring user authentication.

How to configure Telnet on Cisco Routers and switches

By the end of this article, you will be confident enough to configure and troubleshoot Telnet related issues on Cisco routers and switches. So, let''s get started.

How to configure Telnet on a Cisco switch

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You can now access the switch remotely using Telnet by entering the switch''s IP address and the password you configured for the Telnet line. Remember that Telnet is an insecure protocol,

TELNET and SSH in Cisco devices

We can take access to a cisco router or switch either through a console cable or taking remote access through well known protocols Telnet or ssh (Secure Shell).

Configuring Telnet Access to the Switch

When you set up your switch for the first time, you must connect to the console port to access the switch. After logging in to the switch, you will enter into the safe defaults mode. Although SNMP,

How to Telnet to a Switch

Type "telnet" followed by the Internet Protocol (IP) address of the switch. The command should show that a connection is being attempted with the output "Connecting to x.x.x.x" where x.x.x.x is the IP of

Cisco CLI Switch Command Cheat Sheet for 2025

A Cisco CLI switch command cheat sheet is therefore a valuable reference. It provides quick access to commonly used commands, helping reduce errors and saving time during

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Learn the default Cisco switch username and password. Discover which models use “cisco/cisco,” why most have no defaults, and how to secure login access

How to Access Switch Through Telnet

Direct Access through Console port Access through LAN by Telnet SSH (source socket shell)application Step2. Access through Telnet To access the IOS of switch from LAN Privilege and virtual terminal

I''m working on setting up a MANAGEABLE OPT G524C4 Switch. I

The problem is that this switch doesn''t have an option to turn off Telnet, and its configuration is a bit confusing because the firmware is pretty old. It''s possible to protect against Telnet attacks, but the

Access an SMB Switch CLI using SSH or Telnet

Objective The Cisco Small Business Managed Switches can be remotely accessed and configured through the Command Line Interface (CLI). Accessing the CLI allows commands to be entered in a

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How to Set Up Azure OpenAI: A Step-by-Step Guide

Click the + Create button to create a new OpenAI resource. On the Basics page, select the Subscription, Resource Group name (create one if you dont have one), Region, Name, and the

Access an SMB Switch CLI using SSH or Telnet

This article provides instructions on how to access the CLI of your switch through SSH or Telnet using PuTTY and Terminal clients

Telnet access to a switch from a router.

I am configuring a lab environment. My situation is restricted such that I have to have a router as the entry point for the lab and access the other devices via telnet or ssh from the router

How to Log into a Network Switch: Console Port, Telnet, Web

Here are 3 ways to log into a network switch: console port, Telnet, and web interface. Learn how to access a switch and choose the one that suits your needs.

Access an SMB Switch CLI using SSH or Telnet

Article ID:4982 Access an SMB Switch CLI using SSH or Telnet Objective The Cisco Small Business Managed Switches can be remotely accessed and configured through the Command

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