

Article Overview

Configuring an H3C switch involves connecting via the console, setting up users, VLANs, and remote access, and saving the configuration for network management.

Initial Console Access

To configure your H3C switch for the first time, connect a PC to the switch's console port using a console cable (DB-9 to RJ-45) and a terminal emulator like PuTTY or HyperTerminal. Set the terminal parameters to 9600 bps, 8 data bits, no parity, 1 stop bit, and no flow control. Power on the switch and log in through the console to begin configuration .

User Management

Create local users to control access. Use the CLI to define usernames and access levels. For example, to create an administrative user:

```
system-viewlocal-user admin class managepassword simple YourPasswordservice-type ssh telnetquitdisplay local-user
```

This sets the user admin with full privileges and enables SSH/Telnet access .

VLAN Configuration

To create and manage VLANs:

```
system-viewvlan 10name Salesquitinterface Vlan-interface 10ip address 192.168.1.1 255.255.255.0quit
```

Assign ports to VLANs:

```
interface GigabitEthernet1/0/1port link-type accessport default vlan 10quit
```

For trunk ports allowing multiple VLANs:

```
interface GigabitEthernet1/0/24port link-type trunkport trunk permit vlan 10 20quit
```

Check VLANs and port assignments with `display vlan` .

Remote Access Configuration

Enable Telnet or SSH for remote management:

```
stelnet server enablersa local-key-pair create
```



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Assign the management VLAN and IP address to allow remote connections .

Spanning Tree and Security

Enable STP to prevent loops:

```
stp enable
```

Configure port security or 802.1X authentication if needed:

```
dot1x enable
```

These commands help secure the network and manage traffic efficiently .

Saving Configuration

After completing the setup, save the configuration to ensure it persists after a reboot:

```
save
```

This writes the current configuration to the startup configuration file .

Additional Tips

- o Always verify connections and port types before assigning VLANs.
- o Use `display current-configuration` to review all settings.
- o For web-based configuration, H3C switches often provide a GUI interface accessible via the management IP . By following these steps, you can configure an H3C switch for basic network operation, VLAN segmentation, secure user access, and remote management.

In this video tutorial I show you How to configure Access Port in H3C switch, how to configure Trunk Port in H3C

Preface The H3C S3100V2 documentation set includes 9 configuration guides. These guides describe the software features for the

As technology advances, networking switches have become an integral part of the IT infrastructure. They play a

Now, many H3C switches and routers come with a WEB graphical interface by default, which makes operation and

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Whether you're a network administrator or just starting out with networking, this video will provide you with the

After the privilege level switching, users can continue to configure the switch without relogging in, but the commands that they can

It describes how to log in to the H3C open application platform (OAP) card connected to your switch and reset the operating system

Download this manual See also: Configuration Manual, Operating Manual H3C S5120-EI Series Ethernet Switches Fundamentals

To avoid abnormal configuration terminal display, use a serial console cable provided by H3C, as shown in Table 2. If you use a third

Ready to optimize your network management? Explore our comprehensive guide to H3C

Hello Friends, In this video I will show you H3C Switch Configuration. In this video tutorial

This article provides a hands-on guide to 50+ essential H3C switch commands, revealing hidden shortcuts and best practices

Learn how to create users, VLANs, enable Telnet and SSH, configure Spanning Tree Protocol, enable DHCP snooping, define trunk

Software version used This configuration example was created and verified on MSR830-10HI Release 6749P21. Configuration

View and Download H3C S5800 configuration manual online. S5800 switch pdf manual download. Also for: S5820x, S5800 series,

The guide provides step-by-step instructions for setting up resilient, high-bandwidth links between switches or to servers, avoiding

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

