

Article Overview

To configure an access port on a Huijue switch, assign the port to a VLAN, set it as an access type, enable the port, and optionally apply security and QoS settings.

Step-by-Step Configuration

o Access the Switch CLI

o Connect via console cable or SSH.

o Enter system view mode using system-view to start configuration .

o Create VLANs

o Define the VLANs needed for your network:

```
vlan batch 2 3
```

o This creates VLAN 2 and VLAN 3 for use on access ports .

o Configure the Access Port

o Enter the interface configuration for the target port:

```
interface ethernet 2/0/1
```

o Set the port type to access:

```
[Switch-Ethernet2/0/1] port link-type access
```

o Assign the default VLAN:

```
[Switch-Ethernet2/0/1] port default vlan 2
```

o Activate the port:

```
[Switch-Ethernet2/0/1] undo shutdown
```

o Exit interface configuration:

```
[Switch-Ethernet2/0/1] quit
```

o Optional Security Settings

o Enable port security to prevent unauthorized devices:

```
[Switch-Ethernet2/0/1] port-security enable[Switch-Ethernet2/0/1] port-security mac-address sticky
```

o Apply rate limiting to control bandwidth:

```
[Switch-Ethernet2/0/1] qos lr outbound cir 100000
```

o Use ACLs to restrict traffic to trusted IP ranges:

```
acl 3000
```

o Save Configuration

o Ensure changes persist after reboot:

```
save
```

Best Practices

- o Always verify VLAN membership and port type to avoid connectivity issues .
- o Use port security and ACLs to protect against unauthorized access .
- o For voice or video traffic, configure QoS to prioritize critical packets .
- o Avoid leaving unused ports enabled to reduce security risks . By following these steps, your Huijue switch access ports will be properly configured for secure and efficient network connectivity, supporting end devices while maintaining VLAN separation and traffic control.

Overview After a PC is connected to a switch through a dedicated console cable, you can perform login configurations

802.1X configuration examples This chapter provides examples for configuring 802.1X authentication to control network

In summary, bulk switch configuration is a very useful tool when a large number of switches need to be configured quickly,

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Card Overview The ES5D00X4SA00 provides four 10GE SFP+ optical ports for data access and line-rate switching. It can be

Configuration Method 2: Ruijie>enable Ruijie#configure terminal Ruijie(config)#int GigabitEthernet 1/1 Ruijie(config-if

S300, S500, S2700, S3700, S5700, S6700, S7700, and S9700 Series Switches Typical Configuration Examples (V200) This

Search technical documentation and downloads including firmware and drivers.

I will give an example of setting up ports on Huawei switches. For the test, I will execute commands on the Huawei Quidway

Follow these steps to get the best results: 1. Open the switch's box, then mount it in an appropriate spot. The particular stages may

Huijue Switch Access Port Configuration

I will give an example of setting up ports on Huawei switches. For the test, I will execute commands on the Huawei

Discover how to optimize network performance and security with Switch Port Configuration,

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An all-optical Ethernet switch provides both optical uplink and downlink ports, and uses optical fibers that feature high transmission

This article focuses on the generic switch access setup guide and also explains the common mistakes

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