

# **Huawei Switch Access to Private Network**





## Huawei Switch Access to Private Network

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### **Making a Wi-Fi network public or private on a HUAWEI computer**

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Learn about 'Making a Wi-Fi network public or private on a HUAWEI computer'. Find all usage guide, troubleshooting tips and resources for your HUAWEI product.

### **Example for Configuring a Traffic Policy to Limit Access Between**

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Configure a traffic policy on the Switch, bind the traffic policy to the traffic classifier and traffic behavior, and apply the traffic policy to GE1/0/1 connected to Switch A in the inbound direction



## Connect to a VPN Network , HUAWEI Support UK

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A virtual private network (VPN) is a temporary connection that extends a private network across a public network, encrypting data transmission to provide security. When working outside the office, you can

## Network ACL Configuration Examples\_Network ACL\_Access

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You can associate a network ACL with a subnet and add inbound rules as described in Table 3 to deny the access from abnormal IP addresses, for example, 10.1.1.12/32, to protect the

## Huawei Switch Configuration Guide

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The document provides configuration instructions and commands for basic switch configuration using Huawei switches. It covers topics such as changing the

## **Notes/hardware/huawei/huawei-switch-commands.md at master**

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```
// Set port GE0/0/1 link type to trunk and allow VLAN 10 and 20. // Set port GE0/0/4 link
type to access and use VLAN 10 as default VLAN. // Do factory recovery in user-view. //
Check latest factory
```

## **How to Change Your Network from Public to Private**

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Switching your network from public to private is quick, easy, and significantly boosts functionality, allowing your devices to communicate freely



## Example for Configuring a Traffic Policy to Limit Access Between

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Configure a traffic policy on the Switch, bind the traffic policy to the traffic classifier and traffic behavior, and apply the traffic policy to GE0/0/1 connected to Switch A in the inbound direction to implement

## Creating a VPN Gateway\_Virtual Private Network-Huawei Cloud

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Click in the upper left corner, and choose Networking > Virtual Private Network. In the navigation pane on the left, choose Virtual Private Network > Enterprise - VPN Gateways. Click the

## Configure VLAN on Huawei Switch: Basic Step or

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Yet, many admins fall into the trap of treating VLANs as checkbox tasks, using default settings that leave networks vulnerable to broadcast storms,

## **Example for Configuring Static Routes to Implement Route-based**

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Configure static routes on Server, PE1, and SwitchA to implement public network connectivity. Configure static routes on PE2 to implement connectivity between public and private networks.

## **How to configure Access Control List (ACL) on Huawei**

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An Access Control List (ACL) in Huawei devices is a set of rules used to permit or deny specific network traffic based on criteria such as source/destination IP address, protocol, or port



## Virtual Private Network (VPN)

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Virtual Private Network (VPN) Secure, reliable, and cost-effective encrypted connections between your local network or data center and a virtual network on

## Virtual Private Cloud (VPC)

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Isolate cloud resources with virtual private networks. VPC enables your cloud resources to securely communicate with each other, the internet, and on

## Private Network Hosts Accessing Private Network Servers Using the

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Hosts on a private network need to access a server on the same private network using



the domain name. The DNS server, however, is located on a public network. You can configure DNS

## **Wireless User Access Security**

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This page provides guidance on securing wireless user access with Huawei's technical support, including encryption methods and authentication protocols.

## **Basic CLI Commands on Huawei Switch**

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This text is a guide detailing Basic Command Line Interface (CLI) Commands on Huawei brand switches. It provides step-by-step instructions for users to perform



## **Creating a VPN Gateway\_Virtual Private Network- Huawei Cloud**

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To connect your on-premises data center or private network to your ECSs in a VPC, you need to create a VPN gateway before creating a VPN connection. The recommended network

## **How to Create VLAN on Huawei Switch: Are You**

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Hackers exploit poorly isolated VLANs to jump between segments, accessing restricted data. On Huawei switches, mitigate this by setting port

## **Intelligent OptiX Network , OptiX , All-Optical Networking**

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Huawei's intelligent OptiX network strategy aims to build intelligent, simplified, ultra-broadband, and ubiquitous next generation all-optical networks.



## Network ACL Configuration Examples\_Network ACL\_Access

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Denying External Access to Instances in a Subnet over a Specific Port If you want to block TCP port 445 to protect instances against WannaCry ransomware attacks, you can associate a

## Applying for a VPN

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Applying for a VPN By default, ECSs in a VPC cannot communicate with your data center or private network. To enable communication between them, use a VPN. To use a VPN, you must first create



# Configuring Access to Internal Hosts Through Public IP Addresses

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Usage Scenario NAT can be configured to allow private network users to initiate access connections to public network services, whereas public network users cannot access intranet users because they

## Contact Us

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