Huawei core switch with firewall



Overview

With chassis models like S8700-04, S8700-06, and S8700-10, this series delivers unparalleled bandwidth (up to 16 Tbps), deep virtualization support, MACsec, silicon-based TCP acceleration, and up to 10 hidden factor Ethernet ports—all under one unified platform. In this scenario, IP addresses of the interfaces connecting the core switch to the BRASs and firewalls and OSPF need to be configured on the core switch, so as to implement connectivity between the user network to egress network through the core switch. This example uses firewall configurations of USG6650 V500R001C60. For details about traffic verification. There is of course a Layer 3 SVI for the Vlan and a Gig interface (Which Connects to Palo Alto firewall). Learn more Sound or visuals were significantly edited or digitally generated. Energy Efficiency Huawei's green networking design cuts power usage by 20%, maintaining sustainability without compromising performance. Q1: Can Huawei routers and switches.

Article Content

Configuring the Core Switch

Configure interfaces for interconnecting the core switch with firewalls. # Create interconnection VLANs on the core switch and add interfaces to the interconnection VLANs.

Example for Configuring a Layer 3 Switch to Work with a Firewall for ...

Layer 3 switches can work at Layer 2 and Layer 3 and be deployed at the access layer or aggregation layer as user gateways. This example uses firewall configurations of USG6650 V500R001C60. For

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How to config your Huawei Core switch with Fortinet firewall

How to config your Huawei Core switch with Fortinet firewall Fortinet firewall plus Huawei layer 3 (core switch configuration) ...more

Configuring the Enterprise Router to Direct Traffic to the Cloud Firewall

To let the enterprise router divert traffic to CFW, configure routing rules and traffic forwarding policies to make inter-VPC traffic pass through CFW for security check and filtering. For

Solved: Connectivity from Core to Firewall

You want to simply extend L2 all the way from the access switch to the firewall so all ports need to be L2 until they get to the L3 interface on the firewall. One thing to check is your access

Fortinet Firewall

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Huawei Router and Switch – The Best Network Switch and Solution

Discover Huawei''s best network switch and routers that create fast, secure, and scalable enterprise networks. Learn why Huawei is the top rated brand.

Why Is the Huawei CloudEngine 12800 Core Switch a Game

Unlike legacy models that rely on reactive firewall protocols, the CloudEngine 12800 embeds threat detection at the hardware level. Its built-in encryption engine safeguards ...

Huawei CloudEngine S8700 Core Switches | Modular Chassis Switch

Explore Huawei CloudEngine S8700 modular chassis switches, designed for enterprise cores and data centers, these switches deliver up to 16 Tbps capacity.

Huawei S6700 Series Switches Product Brochure

As shown in the following figure, the S9700 Terabit routing switches function as core switches in a data center and use firewall and load balancer boards to ensure security and load balancing.

Introducing Enterprise Firewall Core

Discover the Enterprise Firewall Core with 24 Neoverse N2 cores, 40 Gbps SSL Inspection, advanced threat protection, SD-WAN, and license-free security.

Huawei Enterprise Networking: Latest Global News

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Link Aggregation, LAG, LACP and MLAG in 2026:

Switch-switch: Access ↔ distribution Distribution ↔ core Leaf ↔ spine (sometimes with L3 port-channels) Switch-server/storage: Servers with dual or quad NICs

Choose the Right Enterprise Switch in 2026: A

Confused about enterprise switch selection? This technical buyer''s guide explains Layer 3, PoE, buffer, latency, and throughput for Huawei, Ruijie & NSComm.

Example for Configuring a Layer 3 Switch to Work with a Firewall for ...

Example for Configuring a Layer 3 Switch to Work with a Firewall for Internet Access Layer 3 Switch Layer 3 switches provide the routing function, which indicates a network-layer function in the OSI

How to Configure a Firewall: Deployment and Advanced Settings

Security protection is the core feature of a firewall. The essence of routers and switches is forwarding, and the essence of firewalls is control. Firewalls control network traffic based on security zones and

USG6700E Series Next-Gen Firewall | Huawei Enterprise

Huawei USG6700E series 10-gigabit campus firewalls designed for next-generation data centers and large enterprise campuses.

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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