

Huawei Security Convergence Switch



AI Overview

Huawei Security Convergence Switches allow centralized management of multi-vendor firewalls, security policy checks, and automated policy recommendations to streamline network security operations.

Overview of Security Convergence Features

Huawei's Network Security Convergence feature integrates multiple firewalls, including third-party devices, into a unified management framework. It enables centralized configuration, policy synchronization, and automated recommendations, significantly improving operational efficiency and reducing manual intervention by over 60% . Key capabilities include:

- Managing third-party firewalls:** Centralized control of Huawei and non-Huawei firewalls.
- Creating a security matrix:** Mapping services and traffic flows across multiple security zones.
- Performing security policy checks:** Validating existing policies for conflicts or gaps.
- Recommending and enabling security policies:** Automated suggestions based on unified security models.

Basic Configuration Steps

Access the Management Platform: Use Huawei's Eye Master or web-based NMS client to log in and view the network topology and connected firewalls .

Add Firewalls: Register Huawei and third-party firewalls into the system for centralized management.

Synchronize Configurations: Import existing firewall configurations and convert them into a unified security model.

Create Security Matrix: Define zones, services, and traffic flows to visualize interactions between different network segments.

Policy Analysis and Recommendations: Run automated checks to identify policy conflicts and receive recommended changes.

Deploy Policies: Apply validated policies across all managed firewalls, ensuring consistency and compliance.

Advanced Operations

Policy Change Automation: The system can automatically determine which firewalls a service traverses and update policies accordingly, reducing manual ticket handling .

Multi-Vendor Support: Configurations from different firewall vendors are parsed and adapted to a unified model, simplifyi...

Article Content

Huawei Enterprise Switches Guide 2025: Selection, Deployment, and

This guide provides IT administrators, network engineers, and enterprise procurement teams with insights on selecting, deploying, and managing Huawei enterprise switches.

What Is Network-Security Convergence?

By collecting and restoring information such as security policies, security zones, and subnets on firewalls on a data center network, network-security convergence automatically checks

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Corporate Information

Founded in 1987, Huawei is a leading global provider of information and communications technology (ICT) infrastructure and smart devices. We have

Campus Switches | Huawei Enterprise

Huawei campus switches offer high-performance, secure, and reliable switching for enterprises, governments, finance and manufacturing networks. Learn more.

Network Security

Intelligent threat detection, threat response, and security O& M improve the threat prevention capabilities of enterprise networks and telecom infrastructure,

Huawei S5720-56C-EI-AC Switch 48xGE 4x10GE SFP

Huawei S5720-56C-EI-AC Overview The Huawei S5720-56C-EI-AC is an enterprise-class switch designed for high-density campus and aggregation

Interop 2026 | Huawei 100T AI Switch Wins Best of Show Award

Interop 2026, a premier industry ICT exhibition, opened in Chiba, Japan, under the theme "AI & The Internet: The Next Evolution" The event focused on the convergence of AI and networking

Huawei Network-Security Convergence Feature Introduction and

This video introduces the network-security convergence features and demonstrates the operational procedures for several key functions, including managing third-party firewalls, creating...

(Video) Wired and Wireless Convergence Feature Introduction for S ...

Introduces basic principles and application scenarios of the wired and wireless convergence feature supported by S series switches.

Huawei S7700, S8700, S9700, S12700 and S16700 Switches Support

S7700& S8700& S9700& S12700& S16700 Series: Access product manuals, HedEx documents, product images and visio stencils.

High-Quality Financial Branch Campus Network Solution

Huawei High-Quality Financial Branch Campus Network Solution stands out for extensive connectivity, premium quality, hyper-convergence, and intelligent

Best Practices

Create an enterprise switch, establish Layer 2 connections, and configure the VXLAN switch to allow the cloud and the on-premises data center to communicate at Layer 2.

This video introduces the network-security convergence ...

To address this, Huawei introduced the network security convergence feature. Enabling T plus zero ticket closure and improving security operations efficiency by over sixty percent.

Die Historischen Analogkameras

60 jahre geballtes Fachwissen zu historischen Kameras. Jeden Monat neu.

(Infographic) Network-Security Convergence Enables Security

(Infographic) Network-Security Convergence Enables Security Services to Go Live Within Minutes Favorite Download Feedback

[Network Encyclopedia] What is Network-Security Convergence

[Network Encyclopedia] What is Network-Security Convergence | [Issue 1 of DCN High-Value Features] Say goodbye to the legacy data center network security configuration!

Network Security Convergence Features and Operational Procedures ...

This video introduces the network-security convergence features and demonstrates the operational procedures for several key functions, including managing third-party firewalls, creating security ...

CloudEngine S12700E Series Switches | Huawei

CloudEngine S12700E Series Switches CloudEngine S12700E enables wired and wireless convergence, full-stack openness, and smooth upgrades at the core

S7700 Series Switches

S7700 Series Smart Routing Switches The S7700 series provide service optimization features like wired and wireless convergence, unified user

Huawei Xinghe Intelligent Fabric: Network-Security Convergence

With Huawei's network security convergence function, the system can sort out the security policy matrix with 10s of thousands of devices and recommend the optimal policy solution within...

S Series Switches Security Hardening Guide (V200)

S Series Switches Security Hardening Guide (V200) About This Document Intended Audience This document is intended for network engineers responsible for switch configuration and management.

Aggregation Switch: Increasing the Priority of Special Traffic

Networking Requirements Core switches set up a CSS that functions as the core of the entire campus network to implement high network reliability and forwarding of a large amount of data. In addition,

HNS 2024 | Huawei Unveils All-New Upgrades to

At the forum themed "Innovations Never Stop" during Huawei Network Summit (HNS) 2024, Huawei launched the Xinghe Intelligent Network

Xinghe AI Unified SASE Solution

The Xinghe AI Unified SASE Solution helps government agencies and enterprises improve network security and management capabilities in multi-branch

All Products and Solutions

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