Configure core switch to deny network segment access



Overview

configure the same way as following commands in the Huawei core switch : Create ACL Advanced rule : acl 3001 [Switch-acl-adv-3001] rule deny ip source 10. 255 //Prevent the network vlan X from access vlan y. Please advise that there is any rule we can create on main core switch to restrict LAN Segment Access. Kindly be notified that To restrict access between network segments you can configure ACLs rules on the core switch as following: This is >> Example for Using ACLs to Restrict Mutual Access. Network segmentation with switches involves dividing a network into smaller, isolated segments to enhance security, improve performance, and simplify management. "Feature Typical Configuration Examples" provides typical configuration examples of a single feature on a switch. You can configure required features after. Software defined segmentation simplifies the provisioning and management of network access control through the use of groups to classify network traffic and enforce policies. When I did labs, simulations, etc it was basically host A can't access hostB, but can access host C, etc. I never really had to deal with internet access.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Article Content

how to restrict access between network segments

We have to limit access between network segments, Please advise that there is any rule we can create on main core switch to restrict LAN Segment Access

How To Configure A Switch For Network Segmentation?

By following this comprehensive guide, you can effectively learn how to configure a switch for network segmentation, enhancing your network''s security, performance, and manageability.

Deny access from other VLANs / Allow internet

If your switch supports reflexive acls that would be the way to go. If not then you have a problem because acls are not stateful which means if you deny traffic from vlans 10/20 to vlan 30

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

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

Segmentation Strategy

Software defined segmentation technology is embedded within network switches, routers, wireless LAN infrastructure and firewalls and is defined by three primary concepts; classification,

Best way to setup Cisco ACLs, to segment up the LAN, but still allow ...

Best way to setup Cisco ACLs, to segment up the LAN, but still allow internet. At some point we are probably going to do some work with ACLs on our new layer3 core switch. When I did

Switch ACLs: how to config ACL to permit internet access but restrict ...

We have some devices (security cameras, security keypads, backup/archival servers) that need to have internet access (IoT-style dashboards, updates, etc) but I need to restrict access to

Segmentation with Cisco Catalyst SD-WAN and ISE

How are users/devices placed into the correct VPN Endpoint is attached to the network access device (NAD). NAD communicates with ISE (RADIUS) to authenticate the device. If authentication is

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

LAN Segmentation & Network Access Control (NAC) Best Practices

Learn how to build a Zero Trust architecture using network segmentation and Network Access Control (NAC) with solutions like 802.1X, Arista AGNI and Cisco ISE. The contemporary campus network is a

Understanding the Core Switch: Key Differences and Uses

Explore the core switch''s role as the backbone of your network. Discover key differences, uses, and insights into layer 3 core switch technology.

Software-Defined Access Solution Design Guide

This design guide provides an overview of the requirements driving the evolution of campus network designs, followed by a discussion about the latest technologies and designs that are

Network Segmentation, Mitigation M1030

Apply Microsegmentation for Workloads: Use software-defined networking (SDN) tools to implement workload-level segmentation and prevent lateral movement. Restrict Traffic with ACLs

Configure IPv4-based Access Control List (ACL) and Access Control

If you do not configure access lists on your network devices, all packets passing through the switch or router could be allowed onto all parts of your network. This article provides instructions

FAQ-How to Configure the S7706 to Restrict Unidirectional Access ...

Step 3: The services on the 192.168.7.0 network segment of the O&M department are only transmitted on the network under the 405 access switch. Therefore, apply the traffic policy to the

Configure Interfaces and Zones

Configure the interface that connects to your internal network. In this example, the interface connects to a network segment that uses private IP addresses. Because private IP addresses cannot be routed

Deny access from other VLANs / Allow internet

Hi guys! I have a use-case where I''m using a L3 core switch (IP services) with InterVLAN enabled and below VLANs. VLAN 10 SERVERS 192.168.10.0/24 VLAN 20 CLIENTS

Network Segmentation

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Network segmentation divides a computer network into smaller, isolated segments to control and restrict communication. It enhances security by limiting unauthorized access and

Exploring VLAN Security: Importance & Fundamentals | Infosec

Explore the importance of VLAN network segmentation and security in our updated 2021 guide. Dive deep into VLAN fundamentals!

Related Video Reference

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

Contact Us

Continue your research online:

Website: https://fdsoluciones.es
Technical inquiry: https://fdsoluciones.es/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved