

Authentication configuration on the aggregation switch



Overview

To meet the company's high security requirements, configure 802.1X authentication, use the RADIUS server to authenticate terminals in offices, and deploy the authentication point on GE 0/0/2 of SwitchA to facilitate maintenance and reduce the number of. This document describes the configurations of User Access and Authentication Configuration, including AAA, NAC, Policy Association, and Kerberos Snooping. Access switches are utilized to increase port count for layer 2 access to wired devices and access. Most Nexus-based data center designs today use the concept of Cisco® virtual device context (VDC), which allows the creation of separate control-plane domains in a single switch. From a forwarding perspective, vPC is deployed in the context of a VDC. The configuration examples in this document were created and verified in a lab environment, and all the devices were started with the factory default configuration.

Article Content

Example for Configuring Wired 802.1X Authentication (AAA Using

To meet the enterprise's high security requirements, 802.1X authentication needs to be configured to authenticate terminals in the office area through the RADIUS server. Additionally, to facilitate

Port Aggregation Configurations

Port Aggregation Port aggregation allows you to group multiple physical ports into one unit. Port aggregation is useful for implementing load balancing and provides a redundant link backup. To

Native AC + NAC Solution: Aggregation Switches Function as the ...

In addition, aggregation switches are configured with the native AC function to manage APs and transmit wireless service traffic on the entire network, implementing wired and wireless convergence. In this

How to configure Aggregated Ethernet Interfaces on Juniper (Link ...

In this tutorial we will be showing you how to configure Aggregated Ethernet (ae) Interfaces on Juniper switches running Junos. Aggregated Ethernet Interfaces, which are not to be confused with ...

Example for Configuring Portal Authentication to Control User Access

To facilitate maintenance, a moderate number of authentication points need to be deployed on the aggregation switch. A unified identity authentication mechanism is used to

Link Aggregation Configuration

Typical Reliability Configuration Typical User Access and Authentication Configuration Typical Security Configuration Typical QoS Configuration Typical Network Management and Monitoring Configuration

What Is an Aggregation Switch and How to Choose?

An aggregation switch is a network device that consolidates traffic from multiple access switches, wireless access points, or other edge devices and

Example for Configuring 802.1X Authentication (Authentication Point

Example for Configuring 802.1X Authentication (Authentication Point on the Aggregation Switch) Networking Requirements In Figure 2-60, terminals in a company's offices are connected to the

Native AC + Policy Association Solution: Aggregation Switches

In this example, aggregation switches function as the gateways and authentication points for wired and wireless users on the entire network. These users can access the network only after being

Medium Branch Switch Configuration

this section of the guide will demonstrate how to configure a Aggregation switch with dual purposes, providing power and layer 2 access to

Example for Configuring 802.1X Authentication (Authentication Point

This document describes the configurations of User Access and Authentication Configuration, including AAA, NAC, Policy Association, PPPoE, DAA, IP Session, and Kerberos Snooping.

Native AC + Policy Association Solution: Aggregation Switches

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. Aggregation

Example for Configuring 802.1X Authentication (Authentication Point

The Layer 2 switch SwitchB is deployed between the authentication switch SwitchA and users. Transparent transmission of 802.1X packets must be configured on SwitchB so that SwitchA can

Data Center Aggregation Layer Design and Configuration with ...

This chapter covers the design recommendations for a data center design deployment consisting of a Cisco Nexus® 7000 Series Switch at the aggregation layer and a Cisco Nexus 5000 Series Switch at

Aggregation Switch: Increasing the Priority of Special Traffic

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

Example for Configuring 802.1X Authentication (AAA Using RADIUS ...

DeviceB functioning as an access switch is connected to 10GE1/0/2 on DeviceA functioning as an aggregation switch through 10GE1/0/1. To meet the enterprise's high security requirements, 802.1X

Designing and Configuring the Aggregation Layer

The aggregation switches can serve a different role within each EAPS domain, with one switch acting as a transit node and the other as a master node. In this example, we have a common link with

Link_Aggregation_Config_Guide

1 Link Aggregation Configuration Guide This document describes the Link Aggregation feature supported in Supermicro Layer 2 / Layer 3 switch products. This document covers the Link

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