

Huijue Switch Port Aggregation Configuration



AI Overview

Port aggregation on Huijue switches combines multiple physical ports into a single logical link to increase bandwidth, provide redundancy, and enable load balancing. Overview of Port Aggregation Port aggregation, also known as link aggregation, allows multiple physical ports to function as a single logical channel. This improves bandwidth utilization and ensures network reliability, as traffic can be distributed across member links and failover occurs automatically if one link fails. Aggregation can be configured in static mode or using LACP (dynamic negotiation), depending on network requirements .Steps to Configure Port Aggregation1. PrerequisitesEnsure all physical ports to be aggregated are up and in full-duplex mode. Confirm that the VLAN attributes of the aggregation ports and member ports are identical. Decide whether to use static aggregation or LACP for dynamic negotiation .2. Static AggregationEnter the switch console or web management interface. Select the ports to be aggregated. Bind the selected physical ports to a logical aggregation port. Configure the aggregation port as a trunk port if it will carry multiple VLANs. Set the load balancing algorithm (e.g., source IP, destination IP, or MAC-based) to distribute traffic evenly . Save the configuration and verify that the aggregation interface is active.3. LACP (Dynamic Aggregation)Enable LACP on the switch and select the aggregation ports. Assign a Link Aggregation Group (LAG) number. Choose the LACP mode: Active (initiates negotiation) or Passive (responds to negotiation). Configure the aggregation port as a trunk if needed. Apply the configuration on both ends of the link to ensure successful negotiation . Verify the LAG status to confirm all member links are active.4. VerificationUse commands like show interfaces status or show lacp to check the aggregation status. Test traffic flow to en...

Article Content

How to configure a Huijue optical port aggregation switch

Optical Module Solutions for Huawei S5700/S5720 Series Switches This article summarizes several solutions for using optical modules with switches and common problems encountered during usage,

Example for Configuring Link Aggregation in LACP Mode

S1720, S2700, S5700, and S6720 V200R011C10 Configuration Guide - Ethernet Switching This document describes the configuration of Ethernet services, including configuring link aggregation,

UniFi Switching

Intuitive Port & VLAN Management Global Switch Configuration Centralized Remote Management MC-LAG Multi-Chassis Link Aggregation (MC-LAG) pairs two

EtherChannel (Port-Channel) Configuration on Cisco Switches -

What is EtherChannel? EtherChannel (also called Port-Channel) is a port link aggregation technology that bundles multiple physical Ethernet links into one logical link between two switches or

How To Configure Interface Breakout And Aggregation On Ruijie RG

This guide takes the Ruijie RG-S6510-48VS8CQ-X switch (Software Version: S6500-X86_RGOS 11.0 (5)B9P63) as the test device to introduce the configuration of QSFP interface

How to Set LACP (Link Aggregation Control Protocol) on Reyee Switch ...

Introduction: Upgrade your Reyee NBS series switch with the latest firmware (ReyeeOS 2.248.0.2216) to unlock the Link Aggregation Control Protocol (LACP) feature.

Create and configure a virtual switch with Hyper-V

Learn how to create and configure a virtual switch for use by the Hyper-V host and guest virtual machines.

Example for Configuring Link Aggregation in LACP Mode When Switches

Ethernet link aggregation increases link bandwidth by bundling multiple physical links to form a logical link. Link aggregation can work in manual mode or Link Aggregation Control Protocol (LACP) mode.

Chapter18:Link Aggregation Configuration

Chapter 1 Configuring Port Aggregation This chapter describes how to set the port aggregation of the switch.

How to configure Layer 2 Aggregate Port (Static and Dynamic)?

Enable Layer 2 AP on the ports between two Core switches to expand inter-connection bandwidth and ensure a high available network. Use src-mac load balance method.

Huawei routers Switching Basics

This video combines theories with practice, helping you learn about the principles and basic configurations of Ethernet interface mirroring and link aggregation.

Demonstration of port aggregation configuration and troubleshooting

Read more [□ Demonstration of port aggregation configuration and troubleshooting of Huawei switch s5700](#) Huawei port aggregation is divided into two types: manual Load Balancing eth-trunk link and

Link Aggregation Configuration

S1720, S2700, S5700, and S6720 V200R011C10 Configuration Guide - Ethernet Switching This document describes the configuration of Ethernet services, including configuring link aggregation,

Chapter 1 Port Aggregation Commands

When configuring port aggregation, you can select the LACP negotiation mode. In Active mode, the port will transmit the LACP packet actively for LACP negotiation; In passive mode, the port responds to

Configuration restrictions and guidelines

If a port is used as a reflector port for port mirroring, do not assign it to an aggregation group. For more information about reflector ports, see Network Management and Monitoring Configuration Guide.

How do I configure port aggregation to double the port rate

This case describes a high-traffic scenario, such as offices and schools, to explain how to configure port aggregation to achieve the superposition of port transmission rates and effectively

Master the Basic Command Configurations of Huawei, H3C, Ruijie,

As technology advances, networking switches have become an integral part of the IT infrastructure. They play a crucial role in directing communication on the network and ensuring

Two switches in the Huijue aggregation layer

In this lesson, we will talk about Huawei Link Aggregation Configuration. We will show Huawei Link Aggregation Configuration with two examples. One of these examples will be for Layer 2 and the ...

Port Aggregation Configurations

Port aggregation is useful for implementing load balancing and provides a redundant link backup. To allow port aggregation, the basic configuration on all the ports must be consistent. The following list

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