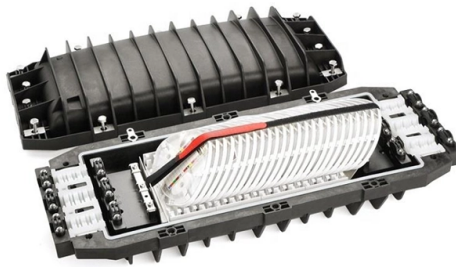


Huawei S5300 Switch VLAN Aggregation



Overview

The S5300 provides the enhanced selective QinQ function to add outer VLAN tags to packets, without occupying ACL resources. to vlan-id2 specifies the end VLAN ID. The value of vlan-id1. VLAN aggregation, also called super-VLAN, partitions a broadcast domain on a physical network into multiple VLANs (sub-VLANs) and aggregates them into a single logical VLAN (super-VLAN). The sub-VLANs are addressed from the same IP subnet and share a default gateway address, thereby reducing the. The S5300 can meet the requirements of multiple scenarios such access to computers at a rate of 1000 Mbit/s on intranets. The S5300 series are classified into SI (standard) and EI (enhanced) models. The S5300 of the SI version supports. This document introduces the product positioning and features, product architecture, link characteristics, business characteristics, application scenarios, operation and maintenance, and technical indicators of the Quidway S5300 series Ethernet switches. File format: PDF Size: - MD5 Checksum:. VLAN aggregation introduces the concept of sub-VLANs and super-VLANs. By mapping a super-VLAN to sub-VLANs. This document covers Ethernet switching configuration, including MAC configuration, Eth-Trunk configuration, VLAN configuration, GVRP configuration, VCMP configuration, STP/RSTP/MSTP configuration, VBST configuration, SEP configuration, ERPS configuration, Layer 2 Protocol Tunneling configuration.

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VLAN Aggregation Configuration

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VLAN aggregation introduces the concept of sub-VLANs and super-VLANs. A sub-VLAN is an independent broadcast domain that contains only physical interfaces, whereas a super-VLAN

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Quidway S5300 Series Gigabit Switches

The S5300 provides the enhanced selective QinQ function to add outer VLAN tags to packets, without occupying ACL resources. The S5300 can map the CoS value in the inner VLAN tag of a packet to

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VLAN Aggregation Configuration

Overview of VLAN Aggregation Understanding VLAN Aggregation Application
Scenarios for VLAN Aggregation Licensing Requirements and Limitations for VLAN
Aggregation Default Settings for

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Understanding VLAN Aggregation

Implementation VLAN aggregation introduces the concept of sub-VLANs and super-VLANs. A sub-VLAN is an independent broadcast domain that contains only physical interfaces, whereas a super

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Overview of VLAN Aggregation

Definition VLAN aggregation, also called super-VLAN, partitions a broadcast domain on a physical network into multiple VLANs (sub-VLANs) and aggregates them into a single logical VLAN (super

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Configuring VLAN Aggregation

Creating a Sub-VLAN Creating a Super-VLAN Configuring a VLANIF Interface Corresponding to a Super-VLAN (Optional) Enabling Proxy ARP on the VLANIF Interface Corresponding to a Super

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VLAN Aggregation Configuration

VLAN aggregation maps each sub-VLAN to a broadcast domain, associates a super-VLAN with multiple sub-VLANs, and assigns only one IP subnet to the super-VLAN. Consequently, the gateway IP

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This document introduces the product positioning and features, product architecture, link characteristics, business characteristics, application scenarios, operation and maintenance, and technical indicators

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VLAN Aggregation Configuration Commands

Generally, a Layer 3 switch usually uses a Layer 3 logical interface in each VLAN to allow user hosts in different broadcast domains to communicate. This wastes IP addresses. The VLAN aggregation

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Understanding VLAN Aggregation

By mapping a super-VLAN to sub-VLANs, VLAN aggregation associates the Layer 3 VLANIF interface with physical interfaces. This allows all sub-VLANs to share one gateway to communicate with an

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Understanding VLAN Aggregation

Understanding VLAN Aggregation Implementation VLAN aggregation defines the super-VLAN and sub-VLAN. A sub-VLAN, as an independent broadcast domain, contains only physical interfaces; a super

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Huawei S5300 Datasheet

Powerful Service Support • The S5300 supports enhanced selective QinQ to add outer VLAN tags to packets without occupying ACL resources, which meets requirements for multi-service provisioning.

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Configuring VLAN Aggregation

This document covers Ethernet switching configuration, including MAC configuration, Eth-Trunk configuration, VLAN configuration, GVRP configuration, VCMP configuration, STP/RSTP/MSTP

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01-05 VLAN AGGREGATION CONFIGURATION

By mapping a super-VLAN to sub-VLANs, VLAN aggregation associates the Layer 3 VLANIF interface with physical interfaces so that all sub-VLANs share one gateway to communicate with an external

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