

Configuring QinQ on the Aggregation Switch



Overview

To configure QinQ, take the following steps on all participating provider switches: Enable QinQ on the device, selecting the appropriate QinQ mode (S-VLAN or mixed VLAN mode). Save the configuration and reboot the switch. Configure S-VLANs and assign per port VLAN. This document describes the configuration of Ethernet services, including configuring link aggregation, VLANs, Voice VLAN, VLAN mapping, QinQ, GVRP, MAC table, STP/RSTP/MSTP, SEP, and so on. Refer to the Cisco Official Release Notes and Configuration Guides for up-to-date information about the limitations, restrictions, configuration. 802. This results in VLAN tags being 'stacked' in the frame. The result is a frame with two tags; the customer tag (AKA, the C-TAG) and the. QinQ stands for 802.

Article Content

Configuring Q-in-Q Tunneling and VLAN Q-in-Q Tunneling and VLAN ...

This task uses Junos OS for EX Series switches with support for the Enhanced Layer 2 Software (ELS) configuration style. If your switch runs software that does not support ELS, see Configuring Q-in-Q

Configuring Basic QinQ

Basic QinQ enables the switch to add a public tag to user packets so that they can be forwarded on the public network. To separate private networks from the public network and conserve VLAN resources,

Configure and Troubleshoot QinQ and L2PT on Catalyst

This document describes how to configure and troubleshoot 802.1Q tunnels (QinQ) and L2PT on Catalyst 9000 switches that run Cisco IOS® XE

Configuring Link Aggregation in LACP Mode

S9300 and S9300E V200R008 (C00& C10) Configuration Guide - Ethernet Switching
This document describes the configuration of Ethernet services, including configuring link aggregation,

Configuring Q-in-Q VLAN Tunnels

This chapter describes how to configure IEEE 802.1Q-in-Q (Q-in-Q) VLAN tunnels and Layer 2 protocol tunneling on Cisco NX-OS devices.

QinQ Fundamentals

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

Understanding QinQ

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

Q-in-Q sample config

For example, customer A and customer B would like their vlan 2-5 to traverse out backbone. If i use 3550 switch, i know i can not do it as it does not support Q-IN-Q. We have ordered

Configuring Basic QinQ

S300, S500, S2700, S5700 and S6700 V200R024C00 Configuration Guide - Ethernet Switching This document describes the configuration of Ethernet services, including configuring MAC address table,

QinQ Configuration

This document describes the configuration of Ethernet services, including configuring MAC address table, link aggregation, VLANs, VLAN aggregation, MUX VLAN, VLAN termination, Voice VLAN,

QinQ Configuration

AR100, AR120, AR150, AR160, AR200, AR1200, AR2200, AR3200, and AR3600 V200R010 CLI-based Configuration Guide - Ethernet Switching This document describes how to configure the components

Configuring Link Aggregation in LACP Mode

This document describes the configuration of Ethernet services, including configuring MAC address table, link aggregation, VLANs, VLAN aggregation, MUX VLAN, VLAN termination,

Q-in-Q Configuration: Cisco 802.1Q Tunnelling Guide

Configure Q-in-Q (802.1Q tunnelling) on Cisco switches: stack VLAN tags for service provider traffic separation, with L2 protocol tunnelling and verification.

Configuring QinQ-based Layer 2 Protocol Tunneling

S12700 and S12700E V200R025C00 Configuration Guide - Ethernet Switching This document describes the configuration of Ethernet services, including configuring MAC address table,

Example for Configuring Selective QinQ and VLAN Mapping

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

Typical QinQ Configuration

Before configuring selective QinQ on a fixed switch, you must run the qinq vlan-translation enable command to enable VLAN translation. You are advised to configure selective QinQ on a hybrid

QinQ Configuration

This chapter describes the concepts and configuration procedure of 802.1Q-in-802.1Q (QinQ), and provides configuration examples.

What is Link Aggregation (LAG) in Networking?

Example Configuration: Layer 2 EtherChannel using LACP Configuring LACP on a Cisco switch involves defining the ports that you want to aggregate and

QinQ Fundamentals

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Overview of QinQ

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NVIDIA Enterprise Support Portal | QinQ

This post explains how to configure QinQ (802.1ad) on Mellanox Switches. QinQ (802.1ad) allows multiple C-VLANs to be tunneled via a new S

Configure QinQ Huawei Switch

Today I will show how to configure QinQ in Huawei Switch port/interface. As shown in Figure, there are two enterprises on the network,

Configure and Troubleshoot QinQ and L2PT on Catalyst 9000 Switches

IntroductionPrerequisitesConfigureVerifyTroubleshootRelated InformationThis document describes how to configure and troubleshoot 802.1Q tunnels (QinQ) and L2PT on Catalyst 9000 switches that run Cisco IOS® XE software.See more on cisco
Published: Sep 17, 2024H3C

Support - 07-QinQ configuration- H3C

Configure QinQ on PE 1 and PE 2 to transmit traffic in VLANs 100 and 200 for Company A and Company B, respectively. For the QinQ frames to be identified correctly, set the SVLAN TPID to

Configuration Examples for QinQ

This document describes the configuration of Ethernet services, including configuring link aggregation, VLANs, Voice VLAN, VLAN mapping, QinQ, GVRP, MAC table, STP/RSTP/MSTP, SEP, and so on.

Configuring QinQ

To configure QinQ, take the following steps on all participating provider switches: Enable QinQ on the device, selecting the appropriate QinQ mode (S-VLAN or mixed VLAN mode). Save the configuration

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.sphplantsales.co.za>

Email: info@sphplantsales.co.za

Phone: +27 64 827 3915

Address: Unit 9, Highveld Technopark, 43 Atlas Road, Johannesburg, 2196,
South Africa

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