

# **VLAN Switch Aggregation Configuration Example**





## VLAN Switch Aggregation Configuration Example

---

### Layer 2 dynamic aggregation configuration example



As shown in Figure 13, configure a Layer 2 dynamic aggregation group on both Device A and Device B, enable VLAN 10 at one end of the aggregate link to communicate with VLAN 10 at the other end, and

[Contact Us](#)

### Example for Configuring VLAN Aggregation

Configuration Roadmap You can configure VLAN aggregation on SwitchB and add VLANs of different departments to the super-VLAN so that users in different departments can access



[Contact Us](#)

### 01-04 VLAN AGGREGATION CONFIGURATION

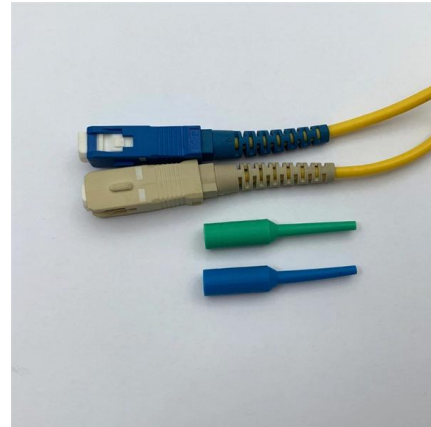
Through the mapping between a super VLAN and sub-VLANs, VLAN aggregation associates the Layer 3 VLANIF interface with physical interfaces so that all sub-VLANs share one gateway to

[Contact Us](#)

### 01-05 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





### **Tutorial of Switch Link Aggregation (V4.80) -- Zyxel**

Note: This tutorial provides example references; actual configurations should be applied based on your specific environment requirements, including the

[Contact Us](#)

### **OLT Port Configuration, Cisco Catalyst PON Series Switches**

Chapter: Port Aggregation Configurations  
Chapter Contents Overview of Port Aggregation  
How to Configure Port Aggregation Configuration  
Examples: Port Aggregation Overview of Port

[Contact Us](#)



### **Support**

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.

[Contact Us](#)





## Layer 2 dynamic aggregation configuration example

Configure a Layer 2 dynamic aggregation group on Device A and Device B. Enable VLAN 10 at one end of the aggregate link to communicate with VLAN 10 at the other end, and VLAN 20 at one end to

[Contact Us](#)



## Link Aggregation Group

To configure LAG using PAgP, create multiple port-channel interfaces and add them to the corresponding port bundle. Configure PAgP on the uplink switch so that the PAgP bundle can

[Contact Us](#)



## Link Aggregation Configuration

"Campus Networks Typical Configuration Examples" provides typical campus network networking modes and a variety of deployment examples. "Feature Typical Configuration Examples" provides

[Contact Us](#)



## VLAN Aggregation Configuration

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

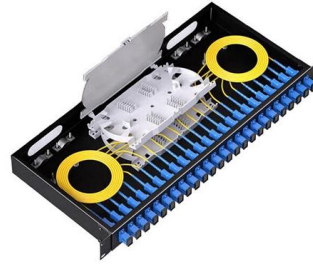
[Contact Us](#)



## VLAN Aggregation Configuration

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).

[Contact Us](#)



## Data Center Aggregation Layer Design and Configuration with

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

[Contact Us](#)

## Understanding VLAN Aggregation

Background VLAN technology is widely used on switched networks because it can flexibly control broadcast domains and is easy to deploy. Communication between broadcast domains on a Layer 3

[Contact Us](#)



## Example for Configuring MUX VLAN on an Aggregation Device

S12700 and S12700E V200R024C10 Configuration Guide - Ethernet Switching This document describes the configuration of Ethernet services, including configuring MAC address table, link aggregation,

[Contact Us](#)



## Chapter18:Link Aggregation Configuration

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

[Contact Us](#)



### 01-05 VLAN AGGREGATION CONFIGURATION

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

[Contact Us](#)

### Layer 2 aggregation load sharing configuration example

Enable VLAN 20 at one end of the aggregate link to communicate with VLAN 20 at the other end. Configure link aggregation groups 1 and 2 to load share traffic across aggregation group member ports.

[Contact Us](#)



### Support

Procedures Verifying the configuration  
Configuration files Related documentation  
Introduction This document provides Ethernet link aggregation configuration examples.  
Prerequisites The

[Contact Us](#)



## OLT Port Configuration, Cisco Catalyst PON Series Switches

Configuration Examples: Port Aggregation The following examples are that of a network topology where ports 1 to 12 of device 1 and device 2 are configured with dynamic LACP. The

[Contact Us](#)



## Support

Restrictions and guidelines When you configure Layer 2 link aggregation, follow these restrictions and guidelines: · When you assign a port to an aggregation group, the recommended configuration

[Contact Us](#)

## Tutorial

Learn how to configure a Cisco Switch Link Aggregation using the command-line, by following this simple step-by-step tutorial, you will be able to

[Contact Us](#)



## Example for Configuring the Super-VLAN

Sx300 Series Switches Typical Configuration Examples (V200) Example for Configuring the Super-VLAN Super-VLAN Overview Super-VLAN, also called VLAN aggregation, reduces the

[Contact Us](#)



## Example for Configuring VLAN Aggregation

Configure VLAN aggregation on Switch B to add VLANs of different departments to a super-VLAN so that PCs in different departments can access the Internet using the super-VLAN.

[Contact Us](#)



## Contact Us

---

For datasheets, pricing, or custom fiber access solutions, please visit:  
<https://frindel.es>