

TP switch VLAN aggregation



Overview

In this guide, I will be demonstrating how to set up a LAG (Link Aggregation Group) using LACP. The two TP-Link switches used as examples are the TP-Link T1500G-10MPS Power over Ethernet (PoE) smart switch (affiliate link) and the TP-Link T2600G-28TS switch (affiliate link). This guide discusses Multi-Chassis Link Aggregation (M-LAG), a technology that provides both link and device redundancy without the constraints of traditional methods and describes its configuration and operation on TP-Link Omada Campus Layer 3 switches. 3ad, is used to combine multiple physical links dynamically as a logical link, and thus this logical link will have higher bandwidth and. When your business runs multiple VLANs for guest networks, employee devices, VoIP systems, and IoT equipment, Omada L3 switches route traffic between those networks without bottlenecking at your router. These managed switches come in 24-port and 48-port models with Gigabit or 10 Gbps connectivity. Its ID is set to 1, which is the default VLAN ID for most network switches.



Article Content

Jun 08, 2026

Configuring 802.1Q VLAN

Overview VLAN (Virtual Local Area Network) is a network technique that solves broadcasting issues in local area networks. It is

May 01, 2026

How to Configure VLAN on TP-Link Switch

Background: This post provides a configuration guide to set up a VLAN-tagged and untagged port, PVID, and trunk on

Oct 24, 2025

Data Center Aggregation Layer Design and Configuration with ...

Introduction This chapter covers the design recommendations for a data center design deployment consisting of a Cisco Nexus®

Oct 07, 2025

How to Configure VLANs on a TP-Link Managed Switch

I purchased the budget friendly TP-Link T2600G-28TS L2 managed switch (affiliate link) for

Mar 03, 2026

Configuring Switch VLANs and GARP on TP-Link TL-SL3428, TL

Learn the essentials of configuring VLANs and GARP settings on your TP-Link switch for optimal network performance.

Jan 17, 2026

How to configure 802.1Q VLAN on TP-Link Easy Smart/Unmanaged Pro Switches

Configuration Steps: Exemplified with TL-SG105E, the following section shows how to configure 802.1Q VLAN on the

Oct 26, 2025

Configuring 802.1Q VLAN on TP-Link Easy Smart Switches in

Introduction: This article provides a comprehensive guide on configuring 802.1Q VLAN on Easy Smart switches to

Sep 16, 2025

How to configure 802.1q VLAN on Smart Switches

A Virtual Local Area Network (VLAN) is a network topology configured according to a logical scheme rather than the

Aug 04, 2025

How to configure link aggregation on TP-Link Wi-Fi products

Note: The wireless router doesn't support link aggregation under the Access Point Mode. Introduction: Some TP-Link

Oct 24, 2025

How to configure LACP on our Smart/ Managed Switch

We strongly recommend you should firstly configure LAG feature on switch before other functions like VLAN, STP,

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Configuring LAG

LACP The switch uses LACP to implement dynamic link aggregation and disaggregation by exchanging LACP packets with its peer

Dec 20, 2025

How to configure 802.1Q VLAN for LAG ports on Smart and Managed ...

Configuration Scheme: Create static LAG1 and LAG2 on switch A, and create static LAG for switch B and switch C

Jun 29, 2026

How to configure 802.1Q VLAN for LAG ports on Smart and ...

A LAN can be divided into several VLANs logically, and only the hosts in the same VLAN can communicate with each

Jul 20, 2026

TL-SG105E 5 Port Gigabit Easy Smart Switch VLAN LAG Link

TL-SG105E 5 Port Gigabit Easy Smart Switch VLAN LAG Link Aggregation Manage

Nov 07, 2025

How to Configure Management VLAN on TP-Link Smart and Managed Switches ...

Introduction Management VLAN provides a safer method to manage the switch. With management VLAN configured,

Aug 03, 2025

TL-SG105E | 5-Port Gigabit Easy Smart Switch | TP-Link

Link Your Devices, Create Convenient Business The 5-Port Gigabit Easy Smart Desktop Switch provides

Nov 17, 2025

L3 Switch for Advanced Networks | Omada by TP-Link

L3 switches work best as core or aggregation devices in networks with multiple VLANs or building segments that need routing

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TP-Link TL-SG1016DE Review: 16-Port Gigabit Switch

You'll find the TL-SG1016DE a straightforward, no-frills 16-port Gigabit switch that's built for reliable, wire-speed

Nov 18, 2025

Configuring 802.1Q VLAN

2) Configure port parameters for 802.1Q VLAN. 2.1 Using the GUI 2.1.1 Configuring the VLAN Choose the menu L2 FEATURES >

Jun 14, 2026

Configuring Protocol VLAN

3) Configure Protocol VLAN. Configuration Guidelines You can use the IP, ARP, RARP, and other protocol templates provided by TP

Sep 24, 2025

How to Configure LAG/LACP and VLANs using SFP Ports on Two TP

We strongly recommend you should firstly configure LAG feature on switch before other functions like VLAN, STP,

Jun 25, 2026

Link Aggregation (LAG) im Netzwerk

Link Aggregation geht im Netzwerk (fast) immer mit LACP (Link Aggregation Control Protokoll) einher. Das LACP

Aug 18, 2025

Multi-Chassis Link Aggregation (M-LAG) Configuration Guide

This guide discusses Multi-Chassis Link Aggregation (M-LAG), a technology that provides both link and device

Sep 19, 2025

How to Configure VLANs on a TP-Link Managed Switch

The focus of this topic is configuring a managed switch, the TP-Link T2600G-28TS in particular, to create several

May 09, 2026

How to configure 802.1Q VLAN on L2 Managed switches using the ...

Now let's learn how to configure the tag VLAN on L2 Managed Switches by the following example: Network Topology:

Oct 08, 2025

Link Aggregation (LAG) with TP-Link SG2008 Switch and Synology

In this video you can learn how to setup LAG (Link Aggregation Group) between your

Contact Us

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