

How to configure a gateway aggregation switch



Article Overview

To configure an aggregation switch as a gateway, you need to set up VLANs, Layer 3 interfaces with IP addresses, routing, DHCP, and optionally link aggregation for redundancy and performance.

Step 1: Prepare the Switch Stack

Before configuring the gateway, ensure that aggregation switches are stacked properly to function as a single logical unit. Verify that all switches are factory default, connected via reserved auto-stacking ports in a ring topology, and that the stack conductor is identified. Use the mode button to assign the conductor and join members to the stack, confirming operational status via LED indicators (solid green for active members) .

Step 2: Configure VLANs

- Avoid using VLAN 1 as a management or service VLAN.
- Create separate VLANs for management and service traffic to prevent service interruptions.
- Assign interfaces to VLANs based on actual service requirements, ensuring that downstream packets are properly forwarded .

Step 3: Configure Layer 3 Interfaces

- Assign IP addresses to the Layer 3 interfaces on the aggregation switch.
- Configure routing to ensure connectivity between VLANs and upstream networks.

Article Content

Link Aggregation and Ethernet Bonding Feature Overview and ...

Introduction and overview This guide includes two sample configurations for Link Aggregation Control Protocol (LACP), or dynamic

How to Configure EtherChannel Link Aggregation Control Protocol

Manual Etherchannel Configuration - Without using any negotiation protocol listed above Link Aggregation Control Protocol (LACP)

Contact Us

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