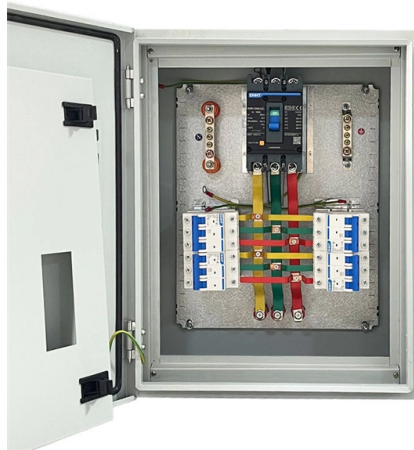


# Layer 2 switch cannot ping aggregation layer



## Overview

The show interfaces terse command shows that the LAG is down. Verify that all member ports are up. You must be in the global configuration context: switch (config)#. While creating the layer 2 aggregate interface, the system automatically creates a layer 2 static aggregation group numbered the same. This command does not impact the administrative. The gateways of both L2 switches is the same You can ping the firewall, L3 and L2-SW2 from L2-SW1 You can ping the L2-SW1 from the L3 switches You can't ping the L2-SW1 from the firewall; The config on both L2 switches is the same apart from the below which is in the config for the switch i cant. Static LAG or LACP does not link up or aggregate the speed. When LACP (Link Aggregation Control Protocol) or static LAG (Link Aggregation Group) is not functioning properly, common troubleshooting steps and checkpoints include: 1.

## Article Content

Troubleshoot an Aggregated Ethernet Interface

Verify that a LAG is part of family ethernet—switching (Layer 2 LAG) or family inet (Layer 3 LAG). Verify that the LAG member is connected to the correct LAG at the other end.

What are Link Aggregation Groups (LAGs) and how do

What are Link Aggregation Groups (LAGs) and how do they work with my managed switch? Link aggregation lets a switch treat multiple physical links

Link Aggregation: What is it, and How Does it Work?

Link aggregation is a way of bundling a bunch of individual Ethernet links together so they act like a single logical link. Learn more on the Auvik blog

I cannot ping between my vlans using layer 3 switching

I cannot ping between my vlans using layer 3 switching without a ROS. am i missing somethong here? I have 13 vlans. I am not using a router to

HPE 5940 SWITCH: Cannot ping after configure bond

As per Parnassus'' suggestion - use Bridge-aggregation instead of Route-aggregation, it makes much more sense in your case. - This is not what I

Link Aggregation and Ethernet Bonding Feature Overview and ...

Link aggregation interfaces have names like "po1" and "sa1" depending on the aggregation method in use. Ethernet bonding is used to refer to static or dynamic (LACP) aggregation configured on router

Solved: cant ping L2 switch internally

In your original post you mentioned that you are able to ping the firewall from sw1, but not vice versa. That means when you are pinging from sw1 without specifying the source address it''s

Pinging across a Flat Layer 2 Network

They have a very odd network, but it''s essentially a flat layer 2 for most of the infrastructure, and that''s where I''m having issues. For some reason, I cannot ping one of the switch IPs despite it being on the

Ping/Connection issues Layer 2 switched network

Cant ping computer from another computer, the switch it is connected to, or the core switches. Based on your explanation it appears host has a valid IP address and a default gateway

## Case Study: An Access Switch Cannot Ping the Gateway When the

Check configurations of the downlink Eth-Trunk24 and uplink Eth-Trunk52. Check the load balancing mode of unknown unicast packets on the Eth-Trunks. The hash algorithm is performed for broadcast

## What Is an Aggregation Switch and How to Choose?

These aggregation switches typically operate at Layer 2 or Layer 3 of the OSI model, depending on the network topology and configuration

## Configuration Guide for Cisco NCS 4000 Series

The optional Link Aggregation Control Protocol (LACP) is defined in the IEEE 802 standard. LACP communicates between two directly connected systems (or peers) to verify the

## Configuring a layer 2 static aggregation group

On the 4100i, 6000, 6100, and 6200 Switch Series, routing is not supported on physical interfaces. On the 6300 and 6400 Switch Series, routing is disabled by default.

## Layer 2 aggregation load sharing configuration example

Configure Layer 2 static aggregation groups 1 and 2 on Device A and Device B, respectively. Enable VLAN 10 at one end of the aggregate link to communicate with VLAN 10 at the other end.

## Two computers cannot ping one another

I've got two physical computers which are connected to the same unmanaged switch. Said switch is connected to a server handing out IP

## Basic router and switch issue

I'm just trying to use SW1 as a layer 2 switch and grant my PC internet access through it. I've removed the /30 from fa0/1 on R1 and changed the default

## layer 2 loop and link aggregation : r/networking

Is my understanding right? I am under the impression that if you connect two switches with link aggregation control protocol then since the two ports on each side act as one logical port that no

## Meraki Switches

Meraki MS Switches combine enterprise-grade hardware with cloud management, allowing your organization to scale effortlessly. Explore the models.

## Layer-2 Link Aggregation Configuration

Link aggregation, also called trunking, is an optional feature available on the Ethernet switch and is used with Layer 2 Bridging. Link aggregation allows logical merge of multiple ports in a single link.

IEEE 802.3ad Link Aggregation troubleshooting

To debug any aggregation problems, it is best to verify the switch's configuration. The following IEEE 802.3ad Link Aggregation statistics represent the status of the LACP on each port of the aggregation.

What are Link Aggregation Groups (LAGs) and how do

All the physical links in a Link Aggregation Group (LAG) must operate in full-duplex mode at the same speed. You can use a LAG to directly connect

Link Aggregation

Link aggregation means grouping connections to link multiple connections between two components (switches, servers, storage systems, etc.) and view them

Aggregation layer | FortiSwitch 7.6.0 | Fortinet Document Library

It facilitates the connectivity because it would rapidly become impractical to interconnect all access switches in a full mesh of links without relying on an aggregation point for these multiple access-layer

Troubleshooting Link Aggregation LAG/LACP Not Working

Troubleshooting: When LACP (Link Aggregation Control Protocol) or static LAG (Link Aggregation Group) is not functioning properly, common troubleshooting steps and checkpoints

Unable to ping from layer 2 switch to Layer 3 switch

Hi all, I have 3550 switch working as layer 3 . It has vlan 20 configured and it is running ospf. Vlan 20 configuration interface Vlan20 ip address 192.168.20.1 255.255.255.0 ip ospf hello

Solved: layer 3 switch and ping problems

I have a lab with different networks and on one network I have a layer 2 and layer 3 switch, the layer 3 switch is directly connected to a router. I have a few different vlans on this

## Contact Us

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