

# Core switch stacking connection failed



## Overview

If a switch does not join a stack, look for incompatibilities between the stack master and member switches in relation to the Cisco IOS version, the license levels, and the configuration settings on the switches. Just starting to look at stacking now. This is basically vrrp A Stacked CORE switch is a control plane single point of failure. The first step would be to un-stack them and as you suggested running VRRP/HSRP is probably a good solution. Both x690 switches have the core licence and will do layer 3. Our provider will add our 10 gig ring to our rack and normally they handoff one 10gig fiber to us. The. Moving Firewall, no big issue and we connected it up to the 9000 and it reconnected with the other Firewall and they connect to eatcher, we move the active firewalls from the firewall connected to the N5K switch to the firewall connected N9K switch. And everything is working But when we move the. Switch stacking is a feature of certain Cisco access layer switches which allows for the creation of a single logical device from many individual devices via a backside stack port connected by several stack cables.



## Article Content

Jul 15, 2025

### Switch Stacking Concept

Configuring all switches may be headache & time consuming. Hence, to deal with these situation a switch feature called switch stacking is used to

Oct 13, 2025

What could go wrong by using a core switch stack for both ...

What could go wrong by using a core switch stack for both outside and inside connections? Hi r/networking, This is a pretty simple router (ASA) on a stick network and consists of two routers for

Sep 21, 2025

### Switch Stacking Basic Setup and Configuration Steps

Single Point of Failure: If the master switch in the stack fails, it can cause the entire stack to become unstable or even go down, affecting all the

May 24, 2026

### Best practices when configuring an Access switch stack to Core

Only a few access switches connect to the Core stack to communicate with servers that connect to the core. It's setup differently than the way I learned but besides the point. With the upgrade, let's say I

Apr 19, 2026

### Best practices when configuring an Access switch stack to Core

Inter-switch trunks should be an LACP bundle of at least two links for redundancy. Spread them across stack members so you don't lose a closet if one member goes down. Build your topology as a tree,

Jan 16, 2026

### Solved: New Core Switch

As soon as any VS is moving from 1 box to the other this is seen as illegal by some switches, same in VMware switches. I myself never dealt with the 9000's but this is where I would

Aug 04, 2025

core switch redundancy

The switches in a stack can all be used to forward traffic, every port is available to configure and use as a normal switch. If the master switch fails then

Oct 04, 2025

### Switch Stacking Concept

Switch stacking is a method of binding multiple switches so that they can act as a single switch. This method is applicable on access layer switches.

Jan 17, 2026

### Stack or separate core switching (x690)

We're going to install two 48 port SFP+ switches at a co-location facility that will house all of our primary servers and storage. Both x690 switches have the core licence and will do layer 3. Our

Jun 08, 2026

How to configure core switch via stacking system?

I have looked at 2 x WS-C3850-24XS-E 1/10Gbps switches with 640Gbps switching capacity. My question is if i stack them would i configure the ACL's and Routing etc on just one

Feb 14, 2026

### FS Community

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Dec 29, 2025

### How Do I Troubleshoot a Stack Setup Failure?

How Do I Troubleshoot a Stack Setup Failure? Possible causes for a stack setup failure include incorrect configuration, faulty links. Perform the following operations to troubleshoot a stack

Dec 07, 2025

should core switch be stacked

Does the core connect to a disti layer or collapsed backbone or something else? Depending on what the core is actually doing will inform what suggestions we might make.

Aug 02, 2025

### Cisco Catalyst 9300 Stack Detection Failure | CLI

Diagnose why a switch stops recognizing stack members using CLI commands, identify physical and software causes, and prevent future stack splits.

Jul 27, 2025

### Verify and Troubleshoot Stackwise on Catalyst 9200/9300

This document describes how to troubleshoot common failure scenarios in Stackwise deployments of Catalyst 9200/9200L and 9300/9300L.

Jan 15, 2026

### Switch Stacking Explained: Basis, Configuration & FAQs

Switch stacking connects multiple switches into one logical unit. Learn its basics, benefits, configuration, and how it differs from MLAG.

Feb 19, 2026

### Core Switch & Access Switch Connections

In the core stack I will connect one NIC from each server into each switch - making the core redundant for those servers - if one core switch fails I

Dec 30, 2025

### Switch Stacks

Meraki switches allow for physical stacking on select switch models so you can easily manage all of your switches and get physical redundancy in the

Jul 30, 2025

### S5700 Stack Fault Troubleshooting

S5700 Stack Fault Troubleshooting This document describes the troubleshooting flowchart and typical troubleshooting cases for a stack setup failure.

Nov 05, 2025

### Stacking and High Availability Configuration Guide, Cisco IOS XE

A switch stack can have up to eight stacking-capable switches connected through their StackWise ports. Only homogenous stacking is supported, that is, a stack of Cisco Catalyst 9200

Oct 12, 2025

### Troubleshoot Catalyst 9200/9300 Reloads Due to Stack

This document describes how to troubleshoot unexpected reloads due to stack issues on Catalyst 9000 switches.

Jul 04, 2025

How to configure existing core switch as stack

Currently core switch has only a few VLANs and few routing as configuration. I need to know that the core switch configuration is removing or not when, configuring the stack on the current

Nov 09, 2025

Solved: 3850 Switch Stacking Fails

Hi All, I have two 3850 switches the Frist one is this Switch Ports Model SW Version  
SW Image Mode ----- \* 1 32 WS-C3850-24T ...

Nov 18, 2025

Troubleshoot SVL on Catalyst 9000 Switches

This document describes how to identify, collect useful logs, and solve problems that can occur with SVL on Catalyst 9000 switches.

Aug 17, 2025

Linking of multiple Ethernet switches — cascading, stacking and ...

Therefore, the best way to connect multiple Ethernet switches depends on your specific network configuration and requirements. Deep Dive: A Closer Look at Switch Cascading, Stacking,

Sep 08, 2025

Redundancy for Core Switch Stack : r/networking

Stacking at the core (regardless of vendor) is universally a bad idea. If they're not wanting to buy all new expensive gear, you have two options, both with advantages and disadvantages. Split the stack into

Jan 18, 2026

I totally fucked up our network core switch and everything is ...

I totally fucked up our network core switch and everything is down right now I'm just an apprentice and I don't know what I've done wrong! We have a pair of Dell N3224P-ON switches and today's morning

Oct 15, 2025

Pings from core stack failing

Stacked ICX7550-24 (2 units) running 08.0.95gT241 Pings from the switch to a server in my Azure tenant drop about 50%. Pings from a Windows Server 2022 on the same subnet as the

Sep 10, 2025

### Troubleshooting Switch Stacks

If a switch does not join a stack, look for incompatibilities between the stack master and member switches in relation to the Cisco IOS version, the license levels, and the configuration settings on the

Jan 08, 2026

### Redundancy for Core Switch Stack : r/networking

A Stacked CORE switch is a control plane single point of failure. This is a design problem you can fix. The first step would be to un-stack them and as you suggested running VRRP/HSRP is probably a

## Contact Us

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