

Core switches do not need to be stacked



Overview

Stacking the Core switches will create a control plane single point of failure so it should be avoided in my opinion. More likely you're going to use vPC and HSRP in the core and stacking at the access layer. Connecting. These two switches need to be in HA so that one switch will go up if another fails. Stacking turns multiple. This article explains what switch stacking is, how stacking works, its advantages and disadvantages, why Asterfusion is moving away from stacking, and alternative solutions — and shows how we address the challenges modern network designs face due to stacking. (might add another AS in future) So I'd just connect every AS to each CS (so redundant uplink), run VRRP and L3 on the CS's.



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Cascade vs Stack vs Cluster: Learn how to connect multiple Ethernet switches, compare the key differences, and choose the best setup to boost your network performance.



Selecting between core, aggregation, and access switches is not only technical — it's strategic. Once you know what your network needs, choosing the right type of switch will optimize ...



As the other poster has noted, generally the stack is superior to standalone switches, although, in theory, a dual L3 core offers a bit higher reliability as you're not sharing the same IOS on ...



Using this design, you can go up to eight switches and never need more than 4x10-GbE ports per switch to interconnect other access-layer switches or the aggregation layer.



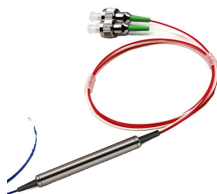
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This feature allows Network Engineer to make a stack of switches in a single wiring closet. To make use of all benefits, switches have special hardware and interface available in them.



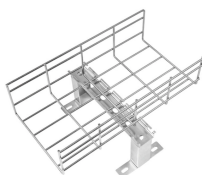
Stacking switches is not akin to an HA pair. Stacking turns multiple switches into a single unit for management and provides improved throughput across the switches.



In the evolution of network device management, switch stacking simplifies management by turning multiple switches into one logical device, making it a popular choice in many networks. But ...



If i don't stack the core switches and use the same management vlan for all the Meraki switches, half of my uplink ports will not forward the traffic. The reason is Meraki doesn't support the ...



For environments where a combination of different port speed and media types are needed, such as a mix of copper gigabit Ethernet and fiber gigabit or 10 gigabit, stackable switches make this possible ...

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