

Spanning Tree Protocol (STP) is crucial in preventing network loops, which can cause widespread disruptions in Ethernet networks. However, to harness the full benefits of STP, it must be ...

We have a pair of Dell N3224P-ON switches and today's morning my colleague gave me a task and instructions to remove some unused VLANs. I'm sure I removed the correct VLANs. When I saved ...

To maintain network stability and prevent loops, follow these best practices: Centralized Switching: Avoid overutilizing the built-in switch ports on your UniFi Gateway. Instead, use one UniFi switch as ...

Depending on the model of switch, the specifics of how to mitigate this may vary. Basically, when you have switches connected to each other, they dynamically figure out how to send datagrams through ...

When I plug in the SFP+FOC, the port on the Core switch lights up instantly, but when I plug in the SFP module to the Access switch, it acts like there is nothing connected.

Confirm the switch ports are connected as intended for all 3 layers - Core, Aggregation, and Access layers.

Switch Restart (Troubleshooting Step): As a troubleshooting step, consider performing a controlled restart of the core switches (MS425) during a maintenance window. This can sometimes ...

I'm going to use two XOS based core switches, and a pair of X435 switches in my example below, you can extrapolate from there. Setting up an MLAG (Multi-Chassis Link ...

We have two core switches in our network one of them, we have assigned 2 ports to a same Vlan and each of the port is connected to two firewalls i.e firewall 1 and firewall 2 rewall 1 and ...

I decided to perform a process of elimination by disabling ALL (except most critical) ports on the core switches and then re-enabling them in groups. Also worked with the server team and we ...

If a Root Guard-enabled port receives superior BPDU (Bridge Protocol Data Unit) that could cause it to become the root port, the port is moved into a root-inconsistent state, effectively ...

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