

Multiple Spanning-Tree Protocol (MSTP), which uses Rapid Spanning-Tree Protocol (RSTP) for rapid convergence, enables multiple VLANs to be grouped into and mapped to the same spanning-tree ...

If you have the same configuration that needs to be placed on multiple ports, then doing each one individually can be time consuming. To save time use the " interface range " command.

It is a compound port which can support two different physical ports with same switch fabric and port number but both the ports can't be used simultaneously. It is used to configure the ...

A port-channel allows you combine multiple ports together to both increase the link's bandwidth (but not speed) and build-in some link redundancy incase one link fails.

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A trunk port is a switch interface configured to carry traffic for multiple VLANs over a single physical link.

In Cisco IOS, &quot;interface range&quot; command can help you configure multiple interfaces in one single command. This can be a range of switch ports on a module or multiple ports on multiple module be it ...

This guide provides an engineering-level overview of switch port technologies, real-world deployment mapping, and detailed selection methodology for campus, enterprise, and data center ...

The output on switch S1 in this example shows all three ports in the forwarding (FWD) state and the roles of the three ports as either designated ports or root ports.

When a switch boots it participates in the STP convergence process to determine which of its ports will root or designated ports, and which ports must block the flow of traffic.

SMU is an emergency point fix positioned for expedited delivery to a customer in case of a network down or revenue affecting scenario. Cold Patching: Install of a SMU will require a system reload in ...

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