

Mixed Connection of Access Layer Switches

One simple and popular switch design scenario will be shown in the following tutorial. This scenario will fit most SMB networks (or even bigger ones) that have a few layer 2 VLANs and consequently a few ...

In general, link aggregation looks to combine (aggregate) multiple network connections in parallel to increase throughput and provide redundancy. While there are many approaches, this article aims to ...

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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.

In a large network, we will have different types of switches involved and they play different roles when it comes to the functions. So, we have general guidelines and separate them into ...

In this example, we use the GWN7664 access point connected to a GWN7822P switch. The goal is to demonstrate a practical configuration using two Ethernet cables to create a logical ...

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Aggregation layer The aggregation (sometimes also called distribution) layer is a real crossroad. Its primary goal is to increase network scalability by providing a single place to interconnect multiple ...

Junos OS supports advanced load-balancing algorithms to efficiently utilize all links, even in mixed-rate configurations where member links operate at different speeds.

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The loop-free U topology design provides a Layer 2 access solution with active uplinks and redundancy via an inter-switch link between the access layer switches.

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