

Communication between different VLANs on the aggregation switch

A frame from the "native" VLAN is transmitted without VLAN tag on a trunk, so if you use different VLAN IDs as native on both sides of the trunk, those VLANs are bridged and effectively ...

By mapping a super-VLAN to sub-VLANs, VLAN aggregation associates the Layer 3 VLANIF interface with physical interfaces so that all sub-VLANs share one gateway to communicate with an external ...

This article provides a step-by-step walkthrough, including configuring VLANs on a Cisco switch, setting up trunk ports, creating router sub-interfaces, ...

A common confusion arises when devices are on different VLANs but share the same IP subnet: they can't communicate with each other. Learn why that is so and how to solve it.

Solved: In my previous understanding, there is no way to communicate between two VLANs using only layer 2 . After all, this is the purpose of having VLAN. But today, I heard sth really ...

This article provides a step-by-step walkthrough, including configuring VLANs on a Cisco switch, setting up trunk ports, creating router sub-interfaces, and assigning IP addresses.

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Refer to the Ubiquiti Switch Pro Aggregation user guide for detailed instructions specific to your switch model. Additionally, ensure that your network devices are VLAN-aware and configured to work with ...

Configuring inter-VLAN routing typically involves setting up VLAN interfaces, assigning IP addresses to each VLAN, and enabling routing on the network device.

Learn what a Router Sub-interface and a L3 Switch is, as well as how to configure both of them on Cisco devices to enable Routing between VLANs.

Switches with VLAN capability can assign the tagged frames to specific VLANs and therefore set up logically separated networks based on a shared infrastructure.

VLAN aggregation maps each sub-VLAN to a broadcast domain, associates a super-VLAN with multiple sub-VLANs, and assigns only one IP subnet to the super-VLAN. Consequently, the gateway IP ...

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