Different VLANs on the access switch

This article has covered how to configure a switch to support multiple VLANs, and understanding this distinction between managed and unmanaged switches is crucial for successful ...

Switch Port VLAN Assignment (Trunk & Access Ports) Configuring VLANs (Virtual Local Area Networks) on switch ports is essential for network segmentation and performance. This article explains how to ...

Access ports connect end-user devices to a single VLAN, Trunk ports carry traffic from multiple VLANs, and Hybrid ports handle both tagged and untagged traffic--offering added flexibility.

Depending on their configuration, VLAN ports can operate as Access, Trunk, or Hybrid ports, each serving a unique purpose. Access ports connect end-user devices to a single VLAN, Trunk ports ...

Frames with different VLAN ID must pass through a Layer 3 device (e.g router) in order to communicate. Therefore, using a Router (or Layer 3 Switch) we can control the traffic between different VLANs (e,g ...

VLANs are created on switches, not routers. Trunk and access ports are only configured on switches, not routers. The router"s only role with VLANs is to route between VLANs. This lesson ...

Learn inter-VLAN routing with step-by-step Cisco configs for router-on-a-stick and Layer 3 SVIs. Includes HSRP redundancy, DHCP relay, ACLs, and troubleshooting commands.

What is the difference between an access port and a trunk port? Learn how switches process 802.1Q tags, handle native VLANs, and configure Cisco CLI switchports.

To access control both bridged and routed traffic, you can use VLAN maps only or a combination of router ACLs and VLAN maps. You can define router ACLs on both input and output routed VLAN ...

Learn how to configure VLANs on a Cisco switch using the command-line interface (CLI). This guide provides a step-by-step walkthrough, covering VLAN ranges, creation, and port ...

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