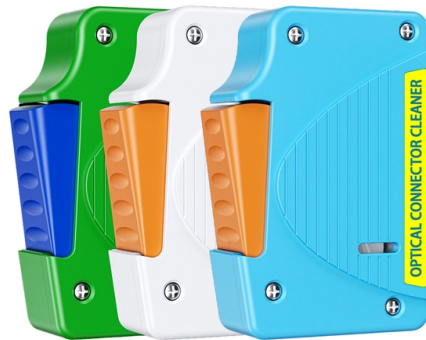


Can communication occur only between different VLANs on the core switch



Overview

Traffic between devices on the same VLAN is switched normally, while communication between different VLANs requires a Layer 3 device (e.g. Let's explore a sample scenario: Devices on VLAN 10 cannot communicate with devices on VLAN 20 without routing. After all, this is the purpose of having VLAN. But today, I heard sth really interesting from my coworker (I am really new to networking). VLANs can communicate with other VLANs when they both using. A Virtual Local Area Network (VLAN) is a logical grouping of network devices that allows devices to appear on the same LAN regardless of physical location. By segmenting a network into VLANs, administrators can: 2. Instead of. The Physical topology depicts a switch and four hosts in two different VLANs - Host A and Host B are in VLAN 20 and Host C and Host D are in VLAN 30.



Article Content

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However, this segmentation also creates a communication barrier, as devices in separate VLANs cannot communicate by default. Inter-VLAN routing overcomes this limitation by ...

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In this lesson, we will learn to configure a multilayer switch (also called Layer 3 switch) to perform inter-VLAN routing, which was previously done using an actual router.

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Communication between different VLAN

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 ...

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