

# **Core switches do not need to be configured with VLANs**





## Core switches do not need to be configured with VLANs

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## VLANS

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When you use VLANS both your switches and your routers need to be aware of them. Think of VLANS as slapping different colored tags onto each packet, where each color represents a different network.

## What is a Network Switch? How it Works and Types

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Core switches connect aggregation or edge switches, users or device edge networks to data center networks and enterprise LANs to routers. A data



## Cómo configurar políticas NAC para la dirección de VLAN en Cisco

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The physical switchport connecting the Meraki AP to the core switch MUST be configured as a trunk with all potential VLANs explicitly allowed. The RADIUS server must return all three VLAN attributes

## Understanding Routing vs Switching in Networking

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Test connectivity (ping/traceroute) This reflects the need for vendor-neutral understanding, not just command memorization. --- ? VLAN (Virtual Local Area Network)  
VLAN is used to logically

## Smart Home Network Segmentation: VLANs and Firewall Rules

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Smart home IoT devices are notorious security risks with outdated firmware and poor



patching habits. Placing them on a dedicated VLAN with strict firewall rules prevents a compromised device from

## **UniFi Guides: Setup, Gateways, VLANs, VPNs, Wi-Fi, and UniFi Protect**

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VLANs, firewall rules, and multiple Wi-Fi networks are all useful, but they also add more ways to break things if you do them too early. Why I Use UniFi The biggest reason I use UniFi is usability. I can

## **Configuring VLAN Routing Using Engage**

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In this guide we will be going over how to configure multiple VLANs with routing so that each VLAN has Internet access. We will be using a M4300-8X8F as the core switch with two M4250-8G2FX-PoE+



## **Hyper-V Failover Cluster Setup: A Step-by-Step Guide**

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Failover clustering is a useful feature in Microsoft Hyper-V for ensuring VM high availability. Learn how to perform Hyper-V cluster setup in Windows Server.

## **What Is a VLAN? , Benefits, Security & Use Cases**

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Learn what is a VLAN is, how it works, key benefits, security risks, and best practices for modern networks. Includes examples, use cases, and FAQs.

## **Come configurare le policy NAC per il VLAN Steering in Cisco Meraki**

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The most likely issue is that the physical switchport connecting the Meraki AP to the core



switch is not configured correctly. While the AP is successfully authenticating the client and tagging the traffic with

## Here's Why Your Network Might Need a Layer 3 Switch

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Layer 3 switches are used in conjunction with traditional switches and network routers on some corporate networks, particularly those with VLANs.

## Small network design with Nexus ToR switches : r/networking

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VMware iSCSI pathing set to 'Fixed' to ensure storage traffic goes over a single switch when available. VMware non-Storage Port Groups have link connected to Nexus 2 configured as Standby. Currently



## **where would a logical vlan be configured on the Core switch, or**

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Therefore, a local VLAN would never span from an access layer to a core block. Because VLANs are created based on geographic or physical boundaries, it's not uncommon to see much of

## **pros and cons of allowing all vlans between core switches and**

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You can add all the VLANs that ESXi could ever need to see, without adding all the VLANs that exist. Future VLANs can be accounted for by planning them into a range.

## **So konfigurieren Sie NAC-Richtlinien für die VLAN-Steuerung in Cisco**

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## **Best place to configure VLANs: Core Switch vs Peplink 3?**

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Best practice is to create VLANs on the core switch (if it's Layer 3 capable) so inter-VLAN traffic is handled at line speed, and only internet/WAN traffic goes through the Peplink.

## **Do I have to configure new VLANs on the core switch?**

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I agree with Joseph that we do not understand your environment well enough to give good advice. If your access/distribution switches connect the user vlans to the core using trunks, then you



## Configure Inter VLAN Routing with Multiple Switches

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So your core switch is essentially taking the place of the router for routing between the different VLANs. Your core router or Internet router will then

## Can someone explain conceptually how VLAN's are supposed to be

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ACL's on a switch with network access control is more than sufficient for isolating layer-3 traffic between different vlans on the same LAN. I would use a firewall between a dmz and a lan for

## Comment configurer les politiques NAC pour l'orientation VLAN dans

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## switch

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When you want VLANs to be routed, for example, having different VLANs with subnets, you would need SVIs, which you define as your default gateway for your hosts.

## Cisco Meraki VLAN NAC

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## **VLAN Configuration Guide, Cisco IOS XE 17.18.x (Catalyst 9300 Switches)**

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Before you create VLANs, you must decide whether to use VLAN Trunking Protocol (VTP) to maintain global VLAN configuration for your network.

## **Cómo configurar políticas NAC para la dirección de VLAN en Cisco**

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## **Switching Architectures: VLANs**

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Cisco's Nexus switches run NX-OS not IOS and are Layer-3 switches which could make a good choice for a core router. They can be set so that the configuration assumes most ports will be used as

## **Hands-On Pointers for VLAN-Based Security , FedTech Magazine**

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IP access lists should be created in such a way that they allow the normal flow of traffic between VLANs but do not expose networks that need to be protected. Once the access lists are created, they are

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