

## The network works normally when the core switch s VLAN is turned off



### Overview

VLAN is created on the switch but in a down state. If it shows “down,” make sure there's at least one port that's identified as part of the specified VLAN, or a switch virtual interface in that VLAN. VLAN trunking issues SymptomIn order to find and fix connectivity problems caused by Virtual Local Area Networks (VLANs), VLAN troubleshooting entails a methodical approach to examining the setup and condition of network devices. Given that VLAN issues can impede host connectivity and proper network operation, this ability is. The sections in this chapter describe common LAN switch features and solutions to some of the most common LAN switching problems. These topics are covered: If you are new to LAN switching, these sections take you through some of the main concepts related to switches.

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In order for VLAN traffic to flow smoothly between the virtual network and the physical network, the configurations between the two need to be compatible. The configuration for the virtual ...



When a VLAN is configured on a switch, any access ports assigned to that VLAN belong to its broadcast domain. However, if an administrator deletes the VLAN from the switch's VLAN...



To stop the bridging loop quickly, one thing we can do is shut down all the ports on the core switching network, and then bring them up one by one to see if those link are the links that caused the bridging ...



We have a pair of Dell N3224P-ON switches and today's morning my colleague gave me a task and instructions to remove some unused VLANs. I'm sure I removed the correct VLANs. When I saved ...



Use these VLAN troubleshooting steps to evaluate the symptoms ...



In this post, we'll discuss common general switch issues, VLAN related issues, and spanning-tree issues. We'll also cover VLAN/switch troubleshooting techniques.



Use these VLAN troubleshooting steps to evaluate the symptoms of a VLAN issue and determine how to fix the problem.



Turning spanning tree off is not recommended because it affects the entire VLAN and can leave the network vulnerable to physical topology loops, which can cause serious network problems.



When Layer 2 switches divide a network by VLANs, communication between VLANs becomes impossible, and inter-VLAN routing is used to interconnect VLANs and enable communication ...



This article offers practical tips and solutions for VLAN troubleshooting, including how to verify VLAN tagging, and check trunk ports. [Click here!](#)

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For more information, pricing, or custom solutions, please contact us:

Website: <https://www.indzawo.co.za>

Email: [sales@indzawo.co.za](mailto:sales@indzawo.co.za)

Phone: +27 71 296 8473

Address: 22 Quantum Street, Midrand, 1685, Gauteng, South Africa

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