

Replacing the core switch with Sangfor



Article Overview

Replacing your core switch with Sangfor involves careful planning of VLANs, Layer 2/3 configurations, and migration steps to ensure minimal downtime and seamless integration with Sangfor NGAF or HCI.

Planning and Preparation

Before replacing your core switch, document your current network topology, including VLANs, IP segments, routing protocols, and connected devices. Decide whether the Sangfor NGAF will act as the VLAN gateway or if the switch will retain that role, as this affects Layer 3 configurations and routing paths .

- Scenario 1: Switch as VLAN gateway – configure VLANs on the switch and point the default gateway to NGAF. Ensure NGAF has return routes to the switch.
- Scenario 2: NGAF as VLAN gateway – configure VLANs on the NGAF, and the switch operates in Layer 2 mode, trunking all VLANs. Inter-VLAN communication is managed by the NGAF .

Configuration Steps

- Set up the new Sangfor switch next to the existing core switch. Preload basic configurations such as VLANs, SVIs, ACLs, and QoS settings .
- Map interfaces carefully to match the current network connections. Triple-check IP addresses, loopbacks, and routing protocols to avoid conflicts .
- Integrate with upstream devices (firewalls, routers) and ensure routing adjacencies are established. If using HSRP or VRRP, configure them on the new switch before migration

Article Content

Core switch replacement

1) Bring up the new core switch stack or chassis next to or above the current one. 2) Bring the bulk of basic

Sangfor Technical Support

You can access services by scenario, product, or function, including but not limited to documents, videos, software, tools, online

Core switch replacement

I'm replacing core Cisco switch 4506-E with switch 4507R-E. As I have one supervisor card on 4506-E and I'm going to

Sangfor Community

There is two tipe of configuration you can use, TAG/TRUNK port or UNTAG/Access port from switch to NGAF. If your

QSAN Documents

In this chapter, we will guide you to create an iSCSI LUN using QSAN storage managed by QSM and mount it to Sangfor HCI as a

Sangfor vs VMware Comparison 2026 | Best VMware Alternative

Compare Sangfor vs VMware. Sangfor HCI offers a cost-effective VMware replacement with localized services, 70% lower TCO, and

Sangfor HCI

Sangfor HCI, a top VMware alternative, offers 3rd gen cloud architecture that cuts TCO by 70%. Simplify

Core switch replacement

Good day all, I am in the process of replacing my VM host machines with a new configuration. Most likely it will end

10 Things VMware Admins Must Know Before Switching to Sangfor ...

Discover 10 things VMware admins must know before switching to Sangfor Virtualization, featuring ~95% feature

Sangfor Community

In a real-world scenario, the connection between the Core Switch and the Firewall consists only of a single line. This

Sangfor_NGAF_v8.0.47_User Manual_EN.pdf

This document is the user manual for Sangfor NGAF V8.0.47. It describes the product's architecture, features, installation,

Vmware vs Sangfor Hypervisor Transition

Sangfor Hypervisor is under consideration due to its bundle low cost. What features we are looking for replacement

Sangfor Technical Library

Sangfor Library. Content scope. First level column. Select Category. Browse All Categories. Network Secure (NGAF& NSF) Release

Presentasi training Sangfor HCI Advanced Sizing.pptx

Presentasi training Sangfor HCI Advanced Sizing.pptx - Download as a PPTX, PDF or view online for free

Sangfor Network Secure: Reinventing the Firewall

Deploy Network Secure as bypass/monitoring mode Core switch mirrors traffic to Network Secure for detection, auditing Network

Top VMware Alternatives Guide 2026

Yes. Sangfor HCI is evaluated as a VMware alternative when organizations seek a full-stack replacement for

Sangfor Community

There are 2 ways.. 1. If the VLAN is routed in Core Switch, you can just add static route for all your VLAN's subnet to

Best way to replace a core switch with minimal down time

Hi All, I will be replacing a Cisco 3750x with a Nexus 3127 and would like some advice about how to go about the

NGAF V6.4 User Manual

Throughout the manual, you'll find clear explanations, step-by-step procedures, and helpful diagrams to ensure a smooth and

Core Switch Change

Hi all. We will be swapping our existing core switch for a new one and I want to get some verification that the procedure

Top VMware Replacement Questions Answered by Sangfor

Facing post-Broadcom VMware changes? Explore Sangfor's expert answers to 15 critical questions on strategy,

HCI Compatibility Chart

Sangfor HCI offers the ultimate virtualization experience for customers'' most mission-critical applications. It's a software-defined data

Core Switch Refresh Recommendation

I will preface this with I am by no means a networking expert, i can fumble through the CLI for switches to get things

Vendor Consolidation: A Long-Term VMware Replacement Strategy

Vendor consolidation is one sure way to escape the turbulence caused by VMware''s recent acquisition. Sangfor HCI

Considering a Switch to Sangfor Endpoint Secure: Is It Worth It?

Our company is considering migrating to a new endpoint protection solution due to issues that were not detected by

Best VMware alternative

Looking for VMware alternatives? Switch to Sangfor HCI. Easy migration from VMware. Reduce your TCO and maximize ROI

[serenalindquist99/server-core-switch-lab](#)

This lab simulates a real-world enterprise network upgrade involving the replacement and configuration of core switches, port

Core Switching Replacement

I am currently working on a project to replace all of the host in our datacenter and at the same time we will be

Contact Us

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

Website: <https://sdesign.net.pl>

Email: sales@sdesign.net.pl

Phone: +48 694 237 815

Address: ul. Marszałkowska 10, 00-001 Warsaw, Poland

This document is for informational purposes only. Specifications subject to change without notice.

