Detailed Configuration Instructions for the HC3 Core Switch

AI Overview

Configuring the HC3 Core Switch involves preparing the network, assigning NICs, bonding interfaces, provisioning public and private networks, and initializing the system according to Scale Computing guidelines.1. Pre-Installation and Hardware PreparationBefore configuring the HC3 Core Switch, ensure the following:Rack and Power Setup: Verify rack space, power availability, and proper earthing for all nodes and switches. Use the recommended rack rails and power cables for your HC3 series (HC1100, HC2100, HC4100, HC5100) ( ).Node Hardware Check: Confirm CPU, RAM, and NIC specifications for each node. For example, HC2100 nodes support Intel E5-2603v4 or E5-2620v4 CPUs, 64GB or 128GB DDR4 RAM, and 4x1GbE or 4x10GbE NICs ( ).Environment: Maintain operating temperatures between 5°C and 40°C, and adjust for altitudes above 950m ( ).2. Network Interface Layout and NIC BondingPublic and Private Networks: Assign NICs for public and private networks. Typically, 2 NICs are bonded for public traffic and 2 for private traffic in active/passive mode ( ).Switch Port Requirements: Ensure the core switch has sufficient ports to accommodate bonded NICs from all nodes. Use 1GbE or 10GbE ports according to node specifications ( ).Redundancy: Configure switch and node redundancy to prevent single points of failure. Bonded NICs should be connected to separate switch modules if available ( ).3. Node ConfigurationConfiguration Checklist: Use the HC3 configuration checklist to verify node readiness, including IP addressing, hostname assignment, and network connectivity ( ).Common Configuration Steps:Connect nodes to the core switch using the designated NICs.Assign static IP addresses for management and cluster communication.Configure NIC bonding (active/passive) for both public and private networks.Verify connectivity between nodes and the switch....

© 2026 HI-Optic - All rights reserved

Article Content

Scale Computing HC1100 Series, HC2100 Series, HC3 Manual

Read the Scale Computing HC2100 Series manual online for installation and onboarding instructions for your HyperCore HC3 System. This document covers hardware specifications, networking

Quickstart

You''re one step closer to simplifying your IT infrastructure. Scale Computing''s highly-automated edge infrastructure, virtualization platform, & hyperconverged solutions can handle all of your IT

Theory of Operations HC3®, S

Theory of Operations This document is intended to describe the technology, concepts and operating theory behind the Scale Computing HC3 System (Hyper-converged Compute Cluster) and the

SCALE and Virtual Networking

This document includes networking theory for the HC3 product lines, LAN and Backplane network explanations, various port configuration details, and IP address provisioning best practices.

H3C Router and Switch Configuration Lab | PDF

The document describes initial configuration tasks for a router and switch, including: 1) Resetting the devices to factory defaults and verifying default settings. 2)

Switches-H3C

Products Data Center Switches Campus Network Switches AON Network Industrial Switches Data Center Switches Ultra-wideband, simple, and intelligent integration For intelligent ultra-wideband

Scale Computing HC3 Networking Configurations

Discover the supported networking configurations for Scale Computing HC3 nodes, including hardware specs, NIC bonding modes, and SNS versus cluster deployments.

FIBARO Home Center 3 Lite

Description FIBARO Home Center 3 Lite is the core element of the FIBARO System. It enables the integration of smart home devices into a single system to provide convenient control and a powerful

SCALE COMPUTING HC3 MANUAL Pdf Download

In this effort, every installation is paired with an experienced installation specialist to assist you from the initial unboxing to the creation of your first HC3 VM. Let''s get

© 2026 HJ-Optic - All rights reserved

HP H3C Switch Configuration Guide: Your Network''s Blueprint? Can ...

That''s where the HP H3C switch configuration guide becomes absolutely critical. Think of it less as a simple instruction manual and more as the foundational blueprint for your entire network segment''s

Cisco L3 Core Switch IP Address | Cisco Switch basic Configuration ...

Cisco Switch basic Configuration | Cisco Switch Configuration Step by Step Please watch: "Use Pen Drive as RAM" • Use Pen Drive As A Ram in Hindi | How to u... -~- Hi guys, I am Sunil kumar ...

H3C Switch Configuration Guide: From Basics to Advanced Applications

For each functional module we will not only provide detailed configuration commands but also delve into their technical principles and application scenarios to help network engineers fully

Gigamon GigaVUE H Series Hardware Installation Manual

View and Download Gigamon GigaVUE H Series hardware installation manual online. GigaVUE H Series network hardware pdf manual download. Also for:

GigaVUE-HC1-PLUS Hardware Installation Guide v6.8 doc-v1.1

Once you have performed the initial configuration of the GigaVUE-HC1-Plus node, installing, connecting, and configuring the node, you are ready to start mapping traffic between network and tool ports.

Detailed Configuration Instructions for the HC3 Core Switch

HOME / Detailed Configuration Instructions for the HC3 Core Switch - AITAF Advanced Infrastructure & Telecom Networks

GigaVUE-HC3 Hardware Installation Guide

This chapter introduces the GigaVUE-HC3 of the Gigamon Visibility Platform nodes, describes their features and functions, and provides an orientation to the physical layout of the GigaVUE-HC3.

GigaVUE HC3 HardwareInstallationGuide v5700 | PDF

GigaVUE-HC3-HardwareInstallationGuide-v5700 - Free download as PDF File (.pdf), Text File (.txt) or read online for free.

ITPro Today, Network Computing, IoT World Today combine

ITPro Today, Network Computing and IoT World Today have combined with TechTarget . The page you are looking for may no longer exist.

Scale computing HC3 Manuals | ManualsLib

© 2026 HJ-Optic - All rights reserved

Scale computing HC3 Pdf User Manuals. View online or download Scale computing HC3 Manual, Installation Manual

GigaVUE-HC3 Hardware Installation Guide

GigaVUE-HC3 nodes with a GigaSMART module installed can take advantage of GigaSMART''s advanced processing features, including slicing, masking, source port features, de-duplication,

Core Switch 2/64 V4.1 Installation Guide

Part Number: AA-RS2WC-TE This installation guide provides procedures for setting up, configuring, and managing the Core Switch 2/64 and Core Switch 2/64 power pak.

Introduction to Core Switch Configuration

A switch that functions as part of a router and operates at the third layer of the OSI network standard model, the network layer. The most important purpose of the layer 3 switch is to speed up the data

Contact Us

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

Website: https://www.shangases.co.za
Email: ekomedsolar@gmail.com
Phone: +86 13816583346
Address: No. 26 Heshun Middle Road, Economic Development Zone, Hai'an City, Jiangsu Province, China

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

© 2026 HJ-Optic - All rights reserved