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Introduction to Cisco Unified Computing System (UCS) Cisco UCS Lab1

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Live Webcast: Demystifying Unified Computing System UCSCisco UCS - Unified Computing System, CCIE - Cisco Certified Internetwork Expert, DataCenter 001

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Cisco UCS - Overview #1 ~~Cisco UCS (Unified Computing System) initial setup - Fabric Interconnects (Part 1) Cisco Unified~~

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~~Overview Cisco Servers - Unified Computing System (UCS)-03~~

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~~Blade in Cisco UCS Cisco Hyperflex Whiteboard - Winnie Kaspar Setting up Cisco UCS UCS Tech Talk: Introducing UCS Manager~~

~~Solutions for Remote Office Deployments Cisco UCS 5108 Server Blade Enclosure and UCS B480 M5 Blade Server REVIEW Part 1~~

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Cisco UCS helps change the way IT organizations do business. It combines industry-standard, x86-architecture servers with networking and storage access into a single unified system. UCS brings increased productivity, reduced total cost of ownership, and

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scalability into your data center. Learn more in our UCS solution overview.

Cisco Servers - Unified Computing System (UCS) - Cisco  
Cisco Unified Computing System' (UCS) is a data center server computer product line composed of computing hardware, virtualization support, switching fabric, and management software introduced in 2009 by Cisco Systems. The products are marketed for scalability by integrating many components of a data center that can be managed as a single unit.

Cisco Unified Computing System - Wikipedia

Cisco Unified Computing System™ (Cisco UCS®) is an integrated computing infrastructure with intent-based management to

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automate and accelerate deployment of all your applications, including virtualization and cloud computing, scale-out and bare-metal workloads, and in-memory analytics, as well as edge computing that supports remote and branch locations and massive amounts of data from the Internet of Things (IoT).

Cisco Unified Computing System

Cisco Unified Computing System Baseboard Management

Controller Command Injection Vulnerability Cisco Integrated

Management Controller Privilege Escalation Vulnerability

02-Oct-2015 Cisco UCS C-Series Rack Servers Integrated

Management Controller Cross-Frame Scripting Vulnerability

02-Oct-2015

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Servers - Unified Computing - Cisco UCS C-Series Rack ...

A unified computing system (UCS) is a converged data center architecture that integrates computing, networking and storage resources to increase efficiency and enable centralized management. UCS products are designed and configured to work together effectively. The goal of a UCS product line is to simplify the number of devices that need to be connected, configured, cooled and secured and provide administrators with the ability to manage everything through a single graphical interface.

What is unified computing system (UCS)? - Definition from ...  
Cisco UCS Manager supports the entire Cisco UCS server and Cisco HyperFlex Series hyperconverged infrastructure portfolios. It enables server, fabric, and storage provisioning as well as, device

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discovery, inventory, configuration, diagnostics, monitoring, fault detection, auditing, and statistics collection.

## Cisco UCS Manager - Cisco

We are moving cages at DC and I want to bring up a new pair of fabric interconnects. 1st) What is the next generation hardware as UCS-FI-6248UP is beginning its EOL journey? 2nd) If I backup the configuration of the UCS-FI-6248UP, can I upload this configuration to the UCS-FI-XX48UP? 3) Would the...

## Cloning a UCS-FI-6248UP - Cisco Community

Cisco UCS helps change the way IT organisations do business. It combines industry-standard, x86-architecture servers with networking and storage access into a single unified system. UCS



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Refers To The Cisco Data Center Virtualization Server Architecture Networking Technology  
brings increased productivity, reduced total cost of ownership, and scalability into your data center. Learn more in our UCS solution overview.

Cisco Servers - Unified Computing System (UCS) - Cisco  
Current Cisco UCS Platform Emulators CONFIGURATION  
IMPORT NOTE: Importing configuration backups (All, System, or Logical) taken from the UCS Platform Emulator (UCSPE) to physical UCS Manager domains is not recommended or supported by Cisco TAC. UCSPE backups should only be imported to UCSPE domains.

UCS Platform Emulator Downloads: UCSPE 4.1(2cPE1 ... - Cisco  
Das Cisco Unified Computing System (UCS) ist eine komplexe

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Sammlung verschiedener Hardwarekomponenten, auf denen eingebettete Firmware ausgeführt wird. Dieses Dokument beschreibt Best Practices für das UCS-Firmware-Management. Voraussetzungen Anforderungen. Cisco empfiehlt, dass Sie:

Best Practices für das Firmware-Management des Unified ...

With its new Unified Computing System (UCS) family of products, Cisco has introduced a fundamentally new vision for data center computing: one that reduces ownership cost, improves agility, and radically simplifies management.

Cisco Unified Computing System (UCS) (Data Center): A ...

Unified Computing System (UCS) Developer Internet of Things

Developer Internet of Things View All Cisco Resilient Mesh (CG-

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Virtualization Server Architecture Networking  
Unified Computing System Documents - Cisco Community

This FlexPod Datacenter solution with NetApp ONTAP 9.7, Cisco UCS unified software release 4.1(2), and VMware vSphere 7.0 is a predesigned, best-practice datacenter architecture built on the Cisco Unified Computing System (Cisco UCS), the Cisco Nexus® 9000 family of switches, and NetApp AFF A-Series storage arrays running ONTAP® 9.7. Audience

FlexPod Datacenter with VMware vSphere 7.0, Cisco VXLAN ...  
Cisco UCS cambia la forma de hacer negocios de las empresas de TI. Combina los servidores de arquitectura x86 estándar en el sector, con acceso a redes y al almacenamiento desde un solo

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sistema unificado. UCS aumenta la productividad, reduce el coste total de propiedad e incrementa la escalabilidad de su Data Center.

Servidores de Cisco: Unified Computing System (UCS) - Cisco

The average UCS C-series server costs between \$40 to \$60 per month to run continuous... view more no VMkernel interfaces on the same network with that IP addr... Created by nkhwaja1 on 06-24-2020 01:17 PM 0

Unified Computing System (UCS) - Cisco Community

Solved: I'm trying to better understand how the default QoS behavior in UCS interacts with newly configured QoS policies. 1. My understanding is that the default behavior out of the box is that under congestion, FC traffic will get 50% of bandwidth

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Solved: Some UCS QoS Default behavior questions - Cisco ...  
This exciting new technology brings the power of unified computing to applications at every scale and is the broadest, most powerful array of new computing solutions since Cisco Unified Computing System (Cisco UCS) first shattered industry convention in 2009.

## Cisco Unified Computing System - Cisco

To log into the Cisco Unified Computing System (UCS) environment, follow these steps: 1. Open a web browser and navigate to the Cisco UCS fabric interconnect cluster address. 2. Click the Launch UCS Manager link within the opening page. 3. If prompted to accept security certificates, accept as necessary. 4.

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FlashStack Virtual Server Infrastructure with ... - cisco.com

A Cisco Unified Computing System (UCS) Central Software 1.3(1b) and earlier allows remote attackers to execute arbitrary OS commands via a crafted HTTP request, aka Bug ID CSCuv33856. (CVE-2016-1352) Actions: After appropriate testing, install applicable updates provided by Cisco to the affected systems.

The definitive guide to UCS and the Cisco® Data Center Server: planning, architecture, components, deployment, and benefits With its new Unified Computing System (UCS) family of products, Cisco has introduced a fundamentally new vision for data center computing: one that reduces ownership cost, improves agility, and

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radically simplifies management. In this book, three Cisco insiders thoroughly explain UCS, and offer practical insights for IT professionals and decision-makers who are evaluating or implementing it. The authors establish the context for UCS by discussing the implications of virtualization, unified I/O, large memories and other key technologies, and showing how trends like cloud computing and green IT will drive the next-generation data center. Next, they take a closer look at the evolution of server CPU, memory, and I/O subsystems, covering advances such as the Intel® XEON® 5500, 5600, 7500, DDR3 memory, and unified I/O over 10 Gbps Ethernet. Building on these fundamentals, the authors then discuss UCS in detail, showing how it systematically overcomes key limitations of current data center environments. They review UCS features, components, and architecture, and

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demonstrate how it can improve data center performance, reliability, simplicity, flexibility, and energy efficiency. Along the way, they offer realistic planning, installation, and migration guidance: everything decision-makers and technical implementers need to gain maximum value from UCS – now, and for years to come. Silvano Gai has spent 11 years as Cisco Fellow, architecting Catalyst®, MDS, and Nexus switches. He has written several books on networking, written multiple Internet Drafts and RFCs, and is responsible for 80 patents and applications. He teaches a course on this book ' s topics at Stanford University. Tommi Salli, Cisco Technical Marketing Engineer, has nearly 20 years of experience with servers and applications at Cisco, Sun, VERITAS, and Nuova Systems. Roger Andersson, Cisco Manager, Technical Marketing, spent more than 12 years in the CLARiiON® Engineering



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Division at EMC, and 5 years as Technical Product Manager at VERITAS/Symantec. He is now focused on Cisco UCS system management. Streamline data centers with UCS to systematically reduce cost of ownership Eliminate unnecessary server components – and their setup, management, power, cooling, and cabling Use UCS to scale service delivery, simplify service movement, and improve agility Review the latest advances in processor, memory, I/O, and virtualization architectures for data center servers Understand the specific technical advantages of UCS Integrate UCS 6100 Fabric Interconnect, Cisco UCS 2100 Series Fabric Extenders, UCS 5100 Series Blade Server Enclosures, UCS B-Series Blade Servers, UCS C-Series Rack Servers, and UCS Adapters Use Cisco UCS Manager to manage all Cisco UCS components as a single, seamless entity Integrate third-party

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management tools from companies like BMC®, CA®, EMC®, IBM®, Microsoft®, and VMware®. Practice all this with a copy of Cisco Unified Computing System™ Platform Emulator Lite (UCSPE Lite) on the DVD in the back of the book. This book is part of the Networking Technology Series from Cisco Press®, which offers networking professionals valuable information for constructing efficient networks, understanding new technologies, and building successful careers.

A tutorial-based approach which will help you understand the practical methodologies and deploying of Cisco UCS components. If you are a professional such as a system, network, or storage administrator who is responsible for Cisco UCS deployments, this is the perfect book for you. You should have some basic knowledge of

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the server's architecture, network, and storage technologies.

Familiarity with virtualization technologies is also recommended (though not necessary) as the majority of real-world UCS deployments run virtualized loads. Knowledge of Nexus OS is not necessary as the majority of the management tasks are handled in a graphical user interface with very few exceptions using the CLI.

Over 40 practical recipes to get your hands dirty with the powerful Cisco UCS and overcome various challenges About This Book Master the skills of minimizing cost, enabling your business to work faster by reducing cycle times for reporting and improving overall revenue Work through hands-on recipes for efficient deployment approaches, see computing techniques, and explore new operational models with UCS Render a better work-flow management, ensure

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effective monitoring, and learn new deployment paradigms for the operational infrastructure with the help of this book Who This Book Is For This book is for competent system/network or storage administrators who are working with Cisco UCS, but now want to learn new ways to compute UCS. What You Will Learn Familiarize yourself with information on the latest information on memory management practices, virtualization architectures, and the specific technical advantages of UCS Get a concrete understanding of integrating processes and techniques to ensure effective convergence of LAN/SAN Get to know the best practices of Cisco UCS, EMC Storage, and VMware vSphere Master migrating data from other band servers or Blade to Cisco UCS Comprehend how to replicate and back up UCS to remote sites UCS Assimilate innovative techniques to deploy UCS to leverage its full potential Gather

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information on installing and configuring automatic and manual Pinning Discover ways to integrate a system in Cisco UCS In Detail Cisco Unified Computing System (UCS) is a data center server platform that is used for computing, deploying, and storing resources in data center environments. This cookbook aims to teach you about various tasks you can implement to improve your existing method of configuring and deploying UCS. You will start by learning how to upgrade your firmware on Brocade and Cisco Fibre Channel Switch and will move on to enhance your knowledge of LAN connectivity. We will then discuss how to configure Windows 2008 and 2012 local boot in Cisco UCS. Next, you will learn how to install the operating system on Cisco UCS and use Cisco UCS Power Calculator to calculate the UCS consumption. Finally, we'll take a look at backup solutions. By the end of the book, you will

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know several ways to build and compute in data center environment using Cisco UCS. Style and approach This guide explains every task in a conversational and easy-to-follow style. You can open this book up to the task you want to learn and will be able to perform that task by the end of the recipe.

Data Center Virtualization Fundamentals For many IT organizations, today's greatest challenge is to drive more value, efficiency, and utilization from data centers. Virtualization is the best way to meet this challenge. Data Center Virtualization Fundamentals brings together the comprehensive knowledge Cisco professionals need to apply virtualization throughout their data

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center environments. Leading data center expert Gustavo A. A. Santana thoroughly explores all components of an end-to-end data center virtualization solution, including networking, storage, servers, operating systems, application optimization, and security. Rather than focusing on a single product or technology, he explores product capabilities as interoperable design tools that can be combined and integrated with other solutions, including VMware vSphere. With the author's guidance, you'll learn how to define and implement highly-efficient architectures for new, expanded, or retrofit data center projects. By doing so, you can deliver agile application provisioning without purchasing unnecessary infrastructure, and establish a strong foundation for new cloud computing and IT-as-a-service initiatives. Throughout, Santana illuminates key theoretical concepts through realistic use cases, real-

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world designs, illustrative configuration examples, and verification outputs. Appendixes provide valuable reference information, including relevant Cisco data center products and CLI principles for IOS and NX-OS. With this approach, Data Center Virtualization Fundamentals will be an indispensable resource for anyone preparing for the CCNA Data Center, CCNP Data Center, or CCIE Data Center certification exams. Gustavo A. A. Santana, CCIE No. 8806, is a Cisco Technical Solutions Architect working in enterprise and service provider data center projects that require deep integration across technology areas such as networking, application optimization, storage, and servers. He has more than 15 years of data center experience, and has led and coordinated a team of specialized Cisco engineers in Brazil. He holds two CCIE certifications (Routing & Switching and Storage Networking), and is



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a VMware Certified Professional (VCP) and SNIA Certified Storage Networking Expert (SCSN-E). A frequent speaker at Cisco and data center industry events, he blogs on data center virtualization at [gustavoasantana.net](http://gustavoasantana.net). Learn how virtualization can transform and improve traditional data center network topologies Understand the key characteristics and value of each data center virtualization technology Walk through key decisions, and transform choices into architecture Smoothly migrate existing data centers toward greater virtualization Burst silos that have traditionally made data centers inefficient Master foundational technologies such as VLANs, VRF, and virtual contexts Use virtual PortChannel and FabricPath to overcome the limits of STP Optimize cabling and network management with fabric extender (FEX) virtualized chassis Extend Layer 2 domains to distant data center sites using MPLS and

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Overlay Transport Virtualization (OTV) Use VSANs to overcome Fibre Channel fabric challenges Improve SAN data protection, environment isolation, and scalability Consolidate I/O through Data Center Bridging and FCoE Use virtualization to radically simplify server environments Create server profiles that streamline "bare metal" server provisioning "Transcend the rack" through virtualized networking based on Nexus 1000V and VM-FEX Leverage opportunities to deploy virtual network services more efficiently Evolve data center virtualization toward full-fledged private clouds -Reviews - "The variety of material that Gustavo covers in this work would appeal to anyone responsible for Data Centers today. His grasp of virtualization technologies and ability to relate it in both technical and non-technical terms makes for compelling reading. This is not your ordinary tech manual.

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Through use of relatable visual cues, Gustavo provides information that is easily recalled on the subject of virtualization, reaching across Subject Matter Expertise domains. Whether you consider yourself well-versed or a novice on the topic, working in large or small environments, this work will provide a clear understanding of the diverse subject of virtualization." -- Bill Dufresne, CCIE 4375, Distinguished Systems Engineer, Cisco (Americas) "..this book is an essential reference and will be valuable asset for potential candidates pursuing their Cisco Data Center certifications. I am confident that in reading this book, individuals will inevitably gain extensive knowledge and hands-on experience during their certification preparations. If you're looking for a truly comprehensive guide to virtualization, this is the one!" -- Yusuf Bhajji, Senior Manager, Expert Certifications (CCIE, CCDE,

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CCAr), Learning@Cisco "When one first looks at those classic Cisco Data Center blueprints, it is very common to become distracted with the overwhelming number of pieces and linkages. By creating a solid theoretical foundation and providing rich sets of companion examples to illustrate each concept, Gustavo's book brings hope back to IT Professionals from different areas of expertise. Apparently complex topics are demystified and the insertion of products, mechanisms, protocols and technologies in the overall Data Center Architecture is clearly explained, thus enabling you to achieve robust designs and successful deployments. A must read... Definitely!" -- Alexandre M. S. P. Moraes, Consulting Systems Engineer -- Author of "Cisco Firewalls"

Improve Manageability, Flexibility, Scalability, and Control with

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Hyperconverged Infrastructure Hyperconverged infrastructure (HCI) combines storage, compute, and networking in one unified system, managed locally or from the cloud. With HCI, you can leverage the cloud ' s simplicity, flexibility, and scalability without losing control or compromising your ability to scale. In Hyperconverged Infrastructure Data Centers, best-selling author Sam Halabi demystifies HCI technology, outlines its use cases, and compares solutions from a vendor-neutral perspective. He guides you through evaluation, planning, implementation, and management, helping you decide where HCI makes sense, and how to migrate legacy data centers without disrupting production systems. The author brings together all the HCI knowledge technical professionals and IT managers need, whether their background is in storage, compute, virtualization,

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switching/routing, automation, or public cloud platforms. He explores leading solutions including the Cisco HyperFlex platform, VMware vSAN, Nutanix Enterprise Cloud, Cisco Application-Centric Infrastructure (ACI), VMware 's NSX, the open source OpenStack and Open vSwitch (OVS) / Open Virtual Network (OVN), and Cisco CloudCenter for multicloud management. As you explore discussions of automation, policy management, and other key HCI capabilities, you ' ll discover powerful new opportunities to improve control, security, agility, and performance. Understand and overcome key limits of traditional data center designs Discover improvements made possible by advances in compute, bus interconnect, virtualization, and software-defined storage Simplify rollouts, management, and integration with converged infrastructure (CI) based on the Cisco Unified

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Computing System (UCS) Explore HCI functionality, advanced capabilities, and benefits Evaluate key HCI applications, including virtualization, server architecture, networking, DevOps, virtual desktops, ROBO, edge computing, Tier 1 enterprise applications, backup, and disaster recovery Simplify application deployment and policy setting by implementing a new model for provisioning, deployment, and management Plan, integrate, deploy, provision, manage, and optimize the Cisco HyperFlex hyperconverged infrastructure platform Assess alternatives such as VMware vSAN, Nutanix, open source OpenStack, and OVS/OVN, and compare architectural differences with HyperFlex Compare Cisco ACI (Application-Centric Infrastructure) and VMware NSX approaches to network automation, policies, and security This book is part of the Networking Technology Series from Cisco Press, which offers

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networking professionals valuable information for constructing efficient networks, understanding new technologies, and building successful careers.

A practical guide that simplifies your data center architecture, reduces costs, and improves speed and agility

**About This Book\***  
Learn how to reduce equipment and operating costs, consolidate resources, and automate data center processes\* Eliminate manual, time-consuming tasks that were traditionally required to connect servers in data centers\* A practical hands-on guide that will help you to deploy servers and application stacks with ease

**Who This Book Is For**  
This book is for system, network, and storage administrators who are responsible for Cisco UCS deployments. You need to have basic knowledge of server architecture, network,



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and storage technologies. What you will learn\* Set up your Lab using Cisco UCS Emulator\* Configure Cisco UCS, LAN, and SAN connectivity\* Create and manage Service profiles\* Perform various tasks using UCS\* Back up and restore Cisco UCS configuration\* Test various Cisco UCS scenarios

In Detail Cisco Unified Computer System (UCS) is a powerful solution for modern data centers and is responsible for increasing efficiency and reducing costs. This hands-on guide will take you through deployment in Cisco UCS. Using real-world examples of configuring and deploying Cisco UCS components, we'll prepare you for the practical deployments of Cisco UCS data center solutions. If you want to develop and enhance your hands-on skills with Cisco UCS solutions, this book is certainly for you. We start by showing you the Cisco UCS equipment options, then introduce Cisco UCS Emulator so you can

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learn and practice deploying Cisco UCS components. We'll also introduce you to all the areas of UCS solutions through practical configuration examples. Moving on, you'll explore the Cisco UCS Manager, which is the centralized management interface for Cisco UCS. Once you get to know UCS Manager, you'll dive deeper into configuring LAN, SAN, identity pools, resource pools, and service profiles for the servers. You'll also get hands-on with administration topics including backup, restore, user's roles, and high availability cluster configuration. Finally, you will learn about virtualized networking, third-party integration tools, and testing failure scenarios. By the end of this book, you'll know everything you need to know to rapidly grow Cisco UCS deployments in the real world.

Cisco® Nexus switches and the new NX-OS operating system are

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rapidly becoming the new de facto standards for data center distribution/aggregation layer networking. NX-OS builds on Cisco IOS to provide advanced features that will be increasingly crucial to efficient data center operations. NX-OS and Cisco Nexus Switching is the definitive guide to utilizing these powerful new capabilities in enterprise environments. In this book, three Cisco consultants cover every facet of deploying, configuring, operating, and troubleshooting NX-OS in the data center. They review the key NX-OS enhancements for high availability, virtualization, In-Service Software Upgrades (ISSU), and security. In this book, you will discover support and configuration best practices for working with Layer 2 and Layer 3 protocols and networks, implementing multicasting, maximizing serviceability, providing consistent network and storage services, and much more. The authors present

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multiple command-line interface (CLI) commands, screen captures, realistic configurations, and troubleshooting tips—all based on their extensive experience working with customers who have successfully deployed Nexus switches in their data centers. Learn how Cisco NX-OS builds on and differs from IOS Work with NX-OS user modes, management interfaces, and system files Configure Layer 2 networking: VLANs/private VLANs, STP, virtual port channels, and unidirectional link detection Configure Layer 3 EIGRP, OSPF, BGP, and First Hop Redundancy Protocols (FHRPs) Set up IP multicasting with PIM, IGMP, and MSDP Secure NX-OS with SSH, Cisco TrustSec, ACLs, port security, DHCP snooping, Dynamic ARP inspection, IP Source Guard, keychains, Traffic Storm Control, and more Build high availability networks using process modularity and restart, stateful switchover, nonstop

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forwarding, and in-service software upgrades Utilize NX-OS embedded serviceability, including Switched Port Analyzer (SPAN), Smart Call Home, Configuration Checkpoint/Rollback, and NetFlow Use the NX-OS Unified Fabric to simplify infrastructure and provide ubiquitous network and storage services Run NX-OS on Nexus 1000V server-based software switches This book is part of the Networking Technology Series from Cisco Press®, which offers networking professionals valuable information for constructing efficient networks, understanding new technologies, and building successful careers.

The IBM HyperSwap® high availability (HA) function allows business continuity in a hardware failure, power failure, connectivity failure, or disasters, such as fire or flooding. It is available on the

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IBM SAN Volume Controller and IBM FlashSystem products. This IBM Redbooks publication covers the preferred practices for implementing Cisco VersaStack with IBM HyperSwap. The following are some of the topics covered in this book: Cisco Application Centric Infrastructure to showcase Cisco's ACI with Nexus 9Ks Cisco Fabric Interconnects and Unified Computing System (UCS) management capabilities Cisco Multilayer Director Switch (MDS) to showcase fabric channel connectivity Overall IBM HyperSwap solution architecture Differences between HyperSwap and Metro Mirroring, Volume Mirroring, and Stretch Cluster Multisite IBM SAN Volume Controller (SVC) deployment to showcase HyperSwap configuration and capabilities This book is intended for pre-sales and post-sales technical support professionals and storage administrators who are tasked with deploying a

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Virtualization Server Architecture Networking Technology

Discover how to simplify your data center architecture, reduce costs, and improve speed and agility with Cisco UCS at your side

About This Book Learn how to reduce equipment and operating costs, consolidate resources, and automate data center processes

Eliminate manual, time-consuming tasks that were traditionally required to connect servers in data centers A practical hands-on

guide that will help you to deploy servers and application stacks with ease Who This Book Is For This book is for system, network,

and storage administrators who are responsible for Cisco UCS deployments. You need to have basic knowledge of server

architecture, network, and storage technologies. What You Will Learn Set up your Lab using Cisco UCS Emulator Configure Cisco

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UCS, LAN, and SAN connectivity Create and manage Service profiles Perform various tasks using UCS Backup and restore Cisco UCS configuration Test various Cisco UCS scenarios Manage and automate multiple domains In Detail Cisco Unified Computer System (UCS) is a powerful solution for modern data centers and is responsible for increasing efficiency and reducing costs. This hands-on guide will take you through deployment in Cisco UCS. Using real-world examples of configuring and deploying Cisco UCS components, we'll prepare you for the practical deployments of Cisco UCS data center solutions. If you want to develop and enhance your hands-on skills with Cisco UCS solutions, this book is certainly for you. We start by showing you the Cisco UCS equipment options then introduce Cisco UCS Emulator so you can learn and practice deploying Cisco UCS components. We'll also



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introduce you to all the areas of UCS solutions through practical configuration examples. Moving on, you'll explore the Cisco UCS Manager, which is the centralized management interface for Cisco UCS. Once you get to know UCS Manager, you'll dive deeper into configuring LAN, SAN, identity pools, resource pools, and service profiles for the servers. You'll also get hands-on with administration topics including backup, restore, user's roles, and high availability cluster configuration. Finally, you will learn about virtualized networking, third-party integration tools, and testing failure scenarios. By the end of this book, you'll know everything you need to know to rapidly grow Cisco UCS deployments in the real world.

Style and approach This hands-on book takes a tutorial-based approach to help you understand the practical methodologies and deployment of Cisco UCS components.

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