

cisco be 3000 config guide

Cisco BE 3000 Config Guide: Setting Up Your Business Communications System

cisco be 3000 config guide is an essential resource for anyone looking to efficiently set up and manage the Cisco Business Edition 3000 (BE 3000) communication system. This all-in-one voice, video, and collaboration solution integrates a wide range of telephony features tailored for small to medium-sized businesses. If you're gearing up to configure this powerful system, understanding its components and the step-by-step setup process can save you considerable time and ensure a smooth deployment.

Whether you're an IT professional, a system administrator, or a business owner seeking to optimize your communication infrastructure, this guide will walk you through the essentials of Cisco BE 3000 configuration. From initial installation to advanced customization, you'll gain insights into best practices and key considerations that make your telephony experience seamless and scalable.

Understanding Cisco BE 3000 and Its Role in Business Communications

Before diving into the configuration, it's important to grasp what the Cisco BE 3000 system offers. The BE 3000 is designed as a unified communications server that consolidates voice, video, messaging, conferencing, and collaboration tools into a single platform. Its modular design supports various Cisco IP phones and integrates with existing network infrastructure, making it a versatile choice for businesses aiming to enhance communication efficiency.

One standout feature is its ability to manage both traditional telephony and IP-based communications, supporting SIP trunks, analog lines, and digital voice gateways. The system also offers robust security and redundancy options, ensuring business continuity.

Key Components of the Cisco BE 3000 System

To configure the system effectively, familiarize yourself with its main building blocks:

- **Cisco Unified Communications Manager Express (CME):** The call-processing component responsible for managing IP telephony features.
- **Cisco Unity Express:** Provides integrated voice messaging and voicemail services.
- **Voice Gateways:** Devices that connect traditional PSTN lines or SIP trunks to the IP telephony network.
- **IP Phones:** Cisco 7900 and 8800 series phones are commonly used with BE 3000.
- **System Administration Interface:** A web-based tool used for configuring and monitoring the

system.

Understanding these components helps you visualize how calls flow through the system and where specific configurations apply.

Preparing for Cisco BE 3000 Configuration

Before jumping into setup, there are several preparatory steps to ensure a smooth configuration process.

Gather Necessary Network Information

To configure the BE 3000 system correctly, you'll need:

- Static IP addresses for the server and voice gateways
- Subnet masks and default gateway information
- DNS server addresses
- Details of PSTN or SIP trunk providers, including authentication credentials
- List of users and their extension numbers

Having this information ready will expedite the setup and help avoid configuration errors.

Hardware and Software Requirements

Make sure your hardware meets Cisco's recommendations:

- Cisco BE 3000 hardware appliance or compatible server
- Cisco IP phones supported by the system
- Latest firmware and software versions for Unified Communications Manager Express and Unity Express
- Network switch with Power over Ethernet (PoE) for IP phones

Additionally, ensure that your network infrastructure supports QoS (Quality of Service) to prioritize voice traffic and avoid call quality issues.

Step-by-Step Cisco BE 3000 Configuration Process

Now that you're prepared, let's explore the core configuration steps to get your Cisco BE 3000 system up and running.

1. Initial System Setup

Begin by connecting the BE 3000 appliance to your network. Assign a static IP to the server either via the console or through DHCP reservation. Access the system's web-based administration interface by entering the assigned IP address into a browser.

Upon first login, you'll be prompted to configure basic network settings such as IP address, subnet mask, gateway, and DNS servers. Completing this step ensures that the system can communicate with other network devices and the internet where necessary.

2. Configure Call Processing with Cisco Unified Communications Manager Express

Unified Communications Manager Express (CME) is the heart of call control in the BE 3000 system. Access the CME interface to set up dialing plans, route patterns, and call routing rules.

Key configuration tasks include:

- Defining voice VLANs for IP phone traffic segregation.
- Creating directory numbers (DNs) and assigning them to users.
- Setting up hunt groups or call queues for managing incoming calls.
- Configuring dial peers to route calls to PSTN gateways or SIP trunks.
- Implementing call forwarding, transfer, and hold features.

This phase is crucial for ensuring that calls are properly routed and that users can access the full suite of telephony features.

3. Integrate Cisco Unity Express for Voicemail

Voicemail integration enhances the communication experience by allowing users to receive and manage voice messages seamlessly.

To configure Cisco Unity Express:

- Enable the Unity Express module from the system interface.
- Create voicemail pilot numbers that users will call to access their messages.
- Assign voicemail boxes to individual users.
- Customize voicemail greetings and notification settings.
- Set up voicemail-to-email forwarding if desired, enhancing mobility.

Properly configuring voicemail ensures that no important calls or messages are missed, improving overall business responsiveness.

4. Configure Voice Gateways and SIP Trunks

Many businesses connect their BE 3000 system to external phone networks through voice gateways or SIP trunks.

When configuring voice gateways:

- Define the interface type (analog, digital, or SIP).
- Set up dial peers to map incoming and outgoing calls.
- Configure codec preferences to optimize call quality and bandwidth usage.
- Enable security features like TLS or SRTP for encrypted signaling and media streams.

For SIP trunk configuration, ensure that the trunk settings match the service provider's requirements, including authentication methods, SIP server addresses, and port numbers.

5. IP Phone Deployment and Configuration

After establishing call control and voicemail, focus on deploying IP phones.

Best practices include:

- Assign phones to users via MAC address or directory number within CME.
- Configure phone firmware updates through the TFTP server embedded in the system.
- Set up phone services such as speed dials, shared lines, and call pickup groups.
- Test phone registration and call functionality systematically to ensure reliability.

Proper phone configuration guarantees that end-users have a smooth and intuitive telephony experience.

Tips and Best Practices for Cisco BE 3000 Configuration

While following the standard setup process is important, a few additional tips can enhance your configuration and system management.

Keep Your System Updated

Cisco regularly releases firmware and software updates that include security patches, new features, and bug fixes. Staying current with these updates helps maintain system stability and security.

Backup Configuration Regularly

Before making significant changes, back up your system configuration. This precaution allows you to restore previous settings if something goes wrong, minimizing downtime.

Implement Quality of Service (QoS)

Voice traffic is sensitive to latency and jitter, so configuring QoS on your network switches and routers ensures that voice packets receive priority over less time-sensitive data.

Use Strong Security Settings

Enable features like password policies, secure signaling protocols (TLS), and VPN access if remote management is needed. These measures protect your telephony system from unauthorized access and potential attacks.

Document Your Configuration

Maintaining thorough documentation of your setup, including IP addresses, user extensions, and gateway settings, aids troubleshooting and future upgrades.

Advanced Features and Customizations

Once the basic setup is complete, the Cisco BE 3000 system offers advanced capabilities to tailor communications to your business needs.

Unified Messaging Integration

By integrating email systems with Cisco Unity Express, users can receive voicemails directly in their email inboxes, streamlining message management.

Call Recording and Monitoring

Businesses with compliance requirements or quality assurance programs can enable call recording features, capturing conversations securely within the system.

Mobile and Remote Access

With proper VPN and security configurations, users can connect to the BE 3000 system remotely, enabling mobile workers to stay connected as if they were in the office.

Collaboration Tools

The system supports video conferencing and presence features, enhancing team collaboration beyond traditional voice calls.

Exploring these options allows businesses to fully leverage the potential of their Cisco BE 3000 system, turning it into a comprehensive communication hub.

Configuring the Cisco BE 3000 system may seem daunting at first, but with a clear understanding of its components and a methodical approach, you can establish a powerful and flexible communications platform that grows with your business. The key lies in careful planning, thorough configuration, and ongoing management to keep your telephony system running smoothly and securely.

Frequently Asked Questions

What is the Cisco BE 3000 system?

The Cisco Business Edition 3000 (BE 3000) is an integrated communications solution designed for medium-sized businesses, combining voice, video, messaging, and mobility services into a single platform.

How do I perform the initial setup of the Cisco BE 3000?

To perform the initial setup, connect the hardware components, power on the system, access the Cisco Unified Communications Manager (CUCM) through the web interface, and follow the setup wizard to configure network settings, users, and basic telephony features.

What are the prerequisites before configuring the Cisco BE 3000?

Prerequisites include ensuring proper network connectivity, having IP addresses assigned, preparing user information, verifying hardware installation, and having administrative access to the system's management interface.

How can I add new users to the Cisco BE 3000 system?

Log in to the Cisco Unified Communications Manager Administration portal, navigate to 'User Management,' select 'End User,' and then add new users by entering their details and assigning appropriate roles and devices.

What is the process to configure voicemail on Cisco BE 3000?

Access the Cisco Unity Connection Administration, create or assign voicemail profiles to users, configure voicemail settings such as greetings and message storage, and ensure integration with the Unified Communications Manager for message routing.

How do I backup and restore configurations on Cisco BE 3000?

Use the Disaster Recovery System tool available in the Cisco Unified Communications Manager interface to schedule and perform backups. To restore, upload the backup file via the same tool and follow the prompts to recover system configurations.

How can I update the firmware or software on Cisco BE 3000?

Download the latest software updates from Cisco's official website, then use the Cisco Unified Communications Manager Software Upgrade tool to upload and install the updates, ensuring minimal downtime by scheduling upgrades during off-peak hours.

What security features are recommended when configuring Cisco BE 3000?

Implement strong passwords, enable secure protocols like TLS and SRTP, configure firewalls, restrict administrative access via role-based controls, and regularly update software to protect the Cisco BE 3000 system from vulnerabilities.

Where can I find detailed configuration guides and documentation for Cisco BE 3000?

Detailed configuration guides and official documentation can be found on the Cisco website under the Support section, specifically within the Cisco Business Edition 3000 product page and Cisco Unified Communications Manager documentation repositories.

Additional Resources

Cisco BE 3000 Config Guide: A Comprehensive Overview for Optimal Setup

cisco be 3000 config guide serves as an essential resource for IT professionals and network administrators aiming to maximize the efficiency and reliability of their Cisco Business Edition 3000 systems. As a unified communications solution tailored for small to medium-sized enterprises, the Cisco BE 3000 integrates voice, video, messaging, and collaboration features into a streamlined platform. Configuring this system correctly is crucial to harnessing its full potential and ensuring seamless communication across organizational workflows.

Understanding the intricacies involved in the Cisco BE 3000 configuration process is vital, particularly given the platform's hybrid architecture that combines hardware appliances with Cisco Unified Communications Manager Express (CME) and Unity Connection for voicemail and messaging. This guide delves into the core configuration procedures, essential settings, and best practices, addressing both initial setup and ongoing management challenges that users may encounter.

Overview of Cisco BE 3000 Architecture and Features

Before diving into the configuration details, it is important to appreciate the BE 3000's architecture. The system is designed to cater to businesses requiring scalable, integrated communication tools without the complexity of large-scale enterprise solutions. Key features include:

- Integrated Cisco Unified Communications Manager Express for call control
- Support for Cisco Unity Connection voicemail and automated attendant
- Built-in security features such as encryption and authentication
- Support for a variety of IP phones including Cisco 7900 and 8800 series

- Scalability options accommodating up to 100 users

The Cisco BE 3000 config guide often emphasizes the importance of understanding these components to effectively tailor configurations according to business needs.

Initial Setup Procedures

Hardware Installation and Network Integration

The configuration journey begins with the physical setup. The BE 3000 appliance must be connected to the corporate LAN, power supply, and telephony interfaces. Proper network integration involves assigning a static IP address to the device to ensure consistent accessibility. Network administrators should verify connectivity via ICMP ping tests and confirm that the appliance can reach necessary external resources such as TFTP servers for phone firmware downloads.

Accessing the Configuration Interface

Once the hardware is installed, configuration typically proceeds through Cisco Unified Communications Manager Express's web-based interface or command-line interface (CLI). Access is achieved by entering the appliance's IP address in a web browser, followed by secure login credentials. The Cisco BE 3000 config guide underscores the need to change default passwords immediately to prevent unauthorized access.

Core Configuration Elements

Configuring Call Control and Dial Plans

Call control is the backbone of any unified communication system. Within the Cisco BE 3000 environment, administrators must define dial plans that dictate how calls are routed internally and externally. This includes setting up:

- Route patterns to external PSTN trunks
- Translation patterns for number normalization
- Dial peers for call routing between IP and traditional telephony endpoints

Accurate dial plan configuration ensures that users can seamlessly dial internal extensions and reach outside lines without encountering call failures or misroutes.

Setting Up IP Phones and Endpoints

The Cisco BE 3000 supports a broad range of Cisco IP phones. The configuration process involves provisioning these devices with appropriate user profiles, extension assignments, and firmware versions. Using the Cisco TFTP server embedded within the appliance, phone firmware can be centrally managed and updated.

Administrators should also configure device pools, region settings, and location parameters to optimize call quality and bandwidth usage, particularly in multi-site deployments.

Voicemail and Messaging Configuration

Unified messaging features are powered by Cisco Unity Connection in the BE 3000 system. Setting up voicemail requires:

- Creating mailbox templates and user mailboxes
- Assigning voicemail pilot numbers
- Configuring automated attendants and call handlers

Effective voicemail configuration enhances user experience by providing reliable message storage, notification options, and voice-to-email capabilities.

Advanced Configuration and Optimization

Security Settings and Best Practices

Security remains a paramount concern during Cisco BE 3000 configuration. The guide advises implementing Transport Layer Security (TLS) for signaling encryption and Secure Real-Time Transport Protocol (SRTP) for media encryption. Furthermore, administrators should enable role-based access control (RBAC) within the system's user management settings to restrict configuration privileges.

Quality of Service (QoS) Implementation

Ensuring high-quality voice and video communication necessitates careful QoS setup on the network.

The BE 3000 config guide recommends prioritizing SIP signaling and RTP media traffic by marking packets with appropriate DSCP values. This prioritization minimizes latency, jitter, and packet loss, which are critical factors affecting call clarity.

Backup and Disaster Recovery Configurations

To safeguard communication continuity, administrators should configure regular backups of the system's configuration and user data. Cisco BE 3000 supports automated backup routines via FTP or USB storage. Additionally, it is prudent to document configuration states and maintain recovery plans to minimize downtime in the event of hardware failure.

Comparative Insights: Cisco BE 3000 vs. Alternatives

When evaluating the Cisco BE 3000 against other unified communication platforms, several factors emerge. Its integration of call control, voicemail, and messaging in a single appliance simplifies deployment and reduces administrative overhead. However, compared to cloud-based solutions, the BE 3000 demands on-premises hardware investment and ongoing maintenance.

In terms of scalability, the BE 3000 is well-suited for organizations with up to 100 users, while enterprises requiring larger capacity might consider Cisco Unified Communications Manager (CUCM) deployments. The choice between these platforms depends on organizational size, budget, and IT resource availability.

Common Configuration Challenges and Troubleshooting Tips

Configuring complex systems like the Cisco BE 3000 can lead to pitfalls such as misconfigured dial plans, firmware mismatches, or network connectivity issues. The config guide emphasizes the importance of incremental configuration changes, thorough testing, and leveraging Cisco's diagnostic tools such as RTMT (Real-Time Monitoring Tool).

Administrators are encouraged to maintain up-to-date documentation of configurations and employ Cisco support communities and knowledge bases to resolve unusual issues efficiently.

The Cisco BE 3000 config guide stands as a critical document for IT professionals seeking to deploy and manage this unified communications platform effectively. By following its detailed recommendations and adopting best practices, organizations can achieve robust, secure, and scalable communication environments tailored to their unique operational requirements.

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cisco be 3000 config guide: IP Routing Protocols James Aweya, 2021-05-25 This book focuses on the fundamental concepts of IP routing and distance-vector routing protocols (RIPv2 and EIGRP). It discusses routing protocols from a practicing engineer's perspective, linking theory and fundamental concepts to common practices and everyday examples. The book benefits and reflects the author's more than 22 years of designing and working with IP routing devices and protocols (and Telecoms systems, in general). Every aspect of the book is written to reflect current best practices using real-world examples. This book describes the various methods used by routers to learn routing information. The author includes discussion of the characteristics of the different dynamic routing protocols, and how they differ in design and operation. He explains the processing steps involved in forwarding IP packets through an IP router to their destination and discusses the various mechanisms IP routers use for controlling routing in networks. The discussion is presented in a simple style to make it comprehensible and appealing to undergraduate and graduate level students, research and practicing engineers, scientists, IT personnel, and network engineers. It is geared toward readers who want to understand the concepts and theory of IP routing protocols, through real-world example systems and networks. Focuses on the fundamental concepts of IP routing and distance-vector routing protocols (RIPv2 and EIGRP). Describes the various methods used by routers to learn routing information. Includes discussion of the characteristics of the different dynamic routing protocols, and how they differ in design and operation. Provides detailed descriptions of the most common distance-vector routing protocols RIPv2 and EIGRP. Discusses the various mechanisms IP routers use for controlling routing in networks. James Aweya, PhD, is a chief research scientist at the Etisalat British Telecom Innovation Center (EBTIC), Khalifa University, Abu Dhabi, UAE. He has authored four books including this book and is a senior member of the Institute of Electrical and Electronics Engineers (IEEE).

cisco be 3000 config guide: Cisco Data Center Fundamentals Somit Maloo, Iskren Nikolov, 2022-09-29 Get ready to configure and operate modern data centers—and move up to high-value CCNP Data Center (DC) certification Cisco Data Center Fundamentals is the complete guide for network engineers and other professionals who need a solid understanding of modern data center technologies. Especially useful for those preparing for the Cisco DCCOR exam and Cisco Certified Network Professional (CCNP) Data Center certification, it fully addresses the essentials of networking, storage, compute, and automation in today's data center environments. Authored by two long-time experts in operating Cisco data centers and developing official Learning@Cisco training for them, this guide explains each concept step by step, balancing depth and breadth, and maximizing clarity throughout. The authors go far beyond introducing relevant products, protocols, and features. They illuminate underlying technologies, identify key interdependencies, walk through configuring working solutions, and truly help prepare you to set up and operate a modern data center. Gain a holistic, unified understanding of the data center and its core components Walk through installation and deployment of key data center technologies Explore potential applications to see what's possible in your environment Learn how Cisco switches and software implement data center networking and virtualization Discover and apply data center network design and security best practices Review Cisco data center storage technologies and concepts, including Fibre Channel, VSANs, storage virtualization, and FCoE Explore the building blocks of the Cisco UCS data center compute solution, and how UCS uses hardware abstraction and server virtualization Use automation and APIs to improve data center productivity and agility Create and customize scripts for rapid troubleshooting Understand cloud computing for the data center: services, deployment models, and the Cisco Intersight hybrid cloud operations platform

cisco be 3000 config guide: CCSP Complete Study Guide Todd Lammle, Wade Edwards, Tom Lancaster, Justin Menga, Eric Quinn, Jason Rohm, Carl Timm, Bryant G. Tow, 2006-07-14 The Most Comprehensive and Current CCSP Self-Study Solution on the Market! Here's the comprehensive and economical self-study solution that will provide you with the knowledge and skills needed to approach the CCSP exams with confidence. This Study Guide was developed to meet the exacting requirements of today's certification candidates. In addition to the consistent and

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cisco be 3000 config guide: CCSP CSI Exam Certification Guide Ido Dubrawski, Paul Grey, 2003-12 This title is primarily intended for networking professionals pursuing the CCSP certification and preparing for the CSI 642-541 exam, one of five CCSP component exams. The materials, however, appeal to an even broader range of networking professionals seeking a better understanding of the Cisco SAFE Blueprint. The exam and course, known as Cisco SAFE Implementation (CSI), cover a broad range of networking security topics in the context of the overall Cisco SAFE Blueprint that guides network managers and engineers in determining which security solutions should be deployed throughout a given network. The SAFE strategy provides the foundation for migrating to secure, affordable, converged networks. It enables companies to cost-effectively deploy a modular, scalable security framework in stages and to deliver integrated network protection via high-level security products and services. CCSP CSI Exam Certification Guide (CCSP Self-Study) combines leading edge coverage of security concepts with all the proven learning and exam preparation features of the Exam Certification Guide Series from Cisco Press including the CD-ROM testing engine with over 200 questions, pre- and post-chapter quizzes and a modular book and CD organization that breaks concepts down into smaller, easy-to-absorb blocks of information.

cisco be 3000 config guide: CCSP Cisco Secure VPN Exam Certification Guide John F. Roland, Mark J. Newcomb, 2003 The only Cisco authorized exam certification guide for the new CSVN exam offers pre- and post-chapter quizzes help to assess knowledge and identify areas of

weakness. Overviews and foundation summaries present complete and quick review of all CSVPN exam topics.

cisco be 3000 config guide: CCNP and CCIE Data Center Core DCCOR 350-601 Official Cert Guide Firas Ahmed, Somit Maloo, 2020-03-06 This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. Access to the personal video mentoring is available through product registration at Cisco Press; or see the instructions in the back pages of your eBook. Learn, prepare, and practice for CCNP/CCIE Data Center Core DCCOR 350-601 exam success with this Cert Guide from Cisco Press, a leader in IT certification learning and the only self-study resource approved by Cisco. · Master CCNP/CCIE Data Center Core DCCOR 350-601 exam topics · Assess your knowledge with chapter-ending quizzes · Review key concepts with exam preparation tasks · Learn from more than two hours of video mentoring CCNP and CCIE Data Center Core DCCOR 350-601 Official Cert Guide is a best-of-breed exam study guide. Expert authors Somit Maloo and Firas Ahmed share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test-preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. The book also contains more than two hours of personal video mentoring from the Pearson IT Certification Complete Video Course. Go to the back pages of your eBook for instructions on how to access the personal video mentoring content. Well regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will help you succeed on the exam the first time. This official study guide helps you master all the topics on the CCNP/CCIE Data Center Core DCCOR 350-601 exam, including · Network · Compute · Storage Network · Automation · Security

cisco be 3000 config guide: CCSP: Securing Cisco IOS Networks Study Guide Todd Lammle, Carl Timm, 2006-02-20 Here's the book you need to prepare for Exam 642-501, Securing Cisco IOS Networks (SECUR). This Study Guide provides: In-depth coverage of every SECUR exam objective Practical information on Cisco security solutions Hundreds of challenging practice questions, in the book and on the CD Leading-edge exam preparation software, including a testing engine, and electronic flashcards Authoritative coverage of all exam objectives, including: Basic Cisco Router Security Advanced AAA Security for Cisco Router Networks Cisco Router Threat Mitigation Cisco IOS Firewall CBAC Configuration Cisco IOS Firewall Authentication Proxy Configuration Cisco IOS Firewall IDS Configuration Building Basic IPSec Using Cisco Routers Building Advanced IPSec VPNs Using Cisco Routers and Certificate Authorities Configuring Cisco Remote Access IPSec VPNs Managing Enterprise VPN Routers Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

cisco be 3000 config guide: Fognet's Field Guide to OpenView Network Node Manager Mike Peckar, 2006

cisco be 3000 config guide: Building Data Centers with VXLAN BGP EVPN Lukas Krattiger, Shyam Kapadia, David Jansen, 2017-04-04 The complete guide to building and managing next-generation data center network fabrics with VXLAN and BGP EVPN This is the only comprehensive guide and deployment reference for building flexible data center network fabrics with VXLAN and BGP EVPN technologies. Writing for experienced network professionals, three leading Cisco experts address everything from standards and protocols to functions, configurations, and operations. The authors first explain why and how data center fabrics are evolving, and introduce Cisco's fabric journey. Next, they review key switch roles, essential data center network fabric terminology, and core concepts such as network attributes, control plane details, and the associated data plane encapsulation. Building on this foundation, they provide a deep dive into fabric

semantics, efficient creation and addressing of the underlay, multi-tenancy, control and data plane interaction, forwarding flows, external interconnectivity, and service appliance deployments. You'll find detailed tutorials, descriptions, and packet flows that can easily be adapted to accommodate customized deployments. This guide concludes with a full section on fabric management, introducing multiple opportunities to simplify, automate, and orchestrate data center network fabrics. Learn how changing data center requirements have driven the evolution to overlays, evolved control planes, and VXLAN BGP EVPN spine-leaf fabrics Discover why VXLAN BGP EVPN fabrics are so scalable, resilient, and elastic Implement enhanced unicast and multicast forwarding of tenant traffic over the VXLAN BGP EVPN fabric Build fabric underlays to efficiently transport uni- and multi-destination traffic Connect the fabric externally via Layer 3 (VRF-Lite, LISP, MPLS L3VPN) and Layer 2 (VPC) Choose your most appropriate Multi-POD, multifabric, and Data Center Interconnect (DCI) options Integrate Layer 4-7 services into the fabric, including load balancers and firewalls Manage fabrics with POAP-based day-0 provisioning, incremental day 0.5 configuration, overlay day-1 configuration, or day-2 operations

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virtually any enterprise data center. Drawing on decades of experience with enterprise customers, the authors cover every facet of deploying, configuring, operating, and troubleshooting NX-OS in today's data center. You'll find updated best practices for high availability, virtualization, security, L2/L3 protocol and network support, multicast, serviceability, provision of networking and storage services, and more. Best of all, the authors present all the proven commands, sample configurations, and tips you need to apply these best practices in your data center. Ron Fuller, CCIE No. 5851 (Routing and Switching/Storage Networking), Technical Marketing Engineer on Cisco's Nexus 7000 team, specializes in helping customers design end-to-end data center architectures. Ron has 21 years of industry experience, including 7 at Cisco. He has spoken at Cisco Live on VDCs, NX-OS multicast, and general design. David Jansen, CCIE No. 5952 (Routing/Switching), is a Cisco Technical Solutions Architect specializing in enterprise data center architecture. He has 20 years of industry experience, 15 of them at Cisco (6 as a solution architect); and has delivered several Cisco Live presentations on NX-OS and data center solutions. Matthew McPherson, senior systems engineer and solutions architect for the Cisco Central Select Operation, specializes in data center architectures. He has 12 years of experience working with service providers and large finance and manufacturing enterprises, and possesses deep technical knowledge of routing, switching, and security. Understand the NX-OS command line, virtualization features, and file system Utilize the NX-OS comprehensive Layer 2/Layer 3 support: vPC, Spanning Tree Protocol, Cisco FabricPath, EIGRP, OSPF, BGP, HSRP, GLBP, and VRRP Configure IP multicast with PIM, Auto-RP, and MSDP Secure your network with CTS, SGTs, ACLs, CoPP, and DAI Establish a trusted set of network devices with Cisco TrustSec Maximize availability with ISSU, stateful process restart/switchover, and non-stop forwarding Improve serviceability with SPAN, ERSPAN, configuration checkpoints/rollback, packet analysis, Smart Call Home, Python, and PoAP Unify storage and Ethernet fabrics with FCoE, NPV, and NPIV Take full advantage of Nexus 1000V in a virtualized environment Achieve superior QoS with MQ CLI, queuing, and marking Extend L2 networks across L3 infrastructure with Overlay Transport Virtualization (OTV) Deliver on SLAs by integrating MPLS application components such as L3 VPNs, traffic engineering, QoS, and mVPN Support mobility via the new Locator ID Separation Protocol (LISP) Walk step-by-step through a realistic Nexus and NX-OS data center migration

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experience in the IT industry, working in Internet security for the past several. He is involved daily in the design and implementation of security deployments for numerous clients based upon Cisco technology. About the Technical Editor: David Hucaby, CCIE No. 4594, is a lead network engineer for the University of Kentucky, where he works with healthcare networks based on the Cisco Catalyst®, ASA/PIX/FWSM security, and VPN product lines. David was one of the beta reviewers of the PIX Firewall 7.0 operating system software. David has a B.S. and M.S. in electrical engineering from the University of Kentucky and has worked in the IT field for 19 years. He lives in Kentucky with his wife Marci and two daughters.

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