Designing Cisco Data Center Unified Computing Infrastructure

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The Cisco Data Center Story in 7 minutes. Real Life Data Center Deployments and Best Practices Cisco Data Center Core Technologies (DCCOR 350-601) Exam: 88-Hour Learning and Study Plan *MicroNugget: What is Cisco Data Center Architecture?* CCNA Data Center Bootcamp Session 1 ~~Webcast- Evolution of Data Center: From Classic Ethernet to VXLAN~~ Data Center:Network:Cisco:Nexus:Advanced Virtual Port Channel (VPC) Designs ~~01 Implementing UCS Introduction - Prepare CCIE Data center~~ ~~[Certpark] 300-160 Designing Cisco Data Center Unified Computing~~ ~~The Cisco Data Center Architecture in 10 minutes~~ ~~Modern Data Center Design Roundtable~~ ~~Designing Multi tenant Data Centers using EVPN Integrated Routing and Bridging IRB~~ Data Center Fundamentals Series 1 of 5 Hierarchical Network Design ~~Cisco Catalyst 9300 Overview~~ Inside a Google data center **Google Data Center 360° Tour** *What is a Data Center?* Cisco EVPN Part1 (Simple VXLAN example) 10Min Data Center Explained Data Center Network Evolution with NSX | VMware Breaking free of datacenter legacy thinking

642-998 Designing Cisco Data Center Unified Computing (DCUCD)~~Cisco datacenter ucs 001 introduction || Vlog~~ *Cisco Unified Computing System SAVVIS Virtualizing the Data Center*

300-160 Designing Cisco Data Center Unified Computing *Cisco Data Center - ACI 642-998 Designing Cisco Data Center Unified Computing (DCUCD) Understanding Cisco Data Center Anywhere in just 45 minutes!* ~~Data Center Technical Webinar: Getting Started on your CCNA Data Center Certification Studies~~ **Designing Cisco Data Center Unified**

The Designing Cisco Data Center Infrastructure (DCID) v7.0 course helps you master design and deployment options focused on Cisco ® data center solutions and technologies across network, compute, virtualization, storage area networks, automation, and security. You will learn design practices for the Cisco Unified Computing System™ (Cisco UCS ®) solution based on Cisco UCS B-Series and C-Series servers, Cisco UCS Manager, and Cisco Unified Fabric.

Designing Cisco Data Center Infrastructure (DCID) v7.0

Designing Cisco Data Center Unified Fabric (DCUFD)(V5.0) In this course, you will gain the knowledge and skills needed to design scalable, reliable, and intelligent data center unified fabric and virtualization solutions based on Cisco Fabric Extenders (FEXs), Fibre Channel over Ethernet (FCoE), Cisco FabricPath, and equipment and link virtualization technologies.

Designing Cisco Data Center Unified Fabric - DCUFD uk ...

Designing Cisco Data Center Unified Computing Infrastructure (DCIDUC) v6.0 is a two-day instructor-led course that focuses on data center design based on Cisco unified computing solutions. The course includes theoretical content, as well as design-oriented case studies and exercises. The course is designed to help students prepare for Cisco Channel Partner Data Center Program requirements and for professional-level data center roles.

Designing Cisco Data Center Unified Computing ...

Designing Cisco Data Center Unified Computing Infrastructure - DCIDUC uk - Tech Data Academy

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Designing Cisco Data Center Unified Computing ...
Designing Cisco Data Center Unified fabric. Tweet. Price £2,025.00; Duration 5 day(s) Description. The primary audience for this course is as follows: Data center designers, data center administrators, and system engineers. The secondary audience for this course is as follows: ...

Designing Cisco Data Center Unified fabric TTS Training ...
The Designing Cisco Data Center Infrastructure (DCID) v7.0 course helps you master design and deployment options focused on Cisco ® data center solutions and technologies across network, compute, virtualization, storage area networks, automation, and security. You will learn design practices for the Cisco Unified Computing System™ (Cisco UCS ®) solution based on Cisco UCS B-Series and C-Series servers, Cisco UCS Manager, and Cisco Unified Fabric.

DCID | Designing Cisco Data Center Infrastructure ...
Designing Cisco Data Center Unified Computing (642-998) Exam Description:The 642-998 DCUCD Designing Cisco Data Center Unified Computing exam is associated with the CCNP ® DC certification and with the Cisco Unified Computing Design Specialist. This 90-minute, 65 − 75 question exam tests a candidate's knowledge of designing Cisco Data Center Unified Computing, including design concepts in a server virtualization environment, scalability, reliability, performance and management.

Designing Cisco Data Center Unified Computing (642-998)
You will learn design practices for the Cisco Unified Computing System™ (Cisco UCS ®) solution based on Cisco UCS B-Series and C-Series servers, Cisco UCS Manager, and Cisco Unified Fabric. You will also gain design experience with network management technologies including Cisco UCS Manager, Cisco Data Center Network Manager (DCNM), and Cisco UCS Director.

Designing Cisco Data Center Infrastructure (DCID) v7.0 ...
FlashStack Data Center with Citrix XenDesktop 7.15 and VMware vSphere 6.7 U1 with Cisco UCS Manager 4.0 for 6000 Seats FlashStack Virtual Server Infrastructure for VMware vSphere 6.7 Update 1 Design Guide

Data Center Design Guides - Cisco
the CVd data center foundation has been designed to ensure availability with the use of resilient network devices, links, and service models. the Cisco Unified Computing System model extends this resiliency to the servers themselves through the capabilities of Cisco Unified Computing System.

Unified Computing System - Cisco
2013 Cisco Systems, Inc. This document is Cisco Public. Page 1 Designing Cisco Data Center Unified Fabric (642-996) Exam Description: The 642-996 DCUFD Designing Cisco Data Center Unified Fabric exam is one of the exams associated with the CCNP ® DC certification and to the Cisco Unified Fabric Design Specialist certification.

Designing Cisco Data Center Unified Fabric (642-996)
The Understanding Cisco Data Center Foundations (DCFNDU) v1.0 course helps you prepare for entry-level data center roles. In this course, you will learn the foundational knowledge and skills you need to configure Cisco ® data center technologies including: networking, virtualization, storage area networking, and unified computing.

Understanding Cisco Data Center Foundations (DCFNDU)
The Designing Cisco Data Center Infrastructure v1.0 (DCID 300-610) exam is a 90-minute exam associated with the CCNP Data Center and Cisco Certified Specialist - Data Center Design certifications. This exam certifies a candidate's knowledge of data center infrastructure design including network, compute, storage network, and automation.

CCNP Data Center - Cisco
Designing Cisco Data Center Infrastructure (DCID) v6.0 is a 5 day instructor-led course that focuses on data center design based on Cisco solutions. The course includes theoretical content, aswell as design-oriented case studies that are in the form of activities.

Designing Cisco Data Center Infrastructure
Consequently designing a data center network that uses Cisco ' s Next Generation of data center switches (Nexus) requires a very good understanding of the data center network recruitments such as servers ' network connectivity requirements, protocols, layer 2/layer 3 demarcation points, data center interconnect requirements and traffic load.

Cisco Next-G Data Center Switches (Nexus) Design Examples
The Designing Cisco Data Center Infrastructure (DCID) v7.0 course teaches design and deployment options focused on Cisco data center solutions and technologies across network, compute, virtualization, storage area networks, automation, and security. $ 1500.00

Data Center - Learning By Technology - Cisco Learning ...
The Designing Cisco Data Center Unified Fabric (DCUFD) v5.0 course enables engineers to choose and design scalable, reliable and intelligent data center networks based on Unified Fabric, 10 Gigabit Ethernet, Fibre Channel, and virtualized devices and topologies.

DCUFD 5.0 - Designing Cisco Data Center Unified Fabric ...
Cisco Data Center Unified Computing Design; group In-house course. Cisco Data Center Unified Computing Design. Level Vocational Total time 4 days. Provider rating: starstarstarstarstar 10 Perpetual Solutions has an average rating of 10 (out of 1 reviews) Need more information? Get more details on the site of the provider.

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 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 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 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 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 must-have study guide for exam 640-911 on Cisco's UnifiedData Center The Cisco Certified Network Associate Data Center certificationis Cisco's newest certification, covering the Cisco Unified DataCenter technologies. Written by unparalleled author and Ciscoauthority Todd Lammle, and CCIE John Swartz, this comprehensivestudy guide is essential reading for anyone preparing to take the640-911 exam (Introducing Cisco Data Center Networking), providingin-depth coverage of all the exam's objectives. In addition, itoffers expanded coverage on key topics reflected on the exam. Addresses understanding basic networking and ethernettechnologies Reviews the OSI and DoD model and TCP/IP Transport Layer Covers basic IP routing technologies, layer 2 switchingtechnologies, and routing principles Provides an introduction to Nexus switch as well as how toconfigure it CCNA Data Center Study Guide offers you access toadditional study tools, including bonus practice exams, electronicflashcards, a searchable PDF of a glossary of terms. Plus, you willbe able to use the free nexus simulator to perform all the hands-onlabs in the book.

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 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-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 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 gustavoaasantana.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 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. 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 candi dates pursuing their Cisco Data Center certifications. I am confident that in reading this book, individuals will inevitably gain extensive knowledge and hands-on experience dur ing their certification preparations. If you"re looking for a truly comprehensive guide to virtualization, this is the one!" -- Yusuf Bhaiji, Senior Manager, Expert Certifications (CCIE, CCDE, 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"

CCNA Data Center DCICT 640-916 Official Cert Guide CCNA Data Center DCICT 640-916 Official Cert Guide from Cisco Press enables you to succeed on the exam the first time and is the only self-study resource approved by Cisco. A team of leading Cisco data center experts shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete, official study package includes --A test-preparation routine proven to help you pass the exam -- " Do I Know This Already? " quizzes, which enable you to decide how much time you need to spend on each section --Part-ending exercises, which help you drill on key concepts you must know thoroughly --The powerful Pearson IT Certification Practice Test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance

reports --Study plan suggestions and templates to help you organize and optimize your study time --A final preparation chapter that guides you through tools and resources to help you craft your review and test-taking strategies Well regarded for its level of detail, study plans, assessment features, and challenging review questions and exercises, this official study guide helps you master the concepts and techniques that ensure your exam success. The official study guide helps you master topics on the CCNA Data Center DCICT 640-916 exam, including --Cisco data center concepts: architectures, devices, layers, modular design, vPC, FabricPath, Cisco Nexus switches, and more --Data center unified fabric: FCoE, multihop, VIFs, FEX, and setup --Storage networking: concepts, targets, verification, connectivity, zoning, setup, and configuration --Data center virtualization: servers, devices, and Nexus 1000V, including setup and operations --Cisco Unified Computing: concepts, discovery, connectivity, setup, and UCSM --Data center network services: ACE load balancing, virtual context, HA, management, global/local solutions, and WAAS The CD-ROM contains more than 450 practice questions for the exam, memory table exercises and answer keys, and a study planner tool. Includes Exclusive Offer for 70% Off Premium Edition eBook and Practice Test Pearson IT Certification Practice Test minimum system requirements: Windows XP (SP3), Windows Vista (SP2), Windows 7, or Windows 8; Microsoft .NET Framework 4.0 Client; Pentium class 1GHz processor (or equivalent); 512 MB RAM; 650 MB disk space plus 50 MB for each downloaded practice exam; access to the Internet to register and download exam databases

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

Cisco Unified Contact Center Enterprise (UCCE) The complete guide to managing UCCE environments: tips, tricks, best practices, and lessons learned Cisco Unified Contact Center Enterprise (UCCE) integrates multiple components and can serve a wide spectrum of business requirements. In this book, Gary Ford, an experienced Cisco UCCE consultant brings together all the guidance you need to optimally configure and manage UCCE in any environment. The author shares in-depth insights

covering both the enterprise and hosted versions of UCCE. He presents an administrator ' s view of how to perform key UCCE tasks and why they work as they do. He thoroughly addresses application configuration, agents, scripting, IVR, dial plans, UCM, error handling, reporting, metrics, and many other key topics. You ' ll find proven, standardized configuration examples that help eliminate errors and reduce downtime, step-by-step walkthroughs of several actual configurations, and thorough coverage of monitoring and troubleshooting UCCE systems. Cisco Unified Contact Center Enterprise (UCCE) is an indispensable resource to help you deploy and operate UCCE systems reliably and efficiently. · Understand the Cisco Unified Contact Center product portfolio and platform architecture · Choose the right single-site, multi-site, or clustered deployment model for your environment · Take a lifecycle services approach to UCCE deployment and application configuration- – including preparation, planning, design, and implementation · Implement traditional, current-generation, and next-generation call routing · Master the latest best practices for call flow scripting · Understand UCCE ' s nodes and distributed processes and build a clean system startup sequence · Design, implement, and deliver unified CM/IP IVR solutions · Set up and efficiently manage UCCE databases · Make the most of UCCE ' s reporting tools · Create advanced applications with Data-Driven Routing · Effectively maintain any UCCE deployment, including older versions · Use a best-practice methodology for troubleshooting, and master valuable, little-known Cisco diagnostic tools This IP communications book is part of the Cisco Press ® Networking Technology Series. IP communications titles from Cisco Press help networking professionals understand voice and IP telephony technologies, plan and design converged networks, and implement network solutions for increased productivity.

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

- This is the latest practice test to pass the 300-610 Designing Cisco Data Center Infrastructure (DCID) Exam. - It contains 60 Questions and Answers. - All the questions are 100% valid and stable. - You can reply on this practice test to pass the exam with a good mark and in the first attempt.

Master the basics of data centers to build server farms that enhance your Web site performance Learn

design guidelines that show how to deploy server farms in highly available and scalable environments Plan site performance capacity with discussions of server farm architectures and their real-life applications to determine your system needs Today's market demands that businesses have an Internet presence through which they can perform e-commerce and customer support, and establish a presence that can attract and increase their customer base. Underestimated hit ratios, compromised credit card records, perceived slow Web site access, or the infamous "Object Not Found" alerts make the difference between a successful online presence and one that is bound to fail. These challenges can be solved in part with the use of data center technology. Data centers switch traffic based on information at the Network, Transport, or Application layers. Content switches perform the "best server" selection process to direct users' requests for a specific service to a server in a server farm. The best server selection process takes into account both server load and availability, and the existence and consistency of the requested content. Data Center Fundamentals helps you understand the basic concepts behind the design and scaling of server farms using data center and content switching technologies. It addresses the principles and concepts needed to take on the most common challenges encountered during planning, implementing, and managing Internet and intranet IP-based server farms. An in-depth analysis of the data center technology with real-life scenarios make Data Center Fundamentals an ideal reference for understanding, planning, and designing Web hosting and e-commerce environments.

Cisco Unified Customer Voice Portal Building Unified Contact Centers Rue Green, CCIE ® No. 9269 The definitive guide to deploying Cisco Unified Customer Voice Portal IVRs in any contact center environment Thousands of companies are replacing legacy ACD/TDM-based contact centers with pure IP-based unified contact center solutions. One of these solutions is quickly earning market leadership: Cisco Unified Customer Voice Portal (CVP). Now, one of the leading Cisco CVP experts brings together everything network and telephony professionals need to successfully implement production Interactive Voice Response (IVR) solutions with CVP: architectural guidelines, deployment best practices, detailed insights for design and sizing, and more. CCIE Rue Green guides you through designing unified contact centers with CVP, and deploying proven infrastructures to support your designs. The author first explains CVP ' s architecture, outlining its key advantages and opportunities for integration and illuminating the design challenges it presents. Next, he guides you through addressing each of these challenges, covering all CVP components and tools and offering detailed insights available in no other book. Using this book ' s detailed working configurations and examples, you can minimize configuration errors, reduce downtime, strengthen monitoring, and drive maximum value from any CVP-based unified call center solution. Rue Green, CCIE No. 9269 (Routing & Switching and Voice), CISSP, MCSE, MCITP is a Technical Leader for the Customer Collaboration Service Line within Cisco Advanced Services, where he focuses on unified contact center architectures and deployment methodologies. He currently acts in a delivery architect role for Unified CVP, Unified ICM, and Cisco Unified Communications Manager for Unified Contact Center Solutions. He has spent the last 21 years working within different roles related to the architecture, design, and implementation of large voice and data networks, including several years working with complex contact center solutions. · Discover CVP ' s powerful capabilities and advantages · Understand how CVP ' s components fit together into a unified architecture · Utilize CVP native components: Call Server, VXML Server, Reporting Server, Operations Console Server, and Cisco Unified Call Studio · Integrate non-native components such as IOS devices, Unified ICM, UCM, content load balancers, and third-party servers · Choose the right deployment model for your organization · Implement detailed call flows for Standalone, Call Director, Comprehensive, and VRU-only deployment models · Design Unified CVP for high availability · Efficiently deliver media via streaming, caching, and other techniques · Address crucial sizing, QoS, network latency, and security considerations · Successfully upgrade from older versions or H.323 platforms · Isolate and troubleshoot faults in native and non-native CVP components · Design virtualized Unified CVP deployments using UCS This IP communications book is part of the Cisco Press ® Networking Technology Series. IP communications titles from Cisco Press help networking

professionals understand voice and IP telephony technologies, plan and design converged networks, and implement network solutions for increased productivity.