

Deployment Guide F5

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MCTS Windows 7 Configuration Study Guide John Wiley & Sons

Deploy and configure vSphere infrastructure and learn to effectively create and administer vSphere virtual machines Key Features Implement advanced network virtualization techniques Configure and administer vSphere high availability Enhance your data center virtualization skills with practice questions and mock tests Book Description This exam guide enables you to install, configure, and manage the vSphere 6.5 infrastructure in all its components: vCenter Server, ESXi hosts, and virtual machines, while helping you to prepare for the industry standard certification. This data center book will assist you in automating administration tasks and enhancing your environment's capabilities. You will begin with an introduction to all aspects related to security, networking, and storage in vSphere 6.5. Next, you will learn about resource management and understand how to back up and restore the vSphere 6.5 infrastructure. As you advance, you will also cover troubleshooting, deployment, availability, and virtual machine management. This is followed by two mock tests that will test your knowledge and challenge your understanding of all the topics included in the exam. By the end of this book, you will not only have learned about virtualization and its techniques, but you'll also be prepared to pass the VCP6.5-DCV (2V0-622) exam. What you will learn Deploy and configure vSphere infrastructure Create and administer vSphere virtual machines Optimize, secure, and troubleshoot all vSphere components Implement vSphere HA on a vSAN cluster Understand how to back up and restore your vSphere 6.5 infrastructure Test your understanding of key concepts required through sample questions Who this book is for If you are interested in achieving Data Center Virtualization certification, this is the book is for you. You will also benefit from this book if you are a system administrator or network engineer. Some prior knowledge of virtualization can assist you in understanding key concepts covered in the book.

Red Hat OpenShift on IBM Z Installation Guide Cisco Press

Ansible is an IT automation and configuration management tool widely used for infrastructure, cloud, and network automation. Trends and surveys say that Ansible is the choice of tool among system administrators as it is so easy to use. In this book, you ' ll learn how to integrate Ansible into your day-to-day role as a system administrator, ...

The Java Developer's Guide to Eclipse "O'Reilly Media, Inc."

Bring your gaming visions to life with Microsoft XNA Game Studio Express Create complete 3D games using Microsoft XNA Game Studio Express and this hands-on guide. Written by experienced game developers, Microsoft XNA Game Studio Creator's Guide details the fundamentals of great game programming and offers detailed examples. Inside, you'll learn to program a game engine, write shader code, create and animate 3D models, and add fluid motion and special effects. You'll also find out how to launch ballistics, add realistic scenery and terrain, and integrate lighting and textures. Step-by-step tutorials on underlying C# code and explanations of vector and matrix techniques are included. Build and dynamically update XNA game windows and custom 3D objects Learn scintillating animation techniques Create lifelike skyboxes, textures, lighting, and shading effects Program shaders using high-level shader language Develop single- and

multi-player games Generate and code terrain with height detection Construct impressive graphics using sprites, multi-texturing, and blending Integrate audio, game dashboards, and score tracking Develop realistic collision detection, ballistics, and particle effects HaHHhndle keyboard, mouse, and game controller input Create static *.fbx and animated Quake 2 models and control them in code Microsoft XNA Game Studio Creator's Guide, Second Edition Packt Publishing Ltd Explains how to customize the Java integrated development environment, covering navigation, terminology, extension, the plug-in architecture, and frameworks. The Kubernetes Bible Packt Publishing Ltd The only study guide or material you'll need to prepare for the F5 Networks Application Delivery Fundamentals Exam. From the author of the most successful, popular and bestselling F5 technical books available today and the author of the first freely available study guide for this exam. The book's authors have taken great care to ensure all exam topics and fundamental networking areas are covered in full. The OSI Model, the Data Link, Network, Transport and Application Layers, Switching & Routing, F5 Solutions, Load Balancing, Security and Application Delivery Platforms are all covered in depth. No prior knowledge or experience is assumed. There are 13 chapters, 90 diagrams and over 70 test questions to ensure you have everything necessary to prepare for and pass the exam with confidence. Download of the PDF file has been disabled.

Cisco Unity Deployment and Solutions Guide IBM Redbooks

The official "Fedora 15 Deployment Guide" covers deployment, configuration, and administration of Fedora 15. It is oriented towards system administrators with a basic understanding of the system.

Windows Server 2012 Hyper-V Installation and Configuration Guide John Wiley & Sons Get up and running with Kubernetes 1.19 and simplify the way you build, deploy, and maintain scalable distributed systems Key Features Design and deploy large clusters on various cloud platforms Explore containerized application deployment, debugging, and recovery with the latest Kubernetes version 1.19 Become well-versed with advanced Kubernetes topics such as traffic routing or Pod autoscaling and scheduling Book Description With its broad adoption across various industries, Kubernetes is helping engineers with the orchestration and automation of container deployments on a large scale, making it the leading container orchestration system and the most popular choice for running containerized applications. This Kubernetes book starts with an introduction to Kubernetes and containerization, covering the setup of your local development environment and the roles of the most important Kubernetes components. Along with covering the core concepts necessary to make the most of your infrastructure, this book will also help you get acquainted with the fundamentals of Kubernetes. As you advance, you'll learn how to manage Kubernetes clusters on cloud platforms, such as Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP), and develop and deploy real-world applications in Kubernetes using practical examples. Additionally, you'll get to grips with managing microservices along with best practices. By the end of this book, you'll be equipped with battle-tested knowledge of advanced Kubernetes topics, such as scheduling of Pods and managing incoming traffic to the cluster, and be ready to work with Kubernetes on cloud platforms. What you will learn Manage containerized applications with Kubernetes Understand Kubernetes architecture and the responsibilities of each component Set up Kubernetes on Amazon Elastic Kubernetes Service, Google Kubernetes Engine, and Microsoft Azure Kubernetes Service Deploy cloud applications such as Prometheus and Elasticsearch using Helm charts Discover advanced techniques for Pod scheduling and auto-scaling the cluster Understand possible approaches to traffic routing in Kubernetes Who this book is for This book is for software developers and DevOps engineers looking to understand how to work with Kubernetes for orchestrating containerized applications and services in the cloud. Prior experience with designing software running in operating system containers, as well as a general background in DevOps best practices, will be helpful. Basic knowledge of Kubernetes, Docker, and leading cloud service providers assist with grasping the concepts covered easily.

Professional Cloud Architect Google Cloud Certification Guide Cisco Press

Nginx is a high-performance HTTP web server and it's quickly displacing Apache as the choice for the largest websites today. Nginx is not another book filled with regurgitated documentation. Instead, it's a practical guide that will solve the most common use cases,

examples and deep understanding of the parts that matter. Filled with real-world applications, use cases, and lessons learnt scaling Nginx to 50 million users, with this book, readers will get up and running quickly and learn the tools necessary to configure and deploy with Nginx. Lee Hammond's All New Big Book of Drawing Addison-Wesley Professional Offering a wealth of hands-on activities, MCSA Guide to Administering Microsoft Windows Server 2012/R2, Exam 70-411 empowers students to successfully pass the MCSE/MCSA certification exam while preparing them to face the real-world challenges of a Microsoft networking professional. This engaging, four-color text equips readers with the skills necessary to manage a Windows Server 2012 system with a focus on administration. Comprehensive coverage includes server deployment and maintenance, advanced file services, remote access, network access protection, Group Policy, Active Directory, DNS and much more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Implementing DirectAccess with Windows Server 2016 "O'Reilly Media, Inc."

This IBM® Redpaper publication provides all the necessary steps to successfully install Red Hat OpenShift 4.4 on IBM Z® or LinuxONE servers. It also provides an introduction to OpenShift nodes, Red Hat Enterprise Linux CoreOS, and Ansible. The steps that are described in this paper are taken from the official pages of the Red Hat website. This IBM Redpaper publication was written for IT architects, IT specialists, and others who are interested in installing Red Hat OpenShift on IBM Z.

MCSA 70-741 Cert Guide Packt Publishing Ltd

Develop Service-Oriented Architecture Solutions with the Oracle SOA Suite with this book and eBook Dynamics 365 Business Central Development Quick Start Guide Apress

Provides information on the installation of Microsoft Reporting Services on an SQL Server 2000 system running IIS, covering such topics as accessing data sources, building queries, creating charts, and visual presentation elements.

Nginx IBM Redbooks

Bring your PC, Zune, and Xbox gaming visions to life with Microsoft XNA Game Studio Develop complete 2D and 3D games with step-by-step hands-on instruction, advice, and tips from two industry professionals. Fully revised to cover the latest features, Microsoft XNA Game Studio Creator's Guide, Second Edition lays out the essentials of game programming alongside exciting examples and C# code samples. Learn how to create 3D models, virtual worlds, and add stunning animation. You'll also discover how to incorporate 3D audio into your projects and handle PC and game controller input devices. Create, draw, and update XNA game windows and 3D objects Add dazzling animation and fluid character motion Render photorealistic terrains, landscapes, skies, and horizons Program custom lighting and shading effects using HLSL Integrate sound effects, game dashboards, and stat tracking Work with game cameras, keyframes, sprites, and loaders Design natural collision detection, ballistics, and particle effects Develop, import, and control Quake II models using MilkShape

F5 Networks TMOS Administration Study Guide John Wiley & Sons

Kubernetes is the operating system of the cloud native world, providing a reliable and scalable platform for running containerized workloads. In this friendly, pragmatic book, cloud experts John Arundel and Justin Domingus show you what Kubernetes can do—and what you can do with it. You ' ll learn all about the Kubernetes ecosystem, and use battle-tested solutions to everyday problems. You ' ll build, step by step, an example cloud native application and its supporting infrastructure, along with a development environment and continuous deployment pipeline that you can use for your own applications. Understand containers and Kubernetes from first principles; no experience necessary Run your own clusters or choose a managed Kubernetes service from Amazon, Google, and others Use Kubernetes to manage resource usage and the container lifecycle Optimize clusters for cost, performance, resilience, capacity, and scalability Learn the best tools for developing, testing, and deploying your applications Apply the latest industry practices for security, observability, and monitoring Adopt DevOps principles to help make your development teams lean, fast, and effective

Fedora 15 Deployment Guide Philip J ö nsson & Steven Iveson

Implement flexible, efficient LISP-based overlays for cloud, data center, and enterprise The LISP overlay network helps organizations provide seamless connectivity to devices and workloads wherever they move, enabling open and highly scalable networks with unprecedented flexibility and agility. LISP Network Deployment and Troubleshooting is the definitive resource for all network engineers who want to understand, configure, and troubleshoot LISP on Cisco IOS-XE, IOS-XR and NX-OS platforms. It brings together comprehensive coverage of how LISP works, how it integrates with leading Cisco platforms, how to configure it for maximum efficiency, and how to address key issues such as scalability and convergence. Focusing on design and deployment in real production environments, three leading Cisco LISP engineers present authoritative coverage of deploying LISP, verifying its operation, and optimizing its performance in widely diverse environments. Drawing on their unsurpassed experience supporting LISP deployments, they share detailed configuration examples, templates, and best practices designed to help you succeed with LISP no matter how you intend to use it. This book is the Cisco authoritative guide to LISP protocol and is intended for network architects, engineers, and consultants responsible for implementing and troubleshooting

LISP network infrastructures. It includes extensive configuration examples with troubleshooting tips for network engineers who want to improve optimization, performance, reliability, and scalability. This book covers all applications of LISP across various environments including DC, Enterprise, and SP. Review the problems LISP solves, its current use cases, and powerful emerging applications Gain in-depth knowledge of LISP ' s core architecture and components, including xTRs, PxTRs, MR/MS, ALT, and control plane message exchange Understand LISP software architecture on Cisco platforms Master LISP IPv4 unicast routing, LISP IPv6 routing, and the fundamentals of LISP multicast routing Implement LISP mobility in traditional data center fabrics, and LISP IP mobility in modern data center fabrics Plan for and deliver LISP network virtualization and support multitenancy Explore LISP in the Enterprise multihome Internet/WAN edge solutions Systematically secure LISP environments Troubleshoot LISP performance, reliability, and scalability

[MCSA Guide to Administering Microsoft Windows Server 2012/R2, Exam 70-411](#) "O'Reilly Media, Inc."

NGINX is one of the most widely used web servers available today, in part because of its capabilities as a load balancer and reverse proxy server for HTTP and other network protocols. This cookbook provides easy-to-follow examples to real-world problems in application delivery. The practical recipes will help you set up and use either the open source or commercial offering to solve problems in various use cases. For professionals who understand modern web architectures, such as n-tier or microservice designs, and common web protocols including TCP and HTTP, these recipes provide proven solutions for security, software load balancing, and monitoring and maintaining NGINX ' s application delivery platform. You ' ll also explore advanced features of both NGINX and NGINX Plus, the free and licensed versions of this server. You ' ll find recipes for: High-performance load balancing with HTTP, TCP, and UDP Securing access through encrypted traffic, secure links, HTTP authentication subrequests, and more Deploying NGINX to Google Cloud, AWS, and Azure cloud computing services Setting up and configuring NGINX Controller Installing and configuring the NGINX Plus App Protect module Enabling WAF through Controller ADC

[IBM Cloud Object Storage System Product Guide](#) McGraw Hill Professional

Discover a comprehensive introduction to IT technical support as Andrews/Dark/West's COMPTIA A+ GUIDE TO IT TECHNICAL SUPPORT, 10E explains how to work with users as well as install, maintain, troubleshoot and network computer hardware and software. This step-by-step, highly visual best-selling approach uses CompTIA A+ Exam objectives as a framework to prepare you for 220-1001 and 220-1002 certification exams. Each chapter covers core and advanced topics while emphasizing practical application of the most current technology, techniques and industry standards. You study the latest hardware, security, Active Directory, operational procedures, basics of scripting, virtualization, cloud computing, mobile devices and Windows 10 as you prepare for success as an IT support technician or administrator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

LISP Network Deployment and Troubleshooting Philip J ö nsson & Steven Iveson

Cisco Unity Deployment and Solutions Guide shows you how to integrate Cisco Unity with Cisco IP-based communication solutions, including Cisco CallManager. Part I introduces you to the Cisco Unity architecture and teaches you about the Cisco Unity feature set. Part II helps you design and deploy a unified message solution with Cisco Unity, and Part III helps you manage and administer your solution by leveraging the tools within Cisco Unity. Cisco Unity Deployment and Solutions Guide teaches you all that you need to know about designing, deploying, and managing a sustainable, unified messaging solution.

Deployment Guide for InfoSphere Guardium Packt Publishing Ltd

NGINX is one of the most widely used web servers available today, in part because of its capabilities as a load balancer and reverse proxy server for HTTP and other network protocols. This revised cookbook provides easy-to-follow examples of real-world problems in application delivery. The practical recipes will help you set up and use either the open source or commercial offering to solve problems in various use cases. For professionals who understand modern web architectures, such as n-tier or microservice designs and common web protocols such as TCP and HTTP, these recipes provide proven solutions for security and software load balancing and for monitoring and maintaining NGINX's application delivery platform. You'll also explore advanced features of both NGINX and NGINX Plus, the free and licensed versions of this server. You'll find recipes for: High-performance load balancing with HTTP, TCP, and UDP Securing access through encrypted traffic, secure links, HTTP authentication subrequests, and more Deploying NGINX to Google, AWS, and Azure cloud computing services Setting up and configuring NGINX Controller Installing and configuring the NGINX App Protect module Enabling WAF through Controller ADC NGINX Instance Manager (new chapter) New recipes for NGINX Service Mesh, HTTP3

and QUIC, and the njs module

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Become a Professional Cloud Architect by exploring the essential concepts, tools, and services in GCP and working through practice tests designed to help you take the exam confidently Key FeaturesPlan and design a GCP cloud solution architectureEnsure the security and reliability of your cloud solutions and operationsAssess your knowledge by taking mock tests with up-to-date exam questionsBook Description Google Cloud Platform (GCP) is one of the industry leaders thanks to its array of services that can be leveraged by organizations to bring the best out of their infrastructure. This book is a comprehensive guide for learning methods to effectively utilize GCP services and help you become acquainted with the topics required to pass Google's Professional Cloud Architect certification exam. Following the Professional Cloud Architect's official exam syllabus, you'll first be introduced to the GCP. The book then covers the core services that GCP offers, such as computing and storage, and takes you through effective methods of scaling and automating your cloud infrastructure. As you progress through the chapters, you'll get to grips with containers and services and discover best practices related to the design and process. This revised second edition features new topics such as Cloud Run, Anthos, Data Fusion, Composer, and Data Catalog. By the end of this book, you'll have gained the knowledge required to take and pass the Google Cloud Certification – Professional Cloud Architect exam and become an expert in GCP services. What you will learnUnderstand the benefits of being a Google Certified Professional Cloud ArchitectFind out how to enroll for the Professional Cloud Architect examMaster the compute options in GCPExplore security and networking options in GCPGet to grips with managing and monitoring your workloads in GCPUnderstand storage, big data, and machine learning servicesBecome familiar with exam scenarios and passing strategiesWho this book is for If you are a cloud architect, cloud engineer, administrator, or any IT professional looking to learn how to implement Google Cloud services in your organization and become a GCP Certified Professional Cloud Architect, this book is for you. Basic knowledge of server infrastructure, including Linux and Windows Servers, is assumed. A solid understanding of network and storage will help you to make the most out of this book.