

Citrix Xenapp 6 5 Expert Cookbook

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Rds - The Complete Guide: Everything You Need to Know about Rds. and More. Freek Berson 2018-08-08 Microsoft Remote Desktop Services, or RDS for short, is a complete platform for remote application delivery, on-premises or in the cloud. Several well-known products like Citrix XenApp, VMware Horizon and Parallels RAS use RDS as their foundation. This book covers everything you need to know to deploy a properly configured Microsoft RDS environment, based on Windows Server 2012 R2 and up, using the Remote Desktop Session Host as the platform where the users' applications will run. Deploying, managing, troubleshooting, monitoring, printing, connecting, every single item is there, explained in very detailed step-by-step guides by long time Microsoft MVPs for Remote Desktop, Cláudio Rodrigues and Freek Berson. If you are considering migrating from Citrix or other competing products and you want to learn everything about RDS and more than that, learn it the right way, this is the book for you.

PowerShell Core for Linux Administrators Cookbook Prashanth Jayaram 2018-11-29 Over 150 recipes to leverage Microsoft's open source automation framework and command line shell Key Features Work effectively on Windows, Linux, and macOS with PowerShell's object-oriented approach and capabilities Handle structured data seamlessly without the need for manual parsing Enhance your native Linux capabilities with PowerShell Core 6.1 Book Description PowerShell Core, the open source, cross-platform that is based on the open source, cross-platform .NET Core, is not a shell that came out by accident; it was intentionally created to be versatile and easy to learn at the same time. PowerShell Core enables automation on systems ranging from the Raspberry Pi to the cloud. PowerShell Core for Linux Administrators Cookbook uses simple, real-world examples that teach you how to use PowerShell to effectively administer your environment. As you make your way through the book, you will cover interesting recipes on how PowerShell Core can be used to quickly automate complex, repetitive, and time-consuming tasks. In the concluding chapters, you will learn how to develop scripts to automate tasks that involve systems and enterprise management. By the end of this book, you will have learned about the automation capabilities of PowerShell Core, including remote management using OpenSSH, cross-platform enterprise management, working with Docker containers, and managing SQL databases. What you will learn Leverage the object model of the shell, which is based on .NET Core Administer computers locally as well as remotely using PowerShell over OpenSSH Get to grips with advanced concepts of PowerShell functions Use PowerShell for administration on the cloud Know the best practices pertaining to PowerShell scripts and functions Exploit the cross-platform capabilities of PowerShell to manage scheduled jobs, Docker containers and SQL Databases Who this book is for PowerShell Core for Linux Administrators Cookbook is for you if you are a system administrator who wants to learn to control and automate a Linux environment with PowerShell Core 6.1. Basic knowledge of PowerShell scripting is necessary. It is assumed that you already understand how an operating system is structured and how to use the command-line interface to work with the operating system.

Microsoft Teams For Dummies Rosemarie Withee 2020-03-24 Discover the power of Microsoft Teams Millions of people access Microsoft Teams every day to assist with the collaboration it takes to get work done. That number continues to grow thanks to the countless communication tools for working with associates inside and outside your organization you can find in Microsoft Teams. If you're new to Microsoft Teams, start here. This book will give you must-have insight on chatting, file sharing, organizing teams, using video communication, and more. You'll also see just how you should be doing things, with best-practice recommendations and ideas for integrating Microsoft Teams into your existing workflows. Learn your way around Microsoft Teams and set up the interface Communicate via chat and video chat, inside and outside your org Integrate Teams with other Office apps for seamless collaboration Use Teams to optimize your meetings, build a knowledge wiki, and more! Microsoft's shared workspace can help you get collaborative and stay connected to the people and files you need, whether you're at your desk or on the go.

OpenStack: Building a Cloud Environment Alok Shrivastwa 2016-09-19 Learn how you can put the features of OpenStack to work in the real world in this comprehensive path About This Book Harness the abilities of experienced OpenStack administrators and architects, and run your own private cloud successfully Learn how to install, configure, and manage all of the OpenStack core projects including topics on Object Storage, Block Storage, and Neutron Networking services such as LBaaS and FWaaS Get better equipped to troubleshoot and solve common problems in performance, availability, and automation that confront production-ready OpenStack environments Who This Book Is For This course is for those who are new to OpenStack who want to learn the cloud networking fundamentals and get started with OpenStack networking. Basic understanding of Linux Operating System, Virtualization, and Networking, and Storage principles will come in handy. What You Will Learn Get an introduction to OpenStack and its components Store and retrieve data and images using storage components, such as Cinder, Swift, and Glance Install and configure Swift, the OpenStack Object Storage service, including configuring Container Replication between datacenters Gain hands on experience and familiarity with Horizon, the OpenStack Dashboard user interface Learn how to automate OpenStack installations using Ansible and Foreman Follow practical advice and examples for running OpenStack in production Fix common issues with images served through Glance and master the art of troubleshooting Neutron networking In Detail OpenStack is a collection of software projects that work together to provide a cloud fabric. Learning OpenStack Cloud Computing course is an exquisite guide that you will need to build cloud environments proficiently. This course will help you gain a clearer understanding of OpenStack's components and their interaction with each other to build a cloud environment. The first module, Learning OpenStack, starts with a brief look into the need for authentication and authorization, the different aspects of dashboards, cloud computing fabric controllers, along with 'Networking as a Service' and 'Software defined Networking'. Then, you will focus on installing, configuring, and troubleshooting different architectures such as Keystone, Horizon, Nova, Neutron, Cinder, Swift, and Glance. After getting familiar with the fundamentals and application of OpenStack, let's move deeper into the realm of OpenStack. In the second module, OpenStack Cloud Computing Cookbook, preview how to build and operate OpenStack cloud computing, storage, networking, and automation. Dive into Neutron, the OpenStack Networking service, and get your hands dirty with configuring ML2, networks, routers, and distributed virtual routers. Further, you'll learn practical examples of Block

Storage, LBaaS, and FBaaS. The final module, Troubleshooting OpenStack, will help you quickly diagnose, troubleshoot, and correct problems in your OpenStack. We will diagnose and remediate issues in Keystone, Glance, Neutron networking, Nova, Cinder block storage, Swift object storage, and issues caused by Heat orchestration. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: Learning OpenStack by Alok Shrivastwa, Sunil Sarat OpenStack Cloud Computing Cookbook - Third Edition by Kevin Jackson, Cody Bunch, Egle Sigler Troubleshooting OpenStack by Tony Campbell Style and approach This course aims to create a smooth learning path that will teach you how to get started with setting up private and public clouds using a free and open source cloud computing platform—OpenStack. Through this comprehensive course, you'll learn OpenStack Cloud computing from scratch to finish and more!

Linux Administration a Beginner's Guide Steve Shah 2001-01 Learn to install and administer Linux on an individual workstation or an entire network with this comprehensive in depth reference. You'll find everything you need to get up and running with any Linux distribution, including the latest version of Red Hat. Updated to cover the new 2.4 kernel and complete with an expanded section on advanced networking, this book shows you how to install and configure Linux, set up Internet services, handle single-host administration, and much more. Plus, you'll get eight pages of blueprints illustrating the differences between Linux and Windows NT/2000. If you are a professional administrator wanting to bring Linux into your network topology, a home user with multiple machines wanting to build a simple home network, or are migrating from Windows, then you need this book.

Handbook of Mobile Teaching and Learning Yu (Aimee) Zhang 2015-10-14 Mobile technologies have been used in higher education for many years. They provide good solutions for teaching and learning and make learning available anywhere and anytime. This book includes six sections: design, development, adoption, collaboration, evaluation and future of mobile teaching and learning technology in higher education. It includes different projects and practices in higher education across different countries. The book provides in-depth background information and cases studies in high technology teaching and learning and future expectations for new technology in higher education. The variety of projects and programs running in different country helps boost innovation and discussion in future projects and practices. It also provide guidelines for future design and development of mobile applications for higher education.

Windows Server 2012 Hyper-V Cookbook Leandro Carvalho 2012-11-23 "Windows Server 2012 Hyper-V Cookbook" is a practical cookbook packed with recipes showing and explaining all the features and components of Hyper-V. You'll learn from best practices, tips and tricks and examples of how to automate daily and common tasks. If you are an administrator who wants to master Microsoft Server Virtualization with Windows Server 2012 Hyper-V, then this book is for you. You should be comfortable with virtualization concepts and practices, and knowledge of previous versions of Windows Server would be an advantage.

Citrix® XenApp® 6.5 Expert Cookbook Esther Barthel MSc 2014-01-24 This is an expert level guide that enables you to employ the Citrix XenApp tool to host an effective and secured application virtualization interface. Recipes containing numerous tips and examples are well organized, and cover the advanced concepts of building a robust virtualization infrastructure. If you are a Citrix XenApp expert and wish to enhance your skills by learning the advanced features and configurations of a XenApp, then this book is for you. This is a follow up to the Getting Started with Citrix XenApp 6.5 Packt Publishing book. Server administrators willing to explore management and monitoring tools who wish to automate Citrix XenApp configurations with PowerShell scripting will certainly be at ease with this book.

Learning OpenStack Alok Shrivastwa 2015-11-30 Set up and maintain your own cloud-based Infrastructure as a Service (IaaS) using OpenStack About This Book • Build and manage a cloud environment using just four virtual machines • Get to grips with mandatory as well as optional OpenStack components and know how they work together • Leverage your cloud environment to provide Infrastructure as a Service (IaaS) with this practical, step-by-step guide Who This Book Is For This book is targeted at all aspiring administrators, architects, or students who want to build cloud environments using Openstack. Knowledge of IaaS or cloud computing is recommended. What You Will Learn • Get an introduction to OpenStack and its components • Authenticate and authorize the cloud environment using Keystone • Store and retrieve data and images using storage components such as Cinder, Swift, and Glance • Use Nova to build a Cloud Computing fabric controller • Abstract technology-agnostic networks using the Neutron network component • Gain an understanding of optional components such as Ceilometer, Trove, Ironic, Sahara, Barbican, Zaqar, Designate, Manila, and many more • See how all of the OpenStack components collaborate to provide IaaS to users • Create a production-grade OpenStack and automate your OpenStack Cloud In Detail OpenStack is a free and open source cloud computing platform that is rapidly gaining popularity in Enterprise data centres. It is a scalable operating system and is used to build private and public clouds. It is imperative for all the aspiring cloud administrators to possess OpenStack skills if they want to succeed in the cloud-led IT infrastructure space. This book will help you gain a clearer understanding of OpenStack's components and their interaction with each other to build a cloud environment. You will learn to deploy a self-service based cloud using just four virtual machines and standard networking. You begin with an introduction on the basics of cloud computing. This is followed by a brief look into the need for authentication and authorization, the different aspects of dashboards, cloud computing fabric controllers, along with "Networking as a Service" and "Software Defined Networking." Then, you will focus on installing, configuring, and troubleshooting different architectures such as Keystone, Horizon, Nova, Neutron, Cinder, Swift, and Glance. Furthermore, you will see how all of the OpenStack components come together in providing IaaS to users. Finally, you will take your OpenStack cloud to the next level by integrating it with other IT ecosystem elements before automation. By the end of this book, you will be proficient with the fundamentals and application of OpenStack. Style and approach This is a practical step-by-step guide comprising of installation prerequisites and basic troubleshooting instructions to help you build an error-free OpenStack cloud easily.

Citrix® XenDesktop® 7 Cookbook Gaspare A. Silvestri 2014-01-24 A step-by-step course that includes tasks ranging from a standard to high-level difficulty, oriented to deploy an enterprise production VDI environment. This practical approach is based on both GUI and command line operations, which gives you as an IT professional the alternatives to operate the system wherever possible. If you are a system administrator or an experienced IT professional who wants to refer to a centralized container of procedures and advanced tasks in XenDesktop, this is the book for you. If you are an IT technician approaching this technology for the first time, who wants to integrate a more theoretical formative process with step-by-step installation and configuration activities, this book will also help you. You will need to have experience of the virtualized environment and an understanding of the general concepts of desktop virtualization (VDI).

Advanced Rails Recipes Mike Clark 2008 From the author of the indispensable "Rails Recipes," and with the help of a new master Rails chef in the kitchen, here are 72 new ways to kick one's Ruby on Rails apps up a notch--a collection of practical recipes for dressing up one's Wzweb application with little fuss.

CEH Certified Ethical Hacker Study Guide Kimberly Graves 2010-04-26 Full Coverage of All Exam Objectives for the CEH Exams 312-50 and EC0-350 Thoroughly prepare for the challenging CEH Certified Ethical Hackers exam with this comprehensive study guide. The book provides full coverage of exam topics, real-world examples, and includes a CD with chapter review questions, two full-length practice exams, electronic flashcards, a glossary of key terms, and the entire book in a searchable pdf e-book. What's Inside: Covers ethics and legal issues, footprinting, scanning, enumeration, system hacking, trojans and backdoors, sniffers, denial of service, social

engineering, session hijacking, hacking Web servers, Web application vulnerabilities, and more Walks you through exam topics and includes plenty of real-world scenarios to help reinforce concepts Includes a CD with an assessment test, review questions, practice exams, electronic flashcards, and the entire book in a searchable pdf

Citrix XenDesktop Implementation Gareth R. James 2010-10-29 Citrix XenDesktop Implementation explores the implementation of Citrix XenDesktop, a virtual desktop infrastructure solution. After introducing the desktop virtualization, the book discusses the installation of a desktop delivery controller through advanced XenDesktop Client Settings. This book briefly discusses the work of desktop delivery controller mechanisms followed by its installation process, integration process of XenDesktop with Microsoft Active Directory, and the configuration of the desktop delivery controller. It then examines the process of installing the virtual desktop onto the server infrastructure, and it follows the installation and integration onto Xen Server, Hyper-V, and VMware hypervisors. Furthermore, it discusses the advanced configuration settings. The book covers the installation of the Citrix Provisioning Server and its fundamental configuration. It also explores the configuration of Citrix XenApp for Application provisioning, the integration of virtual applications, and the implementation of virtual profiles into the virtual desktop. The book concludes by explaining the advanced XenDesktop client settings on audio, video, and peripherals. Ideal one-stop handbook for implementing a Citrix XenDesktop virtual desktop solution Includes all technical details required for you to evaluate how Citrix XenDesktop would integrate into your existing environment Covers integration with VMware ESX/vSphere, Microsoft Hyper-V including System Center Virtual Machine Manager (SCVMM) and Citrix XenServer

The Best Damn Firewall Book Period Thomas W Shinder 2011-04-18 The Second Edition of the Best Damn Firewall Book Period is completely revised and updated to include all of the most recent releases from Microsoft, Cisco, Juniper Network, and Check Point. Compiled from the best of the Syngress firewall library and authored by product experts such as Dr. Tom Shinder on ISA Server, this volume is an indispensable addition to a serious networking professionals toolkit. Coverage includes migrating to ISA Server 2006, integrating Windows Firewall and Vista security into your enterprise, successfully integrating Voice over IP applications around firewalls, and analyzing security log files. Sections are organized by major vendor, and include hardware, software and VPN configurations for each product line. New to this Edition: Microsoft firewall protection, from Windows Firewall to ISA Server 2006 Cisco PIX Version 7, including VPN configuration and IDS Analyzing Firewall Logs and Reports VoIP and Firewall Bypassing

VMware vSphere Design Forbes Guthrie 2013-03-06 Achieve the performance, scalability, and ROI your business needs What can you do at the start of a virtualization deployment to make things run more smoothly? If you plan, deploy, maintain, and optimize vSphere solutions in your company, this unique book provides keen insight and solutions. From hardware selection, network layout, and security considerations to storage and hypervisors, this book explains the design decisions you'll face and how to make the right choices. Written by two virtualization experts and packed with real-world strategies and examples, VMware vSphere Design, Second Edition will help you design smart design decisions. Shows IT administrators how plan, deploy, maintain, and optimize vSphere virtualization solutions Explains the design decisions typically encountered at every step in the process and how to make the right choices Covers server hardware selection, network topology, security, storage, virtual machine design, and more Topics include ESXi hypervisors deployment, vSwitches versus dvSwitches, and FC, FCoE, iSCSI, or NFS storage Find out the "why" behind virtualization design decisions and make better choices, with VMware vSphere Design, Second Edition, which has been fully updated for vSphere 5.x.

Management Thomas S. Bateman 2007

Ten Strategies of a World-Class Cybersecurity Operations Center Carson Zimmerman 2014-07-01 Ten Strategies of a World-Class Cyber Security Operations Center conveys MITRE's accumulated expertise on enterprise-grade computer network defense. It covers ten key qualities of leading Cyber Security Operations Centers (CSOCs), ranging from their structure and organization, to processes that best enable smooth operations, to approaches that extract maximum value from key CSOC technology investments. This book offers perspective and context for key decision points in structuring a CSOC, such as what capabilities to offer, how to architect large-scale data collection and analysis, and how to prepare the CSOC team for agile, threat-based response. If you manage, work in, or are standing up a CSOC, this book is for you. It is also available on MITRE's website, www.mitre.org.

Microsoft Application Virtualization Cookbook James Preston 2015-08-17 Over 55 hands-on recipes covering the key aspects of a successful App-V deployment About This Book Deploy a resilient App-V infrastructure Combine App-V with Remote Desktop Services, Citrix XenDesktop, and System Center Configuration Manager Discover Shared Content Store Mode, Scripting, and Connection Groups to extend your deployment Who This Book Is For If you have some experience with App-V but are overwhelmed by the range of features on offer, then this book is for you. A basic understanding of App-V and common Windows Server technologies (Active Directory/Group Policy/PowerShell) is necessary. What You Will Learn Deploy a full App-V infrastructure Deploy App-V clients and prerequisites Leverage connection groups to combine App-V packages Reduce hardware requirements for your Remote Desktop Session Hosts Extend the use of your investments in Microsoft System Center Configuration Manager Discover which applications your users are running Resolve issues with your deployment quickly Customize App-V packages to your needs Scale out your App-V infrastructure to accommodate increasing requirements In Detail With an ever-increasing number of applications being deployed in the workplace, Microsoft App-V 5 enables administrators to abstract these applications from clients, in turn reducing the time taken to complete the software deployment lifecycle. Part of the Microsoft Desktop Optimization Pack, App-V 5 centralizes the management of applications with a variety of deployment methods to suit each environment. With this hands-on Cookbook, you will learn how best to utilize features of App-V that you may already be familiar with, as well as gain insights into features only recently introduced such as the enhanced Connection Groups and Shared Content Store Mode. The book starts with the deployment of a scalable App-V infrastructure and progresses to cover the sequencing of common applications, as well as how you can take advantage of the new Office 2013 and Office 365 deployment methods. In later chapters, you will discover integrations with Microsoft Remote Desktop Services, Citrix XenDesktop, and Microsoft System Centre Configuration Manager. Finally, you will learn to leverage the App-V reporting server, Microsoft Excel, and pivot tables to gain insights into which applications are being used, along with how to troubleshoot issues with your deployment. Style and approach A practical Cookbook full of task-based recipes, complete with screenshots and explanations to supplement.

Troubleshooting Citrix XenDesktop® Gurbinder Singh 2015-10-27 The ultimate troubleshooting guide for clear, concise, and real-world solutions to a wide range of common Citrix XenDesktop problems About This Book Explore the XenDesktop architecture and work with various troubleshooting tools that every Citrix admin should know about Discover how to troubleshoot performance, VDA registration, and NetScaler integration issues A fast-paced troubleshooting guide to help you identify and resolve any kind of problem you might face while working with Citrix XenDesktop Who This Book Is For Troubleshooting Citrix XenDesktop is targeted at Citrix Administrators or Citrix Engineers who are working on Xendesktop and want to learn tips and techniques required to deal with the issues they face in their day-to-day life. A working knowledge of core elements and concepts of Xendesktop would be an added advantage. What You Will Learn Solve VDA registration problems and Citrix session launch difficulties Identify and resolve XenDesktop service issues Troubleshoot performance issues related to the XenDesktop architecture Work around common printing issues Understand the Citrix XenDesktop HDX policies and deal with the HDX MediaStream challenges Resolve the common MCS and PVS configuration issues in your

XenDesktop environment Find solutions to some general issues that have been identified and recorded by Citrix in their database that every administrator must be aware of In Detail In today's world, many organizations have decided to move to secure and stable VDI platforms to benefit their organization to meet their security needs. To meet an organization's requirements, Citrix XenDesktop serves as the best desktop virtualization solution available, providing the optimum user experience. Troubleshooting Citrix XenDesktop is a single resource guide that will help you dig deep into all the technical issues you encounter to resolve them using an autonomous and well-defined approach. The book starts by walking you through the XenDesktop architecture and the troubleshooting toolkit for Citrix XenDesktop. The subsequent chapters will help you identify possible causes of various types of Citrix XenDesktop problems that may arise while installing, configuring, or troubleshooting day-to-day problems. You will also be dealing with the most common and important VDA registration problems that you might often face while working with the XenDesktop product suite. Additionally, you will resolve issues that arise while launching Citrix sessions, troubleshoot performance issues, and learn how to integrate Citrix NetScaler with your XenDesktop environment. Style and approach This book is an easy-to-follow troubleshooting guide with real-world examples of resolving XenDesktop issues. Each chapter is focused on a specific troubleshooting area, giving you the time to learn about and apply relevant tools and practices to troubleshoot the problems using a systematic approach.

Amazon Web Services For Dummies Bernard Golden 2013-08-09 Create dynamic cloud-based websites with Amazon Web Services and this friendly guide! As the largest cloud computing platform in the world, Amazon Web Services (AWS) provides one of the most popular web services options available. This easy-to-understand guide is the perfect introduction to the Amazon Web Services platform and all it can do for you. You'll learn about the Amazon Web Services tool set; how different web services (including S3, Amazon EC2, and Amazon Flexible Payments) and Glacier work; and how you can implement AWS in your organization. Explains how to use Amazon Web Services to store objects, take payments, manage large quantities of data, send e-mails, deploy push notifications, and more from your website Details how AWS can reduce costs, improve efficiency, increase productivity, and cut down on expensive hardware investments - and administrative headaches - in your organization Includes practical examples and helpful step-by-step lists to help you experiment with different AWS features and create a robust website that meets your needs Amazon Web Services For Dummies is exactly what you need to get your head in the cloud with Amazon Web Services!

Network Analysis using Wireshark Cookbook Yoram Orzach 2013-12-24 Network analysis using Wireshark Cookbook contains more than 100 practical recipes for analyzing your network and troubleshooting problems in the network. This book provides you with simple and practical recipes on how to solve networking problems with a step-by-step approach. This book is aimed at research and development professionals, engineering and technical support, and IT and communications managers who are using Wireshark for network analysis and troubleshooting. This book requires a basic understanding of networking concepts, but does not require specific and detailed technical knowledge of protocols or vendor implementations.

Expert Android Studio Murat Yener 2016-08-25 Take your Android programming skills to the next level by unleashing the potential of Android Studio Expert Android Studio bridges the gap between your Android programming skills with the provided tools including Android Studio, NDK, Gradle and Plugins for IntelliJ Idea Platform. Packed with best practices and advanced tips and techniques on Android tools, development cycle, continuous integration, release management, testing, and performance, this book offers professional guidance to experienced developers who want to push the boundaries of the Android platform with the developer tools. You'll discover how to use the tools and techniques to unleash your true potential as a developer. Discover the basics of working in Android Studio and Gradle, as well as the application architecture of the latest Android platform Understand Native Development Kit and its integration with Android Studio Complete your development lifecycle with automated tests, dependency management, continuous integration and release management Writing your own Gradle plugins to customize build cycle Writing your own plugins for Android Studio to help your development tasks. Expert Android Studio is a tool for expert and experienced developers who want to learn how to make use of the tools while creating Android applications for use on mobile devices.

Skype for Business Unleashed Alex Lewis 2016-09-15 Skype for Business Unleashed This is the most comprehensive, realistic, and useful guide to Skype for Business Server 2015, Microsoft's most powerful unified communications system. Four leading Microsoft unified communications consultants share in-the-trenches guidance for planning, integration, migration, deployment, administration, and more. The authors thoroughly introduce Skype for Business 2015's components and capabilities, as well as changes and improvements associated with the integration of popular Skype consumer technologies. You'll find detailed coverage of IP voice, instant messaging, conferencing, and collaboration; and expert guidance on server roles, multi-platform clients, security, and troubleshooting. Reflecting their unsurpassed experience, the authors illuminate Microsoft's new cloud-based and hybrid cloud architectures for unified communications, showing how these impact networking, security, and Active Directory. They cover SDN for unified communications; interoperation with consumer Skype and legacy video conferencing; quality optimization, mobile improvements, and much more. Throughout, the authors combine theory, step-by-step configuration instructions, and best practices from real enterprise environments. Simply put, you'll learn what works—and how it's done. Detailed Information on How To · Plan deployments, from simple to highly complex · Deploy Skype for Business Server 2015 as a cloud or cloud-hybrid solution · Walk step by step through installation or an in-place upgrade · Overcome “gotchas” in migrating from Lync Server 2010 or 2013 · Leverage new features available only in cloud or cloud-hybrid environments · Implement and manage Mac, mobile, Windows, browser, and virtualized clients · Establish server roles, including front end, edge, and mediation server · Make the most of Skype for Business Server 2015's enhanced mobile experience · Manage external dependencies: network requirements, dependent services, and security infrastructure · Efficiently administer Skype for Business Server 2015 · Provide for high availability and disaster recovery · Integrate voice, telephony, and video, step by step · Avoid common mistakes, and discover expert solutions and workarounds Category: Business Applications Covers: Skype for Business User Level: Intermediate—Advanced

Getting Started with XenDesktop® 7.x Craig Thomas Ellrod 2014-04-22 This is a step-by-step, task-based, practical guide to learning and getting your basic XenDesktop 7.x site up and running. It is fast, easy, and makes learning desktop and application virtualization simple. If you are a system administrator, consultant, or beginner who wants to implement and administer Citrix XenDesktop sites, then this book is for you. Familiarity with virtualization of desktops and applications and datacenter concepts will be helpful. The ability to read network diagrams and understand servers, data flow, clients, devices, and the interworking of these pieces will be beneficial.

Cisco UCS Cookbook Victor Wu 2016-03-21 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 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 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 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.

Troubleshooting NetScaler Raghu Varma Tirumalaraju 2016-04-29 Gain essential knowledge and keep your NetScaler environment in top form About This Book Learn how the main features - Load Balancing, Content Switching, GSLB, SSL offloading, AAA, AppFirewall, and Gateway work under the hood using vividly explained flows and traces Explore the NetScaler layout and the various logs, tools and methods available to help you when it's time to debug An easy-to-follow guide, which will walk you through troubleshooting common issues in your NetScaler environment Who This Book Is For This book is aimed at NetScaler administrators who have a basic understanding of the product but are looking for deeper exposure and guidance in identifying and fixing issues to keep their application environment performing optimally. What You Will Learn Troubleshoot traffic management features such as load balancing, SSL, GSLB and content switching Identify issues with caching and compression Deal with authentication issues when using LDAP, RADIUS, certificates, Kerberos and SAML Diagnose NetScaler high availability and networking issues Explore how application firewall protections work and how to avoid false positives Learn about NetScaler Gateway integration issues with XenApp, XenDesktop, and XenMobile Deal with NetScaler system-level issues Discover the NetScaler troubleshooting tools In Detail NetScaler is a high performance Application Delivery Controller (ADC). Making the most of it requires knowledge that straddles the application and networking worlds. As an ADC owner you will also likely be the first person to be solicited when your business applications fail. You will need to be quick in identifying if the problem is with the application, the server, the network, or NetScaler itself. This book provides you with the vital troubleshooting knowledge needed to act fast when issues happen. It gives you a thorough understanding of the NetScaler layout, how it integrates with the network, and what issues to expect when working with the traffic management, authentication, NetScaler Gateway and application firewall features. We will also look at what information to seek out in the logs, how to use tracing, and explore utilities that exist on NetScaler to help you find the root cause of your issues. Style and approach This helpful guide to troubleshooting NetScaler is delivered in a comprehensive and easy-to-follow manner. The topics in the book adopt a step-by-step approach.

Instant Citrix XenDesktop 5 Starter Mahmoud Magdy 2013-01-01 Get to grips with a new technology, understand what it is and what it can do for you, and then get to work with the most important features and tasks. This easy-to-follow, hands-on guide shows you how to implement desktop virtualization with real life cases and step-by-step instructions. It is a tutorial with step-by-step instructions and adequate screenshots for the installation and administration of Citrix XenDesktop. If you are new to XenDesktop or are looking to build your skills in desktop virtualization, this is your step-by-step guide to learning Citrix XenDesktop. For those architects and designers experienced in XenDesktop infrastructure implementation this book aims to be a quick reference guide with notes and reminders for their day-to-day tasks.

The Basics of Hacking and Penetration Testing Patrick Engebretson 2013-06-24 The Basics of Hacking and Penetration Testing, Second Edition, serves as an introduction to the steps required to complete a penetration test or perform an ethical hack from beginning to end. The book teaches students how to properly utilize and interpret the results of the modern-day hacking tools required to complete a penetration test. It provides a simple and clean explanation of how to effectively utilize these tools, along with a four-step methodology for conducting a penetration test or hack, thus equipping students with the know-how required to jump start their careers and gain a better understanding of offensive security. Each chapter contains hands-on examples and exercises that are designed to teach learners how to interpret results and utilize those results in later phases. Tool coverage includes: Backtrack Linux, Google reconnaissance, MetaGooFil, dig, Nmap, Nessus, Metasploit, Fast Track Autopwn, Netcat, and Hacker Defender rootkit. This is complemented by PowerPoint slides for use in class. This book is an ideal resource for security consultants, beginning InfoSec professionals, and students. Each chapter contains hands-on examples and exercises that are designed to teach you how to interpret the results and utilize those results in later phases. Written by an author who works in the field as a Penetration Tester and who teaches Offensive Security, Penetration Testing, and Ethical Hacking, and Exploitation classes at Dakota State University. Utilizes the Kali Linux distribution and focuses on the seminal tools required to complete a penetration test.

WebRTC Cookbook Andrii Sergiienko 2015-02-25 If you are a JavaScript developer with a basic knowledge of WebRTC and software development, but want to explore how to use it in more depth, this book is for you.

Design Thinking Research Hasso Plattner 2017-10-26 This book summarizes the results of Design Thinking Research Program at Stanford University in Palo Alto, California, USA and the Hasso Plattner Institute in Potsdam, Germany. Offering readers a closer look at design thinking, its innovation processes and methods, it covers topics ranging from how to design ideas, methods and technologies, to creativity experiments and creative collaboration in the real world, and the interplay between designers and engineers. But the topics go beyond this in their detailed exploration of design thinking and its use in IT systems engineering fields, and even from a management perspective. The authors show how these methods and strategies actually work in companies, and introduce new technologies and their functions. Furthermore, readers learn how special-purpose design thinking can be used to solve thorny problems in complex fields. Thinking and devising innovations are fundamentally and inherently human activities – so is design thinking. Accordingly, design thinking is not merely the result of special courses nor of being gifted or trained: it's a way of dealing with our environment and improving techniques, technologies and life. This edition offers a historic perspective on the theoretical foundations of design thinking. Within the four topic areas, various frameworks, methodologies, mindsets, systems and tools are explored and further developed. The first topic area focuses on team interaction, while the second part addresses tools and techniques for productive collaboration. The third section explores new approaches to teaching and enabling creative skills and lastly the book examines how design thinking is put into practice. All in all, the contributions shed light and provide deeper insights into how to support the collaboration of design teams in order to systematically and successfully develop innovations and design progressive solutions for tomorrow.

Group Policy Jeremy Moskowitz 2015-08-31 "Updated to include Windows 10, 8.1, and 7 and Windows Server 2016 and 2012"--Cover. Penetration Testing For Dummies Robert Shimonski 2020-03-27 Target, test, analyze, and report on security vulnerabilities with pen

testing Pen Testing is necessary for companies looking to target, test, analyze, and patch the security vulnerabilities from hackers attempting to break into and compromise their organizations data. It takes a person with hacking skills to look for the weaknesses that make an organization susceptible to hacking. Pen Testing For Dummies aims to equip IT enthusiasts at various levels with the basic knowledge of pen testing. It is the go-to book for those who have some IT experience but desire more knowledge of how to gather intelligence on a target, learn the steps for mapping out a test, and discover best practices for analyzing, solving, and reporting on vulnerabilities. The different phases of a pen test from pre-engagement to completion Threat modeling and understanding risk When to apply vulnerability management vs penetration testing Ways to keep your pen testing skills sharp, relevant, and at the top of the game Get ready to gather intelligence, discover the steps for mapping out tests, and analyze and report results!

Microsoft System Center PowerShell Essentials Guruprasad HP 2015-04-28 If you are a Microsoft System Center administrator who manages System Center environments and utilizes the console for management, then this book is ideal for you. This book is also for System Center users who now want to learn to manage systems using PowerShell.

The Art of Intrusion Kevin D. Mitnick 2009-03-17 Hacker extraordinaire Kevin Mitnick delivers the explosive encore to his bestselling The Art of Deception Kevin Mitnick, the world's most celebrated hacker, now devotes his life to helping businesses and governments combat data thieves, cybervandals, and other malicious computer intruders. In his bestselling The Art of Deception, Mitnick presented fictionalized case studies that illustrated how savvy computer crackers use "social engineering" to compromise even the most technically secure computer systems. Now, in his new book, Mitnick goes one step further, offering hair-raising stories of real-life computer break-ins-and showing how the victims could have prevented them. Mitnick's reputation within the hacker community gave him unique credibility with the perpetrators of these crimes, who freely shared their stories with him-and whose exploits Mitnick now reveals in detail for the first time, including: A group of friends who won nearly a million dollars in Las Vegas by reverse-engineering slot machines Two teenagers who were persuaded by terrorists to hack into the Lockheed Martin computer systems Two convicts who joined forces to become hackers inside a Texas prison A "Robin Hood" hacker who penetrated the computer systems of many prominent companies-and then told them how he gained access With riveting "you are there" descriptions of real computer break-ins, indispensable tips on countermeasures security professionals need to implement now, and Mitnick's own acerbic commentary on the crimes he describes, this book is sure to reach a wide audience-and attract the attention of both law enforcement agencies and the media.

Learning Kali Linux Ric Messier 2018-07-17 With more than 600 security tools in its arsenal, the Kali Linux distribution can be overwhelming. Experienced and aspiring security professionals alike may find it challenging to select the most appropriate tool for conducting a given test. This practical book covers Kali's expansive security capabilities and helps you identify the tools you need to conduct a wide range of security tests and penetration tests. You'll also explore the vulnerabilities that make those tests necessary. Author Ric Messier takes you through the foundations of Kali Linux and explains methods for conducting tests on networks, web applications, wireless security, password vulnerability, and more. You'll discover different techniques for extending Kali tools and creating your own toolset. Learn tools for stress testing network stacks and applications Perform network reconnaissance to determine what's available to attackers Execute penetration tests using automated exploit tools such as Metasploit Use cracking tools to see if passwords meet complexity requirements Test wireless capabilities by injecting frames and cracking passwords Assess web application vulnerabilities with automated or proxy-based tools Create advanced attack techniques by extending Kali tools or developing your own Use Kali Linux to generate reports once testing is complete

Biomedical Informatics Edward H. Shortliffe 2013-12-02 The practice of modern medicine and biomedical research requires sophisticated information technologies with which to manage patient information, plan diagnostic procedures, interpret laboratory results, and carry out investigations. Biomedical Informatics provides both a conceptual framework and a practical inspiration for this swiftly emerging scientific discipline at the intersection of computer science, decision science, information science, cognitive science, and biomedicine. Now revised and in its third edition, this text meets the growing demand by practitioners, researchers, and students for a comprehensive introduction to key topics in the field. Authored by leaders in medical informatics and extensively tested in their courses, the chapters in this volume constitute an effective textbook for students of medical informatics and its areas of application. The book is also a useful reference work for individual readers needing to understand the role that computers can play in the provision of clinical services and the pursuit of biological questions. The volume is organized so as first to explain basic concepts and then to illustrate them with specific systems and technologies.

Business Ethics: Ethical Decision Making and Cases O. C. Ferrell 2006-12-27 This accessible, applied text covers the complex environment in which managers confront ethical decision making. Using a managerial framework, the authors address the overall concepts, processes, and best practices associated with successful business ethics programs--helping students see how ethics can be integrated into key strategic business decisions. The Seventh Edition incorporates comprehensive and rigorous updates that reflect the ever-increasing academic and governmental attention being given to this area. The textbook program provides an abundance of real-world examples and cases, as well as exercises, simulations, and practice tests that provide plenty of opportunity for students to master the text material. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Spring Microservices Rajesh RV 2016-06-28 Build scalable microservices with Spring, Docker, and Mesos About This Book Learn how to efficiently build and implement microservices in Spring, and how to use Docker and Mesos to push the boundaries of what you thought possible Examine a number of real-world use cases and hands-on code examples. Distribute your microservices in a completely new way Who This Book Is For If you are a Spring developers and want to build cloud-ready, internet-scale applications to meet modern business demands, then this book is for you Developers will understand how to build simple Restful services and organically grow them to truly enterprise grade microservices ecosystems. What You Will Learn Get to know the microservices development lifecycle process See how to implement microservices governance Familiarize yourself with the microservices architecture and its benefits Use Spring Boot to develop microservices Find out how to avoid common pitfalls when developing microservices Be introduced to end-to-end microservices written in Spring Framework and Spring Boot In Detail The Spring Framework is an application framework and inversion of the control container for the Java platform. The framework's core features can be used by any Java application, but there are extensions to build web applications on top of the Java EE platform. This book will help you implement the microservice architecture in Spring Framework, Spring Boot, and Spring Cloud. Written to the latest specifications of Spring, you'll be able to build modern, Internet-scale Java applications in no time. We would start off with the guidelines to implement responsive microservices at scale. We will then deep dive into Spring Boot, Spring Cloud, Docker, Mesos, and Marathon. Next you will understand how Spring Boot is used to deploy autonomous services, server-less by removing the need to have a heavy-weight application server. Later you will learn how to go further by deploying your microservices to Docker and manage it with Mesos. By the end of the book, you'll will gain more clarity on how to implement microservices using Spring Framework and use them in Internet-scale deployments through real-world examples. Style and approach The book follows a step by step approach on how to develop microservices using Spring Framework, Spring Boot, and a set of

Spring Cloud components that will help you scale your applications.

WebRTC Blueprints Andrii Sergiienko 2014-05-15 This book is a step-by-step project-based guide that aims to teach you how to develop your own web applications and services with WebRTC in a concise, practical manner. This book will be perfect for you if you are a WebRTC developer and want to build complex WebRTC applications and projects, or if you want to gain practical experience in developing web applications, advanced WebRTC media handling, server and client signaling, call flows, or third-party integration. It is essential to have prior knowledge of building simple applications using WebRTC.

Citrix XenDesktop® Cookbook Gaspare A. Silvestri 2015-08-31 Over 40 engaging recipes that will help you implement a full-featured XenDesktop® 7.6 architecture and its main satellite components About This Book Implement, configure, and optimize the migration from a physical to a VDI architecture using XenDesktop 7.6 Publish desktops and applications to the end user devices, optimizing their performance and increasing the security for the delivered resources A pragmatic guide that helps you to explore the XenDesktop 7.6 architecture and its related components to implement a service-oriented architecture based on the Citrix FlexCast approach Who This Book Is For If you are a system administrator or an experienced IT professional who wants to refer to a centralized container of procedures and advanced tasks in XenDesktop, this is the book for you. Experience of the virtualized environment and an understanding of the general concepts of desktop virtualization (VDI) are required. What You Will Learn Upgrade from XenDesktop 5.6 / 7.x to XenDesktop 7.6 Configure and deploy virtual machines for XenDesktop 7.6 Perform configuration and optimization operations for desktop and server OS images for future deployments Plan and configure XenDesktop user experience Execute desktop environment administration tasks, including catalog creation, power management, and resource allocation Understand how to publish the hosted applications, Local Access Apps (LAA), and applications using Microsoft App-V Work with XenDesktop PowerShell to reduce the time required to perform the management tasks by the creation of the PowerShell scripts Implement the two-factor hardware and software authentication for XenDesktop Install and configure Citrix Netscaler Gateway 10.5 and Citrix XenMobile 10 to improve the quality, the performance, and the manageability of your Virtual Desktop Infrastructure (VDI) architecture In Detail In the era of Bring Your Own Device (BYOD) and consecration of the mobile devices, Citrix has strengthened its position in this market, powering its desktop and application virtualization platforms, integrating the ability to publish virtual and physical desktops with the capability to assign applications and contents in a secure manner on any device, anywhere, more than previous versions. The XenDesktop 7.6 version is a more integrated platform, which permits the use and interaction with mobility and cloud platforms leaders in the market. This book will help you understand how to implement, configure, and optimize migration from a physical to a VDI architecture, moving from a standard application approach to a centralized and more secure way to assign and release resources to the end users. The book begins with the upgrade and installation procedures for the core infrastructural components, along with an explanation of how to deploy and optimize procedures for desktop virtual machines. Moving on, you will perform desktop and applications deployment through the XenDesktop core plus integrated publishing platforms, such as Microsoft App-V. Finally, the book explains how to install and configure important collateral platforms such as the Citrix Netscaler, Citrix CloudBridge and Citrix XenMobile platforms, along with execution of the most advanced activities and configurations. Style and approach This book is a step-by-step course that includes standard and high-level tasks oriented to deploy a full-functioning Citrix environment. This practical approach is based on both GUI and command-line operations, which gives IT professionals an alternative on the way to operate, where possible.