

Citrix Xenapp Troubleshooting Guide

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Mastering Citrix® XenDesktop® Govardhan Gunnala 2015-06-30 Nowadays, many organizations are moving toward desktop virtualization. Citrix® XenDesktop® is the most comprehensive solution to implement a scalable and high performance virtual desktop environment. This book will provide you with the technical skills you need to successfully design, set up, and maintain a XenDesktop® environment. This book will introduce you to the main components of a XenDesktop® infrastructure and covers how to design and install them. Through each chapter, you will quickly learn how to configure your virtual desktop environment in order to meet specific end user requirements, giving your users the freedom to work from anywhere and from any device while virtual desktops and apps are centrally maintained in your data center.

Citrix XenDesktop & XenApp 7.7/7.8 Göran Eibel 2016-05-04 This book provides an in-depth insight into the new architectures and concepts of current Citrix XenDesktop and XenApp technologies for central provisioning of desktops and applications. It is aimed both at newcomers to the Citrix virtualization world and at those upgrading from previous versions. All the necessary steps for the creation of a design, and the development and operation of a complete, scalable virtualization environment are discussed in a detailed and practical manner. Valuable advice and comprehensive background information also feature in this solution-oriented compendium, making it an indispensable companion for IT solution architects, consultants and administrators.

Citrix XenApp™ Platinum Edition Advanced Concepts: The Official Guide Citrix Sytems Inc 2008-06-02 The Only Official Guide to All Components of Citrix XenApp Platinum Edition Citrix XenApp, the new name for Citrix Presentation Server, is an end-to-end Windows application delivery system that offers both client-side and server-side application virtualization, for optimal application performance and flexible delivery options. It's the best access experience for any user. With the secure application architecture, organizations can centralize applications and data in secure data centers, reducing costs of management and support, increasing data security, and ensuring fast, reliable performance. Build and maintain a scalable, cost-effective, and secure enterprise application delivery infrastructure with expert advice from the Citrix Product Development Team. Citrix XenApp Platinum Edition Advanced Concepts: The Official Guide explains how to configure hardware and software and centrally manage enterprise resources. You'll learn to use Citrix Conferencing Manager, Citrix Access Gateway, Citrix Password Manager, and other tools. The book also includes in-depth coverage of advanced troubleshooting techniques, disk and memory tuning methods, and security strategies. Deploy Citrix XenApp across a large enterprise successfully Understand the network bandwidth requirements of server-to-server communication, and communication between Access Management Console and servers Secure remote access with Citrix Access Gateway Administer and customize Citrix Password Manager Maximize the capabilities of Citrix Conferencing Manager Secure Citrix XenApp using certificates, encryption, and smart cards Configure Virtual IP addressing, PDA synchronization, and SpeedScreen browser acceleration Gain insights from Citrix eLabs server load and capacity hardware testing

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. **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.

Citrix XenApp™!Platinum Edition Advanced Concepts Citrix Sytems Inc 2008 The Only Official Guide to All Components of Citrix XenApp Platinum Edition Citrix XenApp, the new name for Citrix Presentation Server, is an end-to-end Windows application delivery system that offers both client-side and server-side application virtualization, for optimal application performance and flexible delivery options. It's the best access experience for any user. With the secure application architecture, organizations can centralize applications and data in secure data centers, reducing costs of management and support, increasing data security, and ensuring fast, reliable performance. Build and maintain a scalable, cost-effective, and secure enterprise application delivery infrastructure with expert advice from the Citrix Product Development Team. Citrix XenApp Platinum Edition Advanced Concepts: The Official Guide explains how to configure hardware and software and centrally manage enterprise resources. You'll learn to use Citrix Conferencing Manager, Citrix Access Gateway, Citrix Password Manager, and other tools. The book also includes in-depth coverage of advanced troubleshooting techniques, disk and memory tuning methods, and security strategies. Deploy Citrix XenApp across a large enterprise successfully Understand the network bandwidth requirements of server-to-server communication, and communication between Access Management Console and servers Secure remote access with Citrix Access Gateway Administer and customize Citrix Password Manager Maximize the capabilities of Citrix Conferencing Manager Secure Citrix XenApp using certificates, encryption, and smart cards Configure Virtual IP addressing, PDA synchronization, and SpeedScreen browser acceleration Gain insights from Citrix eLabs server load and capacity hardware testing. **Troubleshooting Citrix XenApp®** Dragos Madarasan 2015-12-29 Identify and resolve key Citrix XenApp® issues using trusted troubleshooting and monitoring techniques About This Book Understand the key troubleshooting methodologies when working with XenApp 7.5 version and above Uncover effective tips and techniques to solve real-world XenApp® infrastructure problems This is a fast-paced guide to developing key troubleshooting and problem resolution skills you can put to use in a Citrix environment Who This Book Is For This book is for Citrix Administrators or Citrix Engineers who are currently managing Citrix XenApp® in a production environment and want to learn how to troubleshoot XenApp® issues in the shortest possible time. It is assumed that you have a basic understanding of XenApp's components and how to implement and manage a XenApp® infrastructure. What You Will Learn Get to know about troubleshooting methodologies and perform a root cause analysis of the problem Understand the individual components and interactions required for a successful XenApp environments Identify and troubleshoot issues around the core Citrix components Identify XenApp® components and their roles and learn how they interact with the communication channels Gain tips and tricks to optimize Citrix deployments Monitor and optimize the XenApp® environment In Detail Citrix XenApp® is an application virtualization product from Citrix. It allows users to connect to their corporate applications from various computer systems and even mobile devices. XenApp® has grown into a complex software with ever-expanding infrastructures in place. Together with tight integrations with other systems such as Terminal Services, Active Directory, and other third-party authentication services, troubleshooting XenApp® has become more complicated. This book teaches you how to approach troubleshooting complex issues with XenApp® deployments and understand the problem, find a fix or workaround, determine the root cause, and apply corrective steps wherever applicable. The book progresses to give you an idea about the many supportive components that play an important role in XenApp's application delivery model and should be considered while troubleshooting XenApp® issues. It also shows you standard troubleshooting processes so that you can resolve complex XenApp® issues in a mission critical environment. By the end of this book, you will see how and where to use supportive

components that help minimize XenApp® issues. Also, we'll explain various tools that can be useful when monitoring and optimizing entire application and desktop delivery model. Style and approach This is an easy-to-follow, fast-paced, example-oriented guide with a brief explanation on various troubleshooting methodologies to walk you through a host of real-life problems.

Citrix Virtual Apps and Desktops Troubleshooting Stefanos Evangelou 2020-12-10 The purpose of this book is to provide a well-organized inventory of Citrix Virtual Apps and Desktops troubleshooting tools and methodologies. It first aims to educate Citrix administrators and users about the various concepts of the Citrix Flexcast Management Architecture (FMA) and to deal with the most frequent issues arising in Citrix Virtual Apps and Desktops environments. This book is addressed to Citrix Virtual Apps and Desktops system administrators, network administrators, technical support technicians and help desk operators as well as to any computer science student or IT hobbyist who wishes to expand their knowledge and skill set in the area of Citrix Virtual Apps and Desktops troubleshooting.

Citrix XenApp® 7.5 Desktop Virtualization Solutions Andy Paul 2014-10-21 If you are a Citrix® engineer, a virtualization consultant, or an IT project manager with prior experience of using Citrix XenApp® and related technologies for desktop virtualization and want to further explore the power of XenApp® for flawless desktop virtualization, then this book is for you.

OpenStack Trove Essentials Alok Shrivastwa 2016-03-30 Build your own cloud based Database as a Service using OpenStack Trove About This Book Familiarize yourself with the concept of Database as a Service and make your existing system scalable and efficient with OpenStack Trove Minimize the administrative tasks and complexities of managing your cloud infrastructure This is a fast-paced guide to datastore management on the OpenStack platform using OpenStack Trove Who This Book Is For If you are a DBA / system administrator / architect, or a student who wants to build a Database as a Service based on OpenStack, this book is for you. You should have a basic knowledge of OpenStack components, RDBMS/NoSQL, IaaS, and cloud computing. What You Will Learn Get to grips with the basics of OpenStack and the prerequisites to install Trove Understand the expectations of DBaaS and how Trove can help you achieve them Set up a basic installation of DevStack (Development Stack) in a virtual box Install Trove and utilize its configuration groups to manage and tune databases Use Image builder to create guest images for Trove Utilize Trove to provision your first database instance Back up and restore your databases with the help of Trove In Detail OpenStack has become an extremely popular solution to build public and private clouds with. Database as a Service (DBaaS) enables the delivery of more agile database services at lower costs. Some other benefits of DBaaS are secure database deployments and compliance to standards and best practices. Trove is a DBaaS built on OpenStack and is becoming more popular by the day. Since Trove is one of the most recent projects of OpenStack, DBAs and system administrators can find it difficult to set up and run a DBaaS using OpenStack Trove. This book helps DBAs make that step. We start by introducing you to the concepts of DBaaS and how it is implemented using OpenStack Trove. Following this, we look at implementing OpenStack and deploying Trove. Moving on, you will learn to create guest images to be used with Trove. We then look at how to provision databases in self-service mode, and how to perform administration tasks such as backup and recovery, and fine-tuning databases. At the end of the book, we will examine some advanced features of Trove such as replication. Style and approach This fast-paced, step-by-step guide introduces you to DBaaS, OpenStack Trove, and its components, leading you through building your own Cloud-based DBaaS. Using the DevStack deployment method, you will spend less time on installing OpenStack so you can devote more time to learning how to provision and manage databases in a DBaaS environment.

Getting Started with Citrix Xenapp(r) 7.6 Konstantin Cvetanov 2015-11-05 Install, configure, and support your XenApp systems with the power of Citrix XenApp About This Book • Familiarize yourself with Citrix applications and desktop virtualization • Maintain and troubleshoot your XenApp environment to minimize system downtime • A hands-on, step-by-step guide with a practical approach and real-world examples to get you up and running with XenApp systems Who This Book Is For This book is intended for IT administrators and consultants who want to build application and desktop virtualization solutions for their employers and customers. No prior knowledge of Citrix technologies is required. What You Will Learn • Make the use case for Citrix XenApp and design your first system • Prepare your existing IT infrastructure for XenApp and learn what licenses you need • Install and configure the XenApp infrastructure • Enable access with StoreFront and NetScaler Gateway • Enable load balancing with NetScaler • Maintain servers and publish applications and desktops • Manage printing in a Citrix environment • Troubleshoot your environment using advanced tools and methodologies employed by Citrix Escalation Teams In Detail If you want to effectively deploy the various components of Citrix XenApp to create an enterprise environment for application and desktop delivery, this hands-on guide is perfect for you. You start off by understanding the need and benefits of Citrix XenApp with respect to Virtualization technology. After this, you will get to grips with the requirement analysis and designing aspect of building XenApp systems and all the necessary installation and configuration procedures for Citrix XenApp, StoreFront and NetScaler Gateway are explained one by one in detail. Step-by-step, you will learn to deploy your first XenApp with the Machine Creation Services method and Provisioning Services method. After this, you will explore the administering part of applications and systems, followed by printing in the XenApp environment. Next, you will learn all the trips and tricks required to troubleshoot and support the XenApp environment. By the end of this book, you will be ready to go live with your new XenApp environment. Style and approach This is a step-by-step guide to technical implementations in a conversational and easy-to-follow style. Each component is deployed sequentially until a full solution is built. Basic as well as advanced features of the product are explored to

appeal to the widest possible audience interested in the topic.

Designing Hyper-V Solutions Saurabh Grover 2015-08-07 Deploy Microsoft Virtualization and VDI solutions using real-world Hyper-V configurations About This Book Get acquainted with the basics of Windows Server Hyper-V 2012 R2 and understand how to efficiently design a highly available virtualization solution Assess your physical server environment and understand the fundamentals of server consolidation and sizing of Hyper-V hosts Design practical solutions for common design patterns with explanations of these design decisions Who This Book Is For This book is aimed at IT admins, consultants, and architects alike who wish to deploy, manage, and maintain Hyper-V solutions in organizations of various sizes. Readers are expected to have a working knowledge of managing Windows Servers and a fair understanding of networking and storage concepts. What You Will Learn Set up independent and highly available clustered Hyper-V hosts via GUI and PowerShell Acquire knowledge about Generation 1 and 2 Virtual Machines, their creation and management, and also look at the VM Conversion process Understand NIC Teaming, Extensible Virtual Switch, and other networking advancements Gain insight into virtual machine storage changes and its follow-up benefits Discover backup and recovery patterns for Hyper-V Familiarize yourself with the essentials of Hyper-V Replica Leverage the benefits of Microsoft VDI In Detail The IT community has already experienced the benefits of server virtualization. However, they were limited to one option primarily until Microsoft released its flagship Hypervisor platform. Windows Server Hyper-V 2012 and R2 along with Hyper-V Server 2012 and R2 present a cost effective yet robust virtualization solution to enterprises who wish to consolidate their physical server workloads or migrate their pre-existing VMware workloads to Hyper-V. Hyper-V has proven to be a stable and an economical virtualization solution and with its high availability, live migration, and new network virtualization and storage enhancement features, enterprises will never feel the need to consider another alternative. This book is a practical, example-oriented tutorial that will guide you through the basics and architecture of the Hyper-V platform and thereafter help you understand how to build your Virtualization infrastructure from the ground up. The book then goes on to focus on scalability and high availability aspects and trains you in setting up highly available Hyper-V clusters and the live migration of virtual machines. You will also learn about the advancements in virtual networking and storage in Windows Server 2012. After the implementation guidance, the book then advises you on how to set up backup and recovery and how to prepare a disaster recovery plan via Hyper-V Replica. The book concludes with a good insight into Microsoft VDI implementation guidance. Style and approach This is a handy and easy-to-follow guide that describes virtualization concepts and the Hyper-V design approach. Each topic is explained sequentially and is enhanced with real-world scenarios, practical examples, screenshots, and step-by-step explanations to help readers understand clearly.

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!

Mastering XenApp® Sunny Jha 2015-12-11 Master the skills required to implement Citrix® XenApp® 7.6 to deploy a complete Citrix®-hosted application from scratch About This Book Learn to implement and configure components of Citrix® XenApp® 7.6, which are XenServer®, XenApp®, Citrix® License server, PVS, Storefront, Citrix® Receiver, and Netscaler to secure WAN traffic Build the XenApp® 7.6 environment independently and perform tests to make sure the components are working as expected for internal and external traffic Implement advanced tools in Citrix® XenApp® to build and manage a cost effective, secure, and high-performing application delivery infrastructure with this comprehensive guide Who This Book Is For This is book is for administrators who are currently managing the implemented environment and want to learn how to deploy the Citrix® Hosted virtualization solution for the application in a windows server 2012 R2 environment. A reasonable knowledge and understanding of core XenApp® elements and concepts used during virtualizing applications are assumed. What You Will Learn Understand how to set up Hypervisor, install the management console, configure the storage repository, and create a virtual machine on hypervisor Set up an Infrastructure component and explore ways to tune them up so that they can be used for Citrix® environment Set up a Domain controller, DHCP, Certificate authority, and SQL server for static database for Citrix® XenApp® Validate the Citrix® XenApp® 7.6 solution to make sure components are communicating properly Manage the essential Citrix® components – Director, Licensing, and Policies with the Help of Citrix® studio Optimize the behavior of an Application and share desktop via Policies Installing and configuring Citrix® Provisioning services to deliver Citrix® XenApp® 7.6 virtual machines Secure the external Delivery of an application and shared desktop via netscaler to enjoy mobility In Detail Citrix® XenApp® is one of the leading pieces of Application delivery software that delivers Windows compatible apps to users on any device, anywhere. Citrix® XenApp® also gives administrators the ability to manage and control the freedom of mobility by increasing the security and saving costs at the same time. This book will provide you with all the knowledge required to successfully deploy and master a complete Citrix® hosted application. First, it will cover essential concepts of the architecture of XenApp®. You will then learn how to set up Hypervisor and how to set up Infrastructure components. Next you will learn how to Set up Citrix® Components, XenApp® resources, PVS, and Netscaler. We will further look at how to prepare the environment for Rollout. Additionally, you will learn how to configure the Citrix® components such as Citrix® Director. Moreover, you'll learn about shared desktop for delivery to end users and the application of policies for effective and secure delivery. Finally, you will learn how to implement provisioning services for a Citrix® XenApp® 7.6 environment. Style and approach This book is based on a course outline and hence takes a very practical approach so you will understand how to implement the components of XenApp® in a production environment. Complemented with many best practices and troubleshooting concepts of XenApp®, this book will help you master XenApp® swiftly.

Microsoft Application Virtualization Advanced Guide Augusto Alvarez 2012-03-26 A practical tutorial containing clear, step-by-step explanations of all the concepts required to understand the technology involved in virtualizing your application infrastructure. Each chapter uses real-world scenarios so that the readers can put into practice what they learn immediately and with the right guidance. Each topic is written defining a common need and developing the process to solve it using Microsoft App-V. This book is for system administrators or consultants who want to master and dominate App-V, and gain a deeper understanding of the technology in order to optimize App V implementations. Even though the book does not include basic steps like installing App-V components or sequencing simple applications; application virtualization beginners will receive a comprehensive look into App-V before jumping into the technical process of each chapter.

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

Advanced Xenapp Troubleshooting Guide for Admins & Engineers Rajesh Kumar Vuppala 2015-12-29 Advanced Xenapp Troubleshooting Guide for Admins & Engineers by Rajesh Vuppala focuses on reducing your troubleshooting time and increasing your overall efficiency. Proactive solutions to Citrix problems are the main focus of this book and you will gain deep insights into hidden troubleshooting techniques for faster and more effective results. Different parts of this book focus on different aspects of your day-to-day tasks: it starts with a deep dive into different Xenapp modules, giving you a fuller understanding of this vital

topic area. Once you are comfortable with the different modules, in part 2 you will gain a comprehensive understanding of various troubleshooting techniques. From troubleshooting, you'll explore various options for optimizing the Xenapp environment and how to optimize user experience. By using the best practices described, you'll be able to reduce the number of problems faced by you, your team, and your users. Your journey winds up with top troubleshooting tools and the best ways to employ them for day-to-day operations. Whether you are a Citrix admin or engineer, you're working on mission-critical applications. Advanced Xenapp Troubleshooting Guide for Admins & Engineers gives you all the troubleshooting tips and tricks you'll need to meet the exacting demands of your clients and users.

Applet 37 Success Secrets - 37 Most Asked Questions on Applet - What You Need to Know Julia Bell 2013-07 There has never been a Applet Guide like this. Applet 37 Success Secrets is not about the ins and outs of Applet. Instead, it answers the top 37 questions that we are asked and those we come across in our forums, consultancy and education programs. It tells you exactly how to deal with those questions, with tips that have never before been offered in print. Get the information you need—fast! This comprehensive guide offers a thorough view of key knowledge and detailed insight. This Guide introduces everything you want to know to be successful with Applet. A quick look inside of the subjects covered: Software, History, CCNP4: The Network Troubleshooting Module For You, Who invented HTTP? - Citrix Certified Enterprise Administrator (CCEA) for XenApp, What is remote desktop? - Microsoft Certified Desktop Support Technician (MCDST), How to generate novell-compliant pings - Cisco Certified Entry Networking Technician, What are the 4 examples of network layer protocols? - Cisco Certified Entry Networking Technician, What are the security implications around mobile code? - Certified Information Security Manager, Free Tutorials for candidates of SCJP exam, What is Java Applet? - Sun Certified Java Associates, Take the Free Mock test, Take a tutorial for the SCJP Exam, Can AppleTalk be routed over WAN? - Citrix Certified Enterprise Administrator (CCEA) for XenApp, Managing High Availability (Critical) Networks, Different types of components that require redundant network models - CCNP - Cisco Certified Network Professional, Managing High Availability (Critical) Networks, How to setup the application security - Microsoft Certified Desktop Support Technician (MCDST), Siebel Escript 101, Striving for a Better Experience, Architecture, How to customize fonts and folders in Windows XP - Microsoft Certified Desktop Support Technician (MCDST), how can you discover the router address for a desktop? - CCSP - Cisco Certified Security Professional, Distinguishing Web Applications, What are the types of network traffic in LAN based networks? - CCNP - Cisco Certified Network Professional, Understanding what is Siebel On Demand, What is Siebel High Interactivity Framework?, What are the benefits of java applet? - Sun Certified Java Associates, How to configure accounts into Windows XP - Microsoft Certified Desktop Support Technician (MCDST), The Value of Staying Up to Date About Basic CCNA 1 Answers, Working on Web 2.0 Font, What are the features of javascript? - Sun Certified Java Associates, How can AppleTalk be routed over WAN? - Citrix Netscaler 9.0, How to execute java applet - Sun Certified Java Associates, and much more...

Instant Citrix Security How-To Carmel Jacob 2013-01-01 Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. Get the job done and learn as you go. A how-To book with practical recipes accompanied with rich screenshots for easy comprehension.This easy-to-follow, hands-on guide shows you how to bolster your security with real life cases and step-by-step instructions.This guide gets new users up and running with Citrix Netscaler in simple practical steps and also acts as a refresher to those with some experience of the product and its features.

Mike Meyers CompTIA Network Guide to Managing and Troubleshooting Networks Fifth Edition (Exam N10-007) Mike Meyers 2018-07-10 Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Essential Skills for a Successful IT Career Written by Mike Meyers, the leading expert on CompTIA certification and training, this up-to-date, full-color text will prepare you for the CompTIA Network+ exam N10-007 and help you become an expert networking technician. Fully revised for the latest CompTIA Network+ exam, including coverage of performance-based questions, the book contains helpful on-the-job tips, end-of-chapter practice questions, and hundreds of photographs and illustrations. Note: this textbook is intended for classroom use and answers to the end of chapter sections are only available to adopting instructors. Mike Meyers' CompTIA Network+ Guide to Managing and Troubleshooting Networks, Fifth Edition covers: • Network architectures • Cabling and topology • Ethernet basics • Network installation • TCP/IP applications and network protocols • Routing • Network naming • Advanced networking devices • IPv6 • Remote connectivity • Wireless networking • Virtualization and cloud computing • Mobile networking • Network operations • Managing risk • Network security • Network monitoring and troubleshooting Online content includes: • 100+ practice exam questions in a customizable test engine • 20+ lab simulations to help you prepare for the performance-based questions • One hour of video training from Mike Meyers • Mike's favorite shareware and freeware networking tools and utilities Each chapter features: • Learning objectives • Photographs and illustrations • Real-world examples • Try This! and Cross Check exercises • Key terms highlighted • Tech Tips, Notes, and Warnings • Exam Tips • End-of-chapter quizzes and lab projects

Application Layering with VMware App Volumes Peter von Oven 2019-11-13 Step-by-step guide to designing, deploying and managing VMware App Volumes DESCRIPTION Delivering applications within a virtual desktop environment has always proven to be a challenge given the stateless nature in which virtual desktops are deployed. How can organizations deliver applications each time an end user logs in to his or her desktop given that the desktop they just logged in to has been created as a brand-new machine and basically has nothing installed on it? App Volumes delivers applications in real-time to virtual desktop machines, enabling VDI deployments to return even greater flexibility, agility and cost reduction. Enterprises can fully utilize the stateless virtual desktop model

in all use VDI uses cases. For users such as developers who required a persistent, fully-stateful virtual desktop machine of their own, they too can take advantage of the advantages of a stateless virtual desktop model enabling better return on investment as well as centralised application delivery. This book will guide you on a journey of how to deploy an App Volumes environment, with easy-to-follow step by step instructions with real-life screenshots based on a test lab environment that you can build as you go. The book starts with an overview of what App Volumes delivers and the challenges it resolves. From there, we will start to explore the architecture and components that make up the solution, concentrating on how to design and plan your own environment. Once you have understood the technology and use cases, then it's time to start installing and configuring the App Volumes software. Once installed we can then start to look more closely at the core components to the App Volumes solution and how to build your application layers. As part of this, we will also cover some of the more advanced management tasks for managing the environment. Once you have built the core environment and created some examples of application layers, we will then look at how to integrate App Volumes with some of the other EUC technologies that are available in the market such as VMware ThinApp, Microsoft RDSH, Citrix XenApp (Citrix Virtual Apps), and Citrix XenDesktop (Citrix Virtual Desktop). Throughout this book we will provide you with useful hints and tips, along with best practices, all based on experience of deploying App Volumes within the Enterprise. At the end of the journey, you will have built a complete working App Volumes environment and will have acquired the skills and knowledge to deploy your own production environment. KEY FEATURES

Understanding the concept of application layering App Volumes architecture overview Installing App Volumes Working with App Volumes, App Stacks and Writeable Volumes Integration with VDI, app publishing, and desktop publishing solutions Advanced configuration and management WHAT WILL YOU LEARN This book will enable you to learn about how to deliver real-time applications using VMware App Volumes. You will start by learning about the architecture of the solution, the use cases, and what benefits it delivers. Following the introduction, you will learn how to install the App Volumes software, how to configure it and then how to create your application layers to ready them for delivery to end users. Finally, you will learn how App Volumes integrate into not only other VMware EUC technologies, but also some of the market-leading third-party solutions from Citrix and Microsoft. WHO THIS BOOK IS FOR This book is designed for virtual desktop administrators and architects who are looking to design and deploy a solution that can deliver applications on-demand to end users who are using virtual desktop machines. App Volumes enables them to move to a stateless VDI model which is both more cost effective and easier to manage. To understand the concepts and technology used in this book you will need to have a good working knowledge of the Microsoft Windows operating systems for both desktops (namely virtual desktops) and servers (used for installing App Volumes and other functions such as AD, file sharing, and RDSH). You will also need experience in managing and administering a vSphere environment used to host the solution. As App Volumes is all about delivering applications, you should have a good working knowledge of Windows app delivery methodologies as well as publishing apps using Microsoft RDSH. This book will guide you through the complete process, step-by-step, in building an App Volumes environment. Table of Contents 1. Introduction to app layering & VMware App Volumes 2. Installing VMware App Volumes 3. Getting familiar with the Management Console 4. Creating & Configuring AppStacks 5. Creating & Configuring Writable Volumes 6. Advanced Configuration 7. App Volumes & JMP 8. Delivering AppStacks with Citrix XenDesktop 9. Delivering App Volumes with Microsoft RemoteApp 10. Delivering App Volumes with Citrix XenApp 11. Delivering AppStacks with Horizon Apps 12. Delivering ThinApp apps with App Volumes

Be A Citrix Hero D. J. Eshelman 2020-04-25

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.

Citrix XenDesktop 7 Cookbook Gaspare A. Silvestri 2014

Ccea for Xenapp Exam Certification Exam Preparation Course in a Book for Passing the Ccea for Xenapp Exam William Manning 2010 The Citrix Certified Enterprise Administrator (CCEA) for XenApp (Presentation Server 4) certification is a rigorous and challenging track in which certification candidates learn, apply, and demonstrate the advanced skills required to integrate multiple Citrix products into a single optimally configured environment, as well as sustain this environment using comprehensive troubleshooting and maintenance techniques. This XenApp (Presentation Server 4) certification is intended for those responsible for administering large, complex, or mission critical environments. This self-study exam preparation guide for the CCEA for XenApp certification exam contains everything you need to test yourself and pass the Exam. All Exam topics are covered and insider secrets, complete explanations of all CCEA for XenApp subjects, test tricks and tips, numerous highly realistic sample questions, and exercises designed to strengthen understanding of CCEA for XenApp concepts and prepare you for exam success on the first attempt are provided. Put your knowledge and experience to the test. Achieve CCEA for XenApp certification and accelerate your career. Can you imagine valuing a book so much that you send the author a "Thank You" letter? Tens of thousands of people understand why this is a worldwide best-seller. Is it the authors years of experience? The endless hours of ongoing research? The interviews with those who failed the exam, to identify gaps in their knowledge? Or is it the razor-sharp focus on making sure you don't waste a single minute of your time studying any more than you absolutely have to? Actually, it's all of the above. This book includes new exercises and sample questions never before in print. Offering numerous sample questions, critical time-saving tips plus information available nowhere else, this book will help you pass the CCEA for XenApp exam on your

FIRST try. Up to speed with the theory? Buy this. Read it. And Pass the CCEA for XenApp Exam.

The Real Citrix CCA Exam Preparation Kit Shawn Tooley 2009-05-18 The Citrix Certified Administrator (CCA) credential is the first tier of Citrix certification. The CCA is most often sought out by IT professionals whose networks employ Citrix virtualization technology, and for those IT professionals who are seeking a broad base of general network expertise. The number of CCAs is estimated at between 65 and 70K, up from 45,000 in 2003. Citrix recently released a new version of its most popular product, XenApp (formerly Presentation Server). This new version is fully compatible with Windows Server 2008. To retain their CCA credential, all current CCAs will need to upgrade to the new software. This will be particularly important to those companies enrolled in Citrix partner programs, as current certification is a requirement of the program. When packaged with practice exams, this prep kit will offer an affordable, effective solution for CCA certification and re-certification. Complete exam-prep package includes full coverage of new XenApp 5.0 objectives Authored by a Citrix expert with hundreds of implementations to his credit This preparation kit can also be used as a reference guide for administrators who need to integrate XenApp 5.0 with their networks

Troubleshooting Citrix XenDesktop® Gurpinder 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.

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.

Citrix® XenApp® 6.5 Expert Cookbook Esther MSc 2014 For experts only, this cookbook is a superbly structured interactive guide to the advanced features of Citrix XenApp. It will give you the know-how to build an effective and robust virtualization infrastructure. In Detail In the age of cybernation, Citrix XenApp has emerged as a prolific application virtualization product. This powerful solution enables users or an enterprise to have centrally hosted and managed applications on corporate servers which can be accessed remotely from a wide range of computer and mobile devices. To deliver shared hosted virtual desktops and applications, XenApp synchronizes with Citrix tools such as NetScaler Gateway that offer secure remote access. Giving you an insight into configuring, managing, and optimizing the advanced features of Citrix XenApp, this practical guide starts by helping you establish Remote Desktop Services and understanding the Citrix Licensing protocol. You then get a walkthrough of the Citrix Web Interface and then finally move on to successfully manage your XenApp server using PowerShell and command-line tooling. "Citrix® XenApp® 6.5 Expert Cookbook" clearly teaches you to work with the XenApp tool to deliver published desktops and applications from a XenApp server to the end user. Packed with practical recipes, this book starts with helping you understand the basics of Remote Desktop Services and proceeds to explain in detail the usage of Citrix License servers. Furthermore, you will learn to utilize the Citrix web interface, which acts as the central portal where users remotely access their desired applications. Next, you will move on to the key technical implementation of the NetScaler Gateway tool which Citrix uses to provide secured services. Finally, you will advance to learn about the basic management consoles and tooling, configuration, and troubleshooting methods of XenApp with command-line tools and PowerShell scripts. You will also get a glimpse into the buzzing Citrix community by learning some great additional tools and scripts built by Citrix community enthusiasts. This guide is an invaluable tutorial to help you to explore and optimize the XenApp tool to virtually deliver desktops and applications What You Will Learn Configure and manage Remote Desktop Services Understand Citrix License Server Utilize the Citrix Web Interface Manage Citrix StoreFront Deploy NetScaler Gateway Optimize the Citrix XenApp Learn to configure XenApp with command-line and PowerShell scripts Utilize ...

Citrix XenApp™ Platinum Edition Advanced Concepts: The Official Guide Citrix Sytems Inc 2008-05-12 The Only Official Guide to All Components of Citrix XenApp Platinum Edition Citrix XenApp, the new name for Citrix Presentation Server, is an end-to-end Windows application delivery system that offers both client-side and server-side application virtualization, for optimal application performance and flexible delivery options. It's the best access experience for any user. With the secure application architecture, organizations can centralize applications and data in secure data centers, reducing costs of management and support, increasing data security, and ensuring fast, reliable performance. Build and maintain a scalable, cost-effective, and secure enterprise application delivery infrastructure with expert advice from the Citrix Product Development Team. Citrix XenApp Platinum Edition Advanced Concepts: The Official Guide explains how to configure hardware and software and centrally manage enterprise resources. You'll learn to use Citrix Conferencing Manager, Citrix Access Gateway, Citrix Password Manager, and other tools. The book also includes in-depth coverage of advanced troubleshooting techniques, disk and memory tuning methods, and security strategies. Deploy Citrix XenApp across a large enterprise successfully Understand the network bandwidth requirements of server-to-server communication, and communication between Access Management Console and servers Secure remote access with Citrix Access Gateway Administer and customize Citrix Password Manager Maximize the capabilities of Citrix Conferencing Manager Secure Citrix XenApp using certificates, encryption, and smart cards Configure Virtual IP addressing, PDA synchronization, and SpeedScreen browser acceleration Gain insights from Citrix eLabs server load and capacity hardware testing

Getting Started with Citrix XenApp® 7.6 Konstantin Cvetanov 2015-11-06 Install, configure, and support your XenApp systems with the power of Citrix XenApp About This Book Familiarize yourself with Citrix applications and desktop virtualization Maintain and troubleshoot your XenApp environment to minimize system downtime A hands-on, step-by-step guide with a practical approach and real-world examples to get you up and running with XenApp systems Who This Book Is For This book is intended for IT administrators and consultants who want to build application and desktop virtualization solutions for their employers and customers. No prior knowledge of Citrix technologies is required. What You Will Learn Make the use case for Citrix XenApp and design your first system Prepare your existing IT infrastructure for XenApp and learn what licenses you need Install and configure the XenApp infrastructure Enable access with StoreFront and NetScaler Gateway Enable load balancing with NetScaler Maintain servers and publish applications and desktops Manage printing in a Citrix environment Troubleshoot your environment using advanced tools and methodologies employed by Citrix Escalation Teams In Detail If you want to effectively deploy the various components of Citrix XenApp to create an enterprise environment for application and desktop delivery, this hands-on guide is perfect for you. You start off by understanding the need and benefits of Citrix XenApp with respect to Virtualization technology. After this, you will get to grips with the requirement analysis and designing aspect of building XenApp systems and all the necessary installation and configuration procedures for Citrix XenApp, StoreFront and NetScaler Gateway are explained one by one in detail. Step-by-step, you will learn to deploy your first XenApp with the Machine Creation Services method and Provisioning Services method. After this, you will explore the administering part of applications and systems, followed by printing in the XenApp environment. Next, you will learn all the trips and tricks required to troubleshoot and support the XenApp environment. By the end of this book, you will be ready to go live with your new XenApp environment. Style and approach This is a step-by-step guide to technical implementations in a conversational and

easy-to-follow style. Each component is deployed sequentially until a full solution is built. Basic as well as advanced features of the product are explored to appeal to the widest possible audience interested in the topic.

Microsoft Windows 7 Administrator's Reference Jorge Orchilles 2010-06-03 Microsoft Windows 7 Administrators Reference covers various aspects of Windows 7 systems, including its general information as well as installation and upgrades. This reference explains how to deploy, use, and manage the operating system. The book is divided into 10 chapters. Chapter 1 introduces the Windows 7 and the rationale of releasing this operating system. The next chapter discusses how an administrator can install and upgrade the old operating system from Windows Vista to Windows 7. The deployment of Windows 7 in an organization or other environment is then explained. It also provides the information needed to deploy Windows 7 easily and quickly for both the administrator and end users. Furthermore, the book provides the features of Windows 7 and the ways to manage it properly. The remaining chapters discuss how to secure Windows 7, as well as how to troubleshoot it. This book will serve as a reference and guide for those who want to utilize Windows 7. Covers Powershell V2, Bitlocker, and mobility issues Includes comprehensive details for configuration, deployment, and troubleshooting Consists of content written for system administrators by system administrators

The Definitive Guide to Application Performance Management Greg Shields 2009

Instant EdgeSight for XenApp Vaqar Hasan 2013-01-01 Filled with practical, step-by-step instructions and clear explanations for the most important and useful tasks. Instant EdgeSight for XenApp is a practical, hands-on guide that contains instruction-based examples from basic to advanced level topics. Instant EdgeSight for XenApp will serve as an excellent source of information for Citrix XenApp professionals and novices alike. It is assumed that readers have experience working with Citrix products and have some sort of familiarity with monitoring.

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.

Inside Citrix MetaFrame XP Ted Harwood 2002 The most comprehensive reference on the market for MetaFrame XP and the only book with a strong focus on Web-enabling enterprise applications using NFuse technology, this guide contains several real-world examples to drive home the main points.

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.

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.

[Windows Server 2019 Automation with PowerShell Cookbook](#) Thomas Lee 2019-02-28 Automate Windows server tasks with the powerful features of the PowerShell Language Key Features Leverage PowerShell to automate complex Windows server tasks Master new features such as DevOps, and containers, and speed up their performance using PowerShell Improve PowerShell's usability, and control and manage Windows-based environments by working through exciting recipes Book Description Windows Server 2019 represents the latest version of Microsoft's flagship server operating system. It also comes with PowerShell Version 5.1 and has a number of additional features that IT pros find useful. The book helps the reader learn how to use PowerShell and manage core roles, features, and services of Windows Server 2019. You will begin with creating a PowerShell Administrative Environment that has updated versions of PowerShell and the Windows Management Framework, updated versions of the .NET Framework, and third-party modules. Next, you will learn to use PowerShell to set up and configure Windows Server 2019 networking and also managing objects in the AD environment. You will also learn to set up a host to utilize containers and how to deploy containers. You will also be implementing different mechanisms for achieving desired state configuration along with getting well versed with Azure infrastructure and how to setup Virtual Machines, web sites, and shared files on Azure. Finally, you will be using some powerful tools you can use to diagnose and resolve issues with Windows Server 2019. By the end of the book, you will learn a lot of trips and tricks to automate your windows environment with PowerShell What you will learn Perform key admin tasks on Windows Server 2019 Employing best practices for writing PowerShell scripts and configuring Windows Server 2019 Use the .NET Framework to achieve administrative scripting Set up VMs, websites, and shared files on Azure Report system performance using built-in cmdlets and WMI to obtain single measurements Know the tools you can use to diagnose and resolve issues with Windows Server Who this book is for If you are a systems administrator, engineer, or an architect working with Windows Server 2016 interested in upgrading to

Windows Server 2019 and automating tasks with PowerShell, then this book is for you. A basic knowledge of PowerShell is expected.

[Mastering VMware vSphere 6.7](#) Martin Gavanda 2019-03-07 Unleash the benefits of VMware vSphere 6.7 to provide a powerful, flexible and secure digital infrastructure Key FeaturesDeep dive into areas like management, security, scalability, availability and more with vSphere 6.7Design, deploy and manage VMware vSphere virtual datacentersImplement monitoring and security of VMware workloads with easeBook Description vSphere 6.7 is the latest release of VMware's industry-leading, virtual cloud platform. It allows organisations to move to hybrid cloud computing by enabling them to run, manage, connect and secure applications in a common operating environment. This up-to-date, 2nd edition provides complete coverage of vSphere 6.7. Complete with step-by-step explanations of essential concepts, practical examples and self-assessment questions, you will begin with an overview of the products, solutions and features of the vSphere 6.7 suite. You'll learn how to design and plan a virtual infrastructure and look at the workflow and installation of components. You'll gain insight into best practice configuration, management and security. By the end the book you'll be able to build your own VMware vSphere lab that can run even the most demanding of workloads. What you will learnExplore the immense functionality of vSphere 6.7Design, manage and administer a virtualization environmentGet tips for the VCP6-DCV and VCIX6-DCV examsUnderstand how to implement different migration techniques across different environmentsExplore vSphere 6.7's powerful capabilities for patching, upgrading and managing the configuration of virtual environmentsUnderstand core vSphere componentsMaster resource management, disaster recovery, troubleshooting, monitoring and securityWho this book is for This book is for Administrators, Infrastructure Engineers, Architects, and Consultants with basic knowledge of VMware vSphere.