

Moving To Xenapp And Xendesktop Service On Citrix Cloud

Eventually, you will agreed discover a supplementary experience and exploit by spending more cash. still when? attain you bow to that you require to get those all needs taking into account having significantly cash? Why dont you attempt to get something basic in the beginning? Thats something that will lead you to comprehend even more regarding the globe, experience, some places, behind history, amusement, and a lot more?

It is your definitely own grow old to show reviewing habit. in the middle of guides you could enjoy now is **moving to xenapp and xendesktop service on citrix cloud** below.

Mastering NetScaler VPX™ - Rick Roetenberg 2015-11-23

Learn how to deploy and configure all the available Citrix NetScaler features with the best practices and techniques you need to know About This Book Implement and

configure all the available NetScaler Application Delivery features and monitor NetScaler VPX performance in your environment Packed with real-word NetScaler deployment scenarios to help you see the configuration principles in action

Integrate NetScaler with other Citrix technologies, including CloudBridge, Application Delivery Controller, HDX Insight, and Command Center Who This Book Is For If you're an administrator with prior experience using NetScaler then you have everything you need to make the most of this book. What You Will Learn Configure the more commonly used NetScaler VPX features such as basic load balancing, authentication, NetScaler Gateway, and StoreFront Configure the AppExpert features such as Responder, Rewrite, AppExpert templates, parsing HTTP, TCP, and UDP data Integrate NetScaler with other Citrix technologies such as CloudBridge, Insight Center, and Command Center Optimize traffic using caching, front-end optimization, and compression Dive deep in the security, caching, and compression enhancements Protect your environment with AAA and Application Firewall, or from HTTP DDoS

attacks Troubleshoot an environment using tools such as TaaS and WireShark In Detail Citrix NetScaler is one of the best Application Delivery Controller products in the world. The Application Delivery Controllers are commonly used for load balancing purposes, to optimize traffic, and to perform extra security settings. This book will give you an insight into all the available features that the Citrix NetScaler appliance has to offer. The book will start with the commonly used NetScaler VPX features, such as load balancing and NetScaler Gateway functionality. Next, we cover features such as Responder, Rewrite, and the AppExpert templates, and how to configure these features. After that, you will learn more about the other available Citrix technologies that can interact with Citrix NetScaler. We also cover troubleshooting, optimizing traffic, caching, performing protection using Application Firewall, and

denying HTTP DDoS attacks for web services. Finally, we will demonstrate the different configuration principles real-world Citrix NetScaler deployment scenarios. Style and approach This easy-to-follow guide explains as much as possible about each feature and its configuration. Each topic is explained sequentially in the process of configuring and deploying the feature.

Cloud Revolution - Yale Esrock 2010-03
Cloud computing represents an evolution in technology and a revolution in business, for when a fixed asset like a computer becomes variable and on demand, all sorts of agility and new cost structures open up. The Cloud rEvolution report tackles this new world of information technology in a four-volume series. "Laying the Foundation" (1) introduces the Cloud rEvolution and explores the core technologies that lay the groundwork for cloud computing. "The Art of Abstraction" (2) shows how abstraction

loosens the IT stack for flexibility and efficiency, eyeing the ultimate abstraction: the cloud. "The Cloud Effect" (3) describes the impact the cloud is having on IT and business tactically and strategically. "A Workbook for Cloud Computing in the Enterprise" (4, downloadable separately) offers guidance for transitioning to the cloud, which is rapidly becoming a question of when and how, not if.

Security and Auditing of Smart Devices
- Sajay Rai 2016-11-17

Most organizations have been caught off-guard with the proliferation of smart devices. The IT organization was comfortable supporting the Blackberry due to its ease of implementation and maintenance. But the use of Android and iOS smart devices have created a maintenance nightmare not only for the IT organization but for the IT auditors as well. This book will serve as a guide to IT and

Audit professionals on how to manage, secure and audit smart device. It provides guidance on the handling of corporate devices and the Bring Your Own Devices (BYOD) smart devices.

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.

Cloud Migration - Tobias Höllwarth 2012

This book is designed for managers and entrepreneurs, who are considering improving the economics and flexibility of their IT solutions and infrastructures. The book is also for readers who wish to learn more about the Cloud, but do not want to become specialists. This book discusses the technical, legal, fiscal, economic, organisational and environmental aspects of Cloud services. If you are looking for practical advice on vendor selection and certification, as well as real world Cloud project case studies, this is the book to consult. It is the result of a highly cooperative project conducted by six master editors, and 50 authors from 11 countries. The people involved were lawyers, tax

consultants, engineers, economists, IT consultants, and a number of others responsible for reviews and quality assurance. The Master Editors were: AKENINE Daniel, ASMA Jorg, GERED Arpad, PAULY Michael, TRAVNICEK Reinhard."This book helped me in a very short time to gain an overview of the opportunities and risks of cloud computing, and to clarify some important questions up front."Stefan Wagenhofer (CEO, Gas Connect Austria)TECHNOLOGYOperational ModelsService modelsPreconditionsSECURITYRisk managementForensicsSecure AccessLAWData ProtectionComplianceContractual recommendationsCONTROLAccounting DutiesTaxVAT questionsPROCESSESPlanningMigrationAudit ingBUSINESSCloud StrategyBusiness ModelsImpactPRACTICAL PARTCloud

CertificationElements of the ContractCase StudiesThe Author: Dr. Tobias Hollwarth is an economist with more than 20 years of experience as an enterprise consultant, specialising in IT projects.In this role he supp

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).

Implementing and Developing Cloud Computing Applications - David E. Y.

Sarna 2010-11-17

From small start-ups to major corporations, companies of all sizes have embraced cloud computing for the scalability, reliability, and cost benefits it can provide. It has even been said that cloud computing may have a greater effect on our lives than the PC and dot-com revolutions combined. Filled with comparative charts and decision trees, Implementing and Developing Cloud Computing Applications

Cloud Computing - Hiran Kamal Kant
2019-09-20

Unleash the power of cloud computing using Azure, AWS and Apache Hadoop. Key features: Provides a sound understanding of the Cloud computing concepts, architecture and its applications; Explores the practical benefits of Cloud computing services and deployment models in details; Cloud Computing Architecture, Cloud Computing Life Cycle (CCLC), Load balancing approach, Mobile Cloud Computing (MCC), Google App Engine (GAE) Virtualization and Service-Oriented Architecture (SOA) Cloud Computing applications - Google Apps, Dropbox Cloud and Apple iCloud and its uses in various sectors - Education, Healthcare, Politics, Business, and Agriculture; Cloud Computing platforms - Microsoft Azure, Amazon Web Services (AWS), Open Nebula, Eucalyptus, Open Stack, Nimbus and The Apache Hadoop Architecture; Adoption of Cloud Computing technology and strategies for migration to

the cloud Cloud computing adoption case studies - Sub-Saharan Africa and India Chapter-wise Questions with Summary and Examination Model Question papers Description With the advent of internet, there is a complete paradigm shift in the manner we comprehend computing. Need to enable ubiquity, convenient and on-demand access to resources in highly scalable and resilient environments that can be remotely accessed, gave birth to the concept of Cloud computing. The acceptance is so rapid that the notion influences sophisticated innovations in academia, industry and research world-wide and hereby change the landscape of information technology as we thought of. Through this book, the authors tried to incorporate core principles and basic notion of cloud computing in a step-by-step manner and tried to emphasize on key concepts for clear and thorough insight into the subject. This book begins with the

fundamentals of cloud computing, its service and deployment models, architecture, as well as applications and platforms. It presents some key enterprise strategies and models for the adoption of and migration to cloud. Privacy and security issues and challenges also form a major part of our discussion in the book as well as case studies of cloud computing adoption in Sub-Saharan Africa and India. The book concludes with a discussion of several advanced topics, such as Amazon Web Services (AWS), Open Nebula, Microsoft Azure, Apache Hadoop and Google App Engine (GAE). What will you learn Learn about the Importance of Cloud Computing in Current Digital Era Understand the Core concepts and Principles of Cloud Computing with practical benefits Learn about the Cloud Deployment models and Services Discover how Cloud Computing Architecture works Learn about the Load balancing

approach and Mobile Cloud Computing (MCC) Learn about the Virtualization and Service-Oriented Architecture (SOA) concepts Learn about the various Cloud Computing applications, Platforms and Security concepts Understand the adoption Cloud Computing technology and strategies for migration to the cloud Case Studies for Cloud computing adoption - Sub-Saharan Africa and India Who this book is for This book is intended for students of B.E., B.Tech., B.Sc., M.Sc., M.E., and M.Tech. as a text book. The content is designed keeping in mind the bench marked curriculum of various universities (both National and International). The book covers not only the technical details of how cloud works but also exhibits the strategy, technical design, and in-depth knowledge required to migrate existing applications to the cloud. Therefore, it makes it relevant for the beginners who wants to learn cloud computing right from

the foundation. Aspiring Cloud Computing Researchers Instructors, Academicians and Professionals, if they are familiar with cloud, can use this book to learn various open source cloud computing tools, applications, technologies. They will also get a flavor of various international certification exams available. Table of contents

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About the author Kamal Kant Hiran is working as Associate Professor & Head IT in the BlueCrest University College, Liberia, West Africa as well as Research Fellow, Aalborg University,

Copenhagen, Denmark. He has rich experience of 14+ years as an academician and researcher in Asia, Africa and Europe. His research interests include Cloud Computing adoption theories and framework, Internet of Things (IoT) and Digital Image and Video Processing. He has several awards on his credit such as International travel grant for Germany from ITS Europe, Gold Medal Award in M. Tech (ICT), IEEE Ghana Section Award, IEEE Senior Member Recognition, IEEE Student branch award and Best Research paper award from the University of Gondar, Ethiopia. He has published research papers in peer-reviewed international journals and conferences. He is Reviewer and Editorial board member of various reputed International Journals in Elsevier, Springer, IEEE, Bentham Science, IGI Global, IJSET, IJTEE, IJSTR and IJERT. He is the active member in organizing many international

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[http://www.kamalhiran.in/His LinkedIn profile:](http://www.kamalhiran.in/His%20LinkedIn%20profile)
[https://www.linkedin.com/in/kamal-kant-hira n-4553b643Ruchi Doshi](https://www.linkedin.com/in/kamal-kant-hira-n-4553b643Ruchi%20Doshi) is having more than 10 years of academic, research and software development experience in Asia and Africa. She is working as Registrar in the BlueCrest University College, Liberia, West Africa and also worked with BlueCrest University College, Ghana; Amity University, India & Trimax IT Infrastructure & Services as software engineer. She is interested in the field of Cloud computing, Computer vision, Artificial Intelligence and latest technology used in the higher education. She has published research papers in peer-reviewed international journals and conferences. She is Reviewer, Advisor, Ambassador & Editorial board member of

various reputed International Journals and Conferences such as MIR Labs, USA, IEEE W4S, IJCS and IJERT. She is the active member in organizing many international events in India, Ghana, and Liberia. Her LinkedIn profile:

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Scientists and Information Technologists (SAICSIT), Asian Council of Science Editors (ACSE), Machine Intelligence Institute of Africa (MIIA), Computer Professionals (Registration Council) of Nigeria (CPN), the International Association of Engineers (IAENG) and DataHack4FI in Africa. He has over 50 refereed publications in referred international journals and conference proceedings to his credit and currently serves as a reviewer for over 15 reputable international journals. He is also a recipient of the ACM FAT's grant in November 2018. His LinkedIn profile:

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has published several research articles in National/International Journals, Conferences including Global Journals, ICCCTAM-Dubai, ICMLC-Singapore, IACC and chapters in books. He is also an active technical reviewer of Journal of Parallel and Distributed Computing (SCI & Scopus-Elsevier). His research activities are currently twofold: while the first research activity is set to explore the developmental enhancements video processing and analysis; the second major research theme is focused on the emerging capabilities of cloud computing. Mr. Mahrishi is rewarded at number of occasions in various domains including Recognition as an active reviewer by Journal of Parallel and Distributed Computing (JPDC, Elsevier, SCI & Scopus Indexed), IEEE continuing education certification for "e;Cloud Computing Enable Technologies and Recognition for outstanding performance in Campus

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Technische und wirtschaftliche Betrachtung von Clientvirtualisierung: Citrix (XenApp/XenDesktop) vs. VMware (View) - Stefan Hupfloher
2015-02-01

Durch den Trend zu mobilen Endgeräten wie Tablet PCs, iPads und Smartphones entstehen Veränderungen und gleichzeitig erhebliche Herausforderungen in den IT-Abteilungen. Die Endbenutzer und Kunden wollen ihre E-Mails sofort aufs Handy bekommen, wollen ihre Applikationen auch unterwegs nutzen können und von jedem Ort der Welt Zugriff auf ihre Daten haben. Dabei sind die Geräte oft nur schwer bis gar nicht zu managen. Auf der anderen Seite bieten Lösungen zur Virtualisierung wie Citrix oder VMWare einen Mehrwert, der die

Mitarbeiter effektiver arbeiten lässt und Einsparungen im Clientdeployment bietet. Diese Faktoren wurden in der vorliegenden Arbeit durch eine Ist-Analyse in einer bestehenden Umgebung gesammelt und zusammen mit aktuellen Problemen wurde daraus ein Anforderungskatalog an eine zukünftige Lösung erstellt. Dieser wurde bewertet und die Produkte daraufhin untersucht. Dabei wurde eine Empfehlung abgeleitet, die sowohl wirtschaftliche, als auch technische Sichtweisen übersichtlich darstellt.

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.

XenDesktop & XenApp 7.6 - Göran Eibel
2015-07-18

Dieses Buch gibt einen tiefgehenden Einblick in die neuen Architekturen und Konzepte der aktuellen Citrix XenDesktop und XenApp Technologien zur zentralen

Bereitstellung von Desktops und Applikationen. Es richtet sich sowohl an Neueinsteiger in die Citrix Virtualisierungswelt als auch an Umsteiger von Vorgängerversionen. Alle notwendigen Schritte für die Erstellung eines Designs und der Aufbau sowie Betrieb einer vollständigen, skalierbaren Virtualisierungsumgebung werden ausführlich und praxisnah behandelt. Darüber hinaus zeichnen wertvolle Ratschläge und umfassende Hintergrundinformationen dieses lösungsorientierte Kompendium aus und machen es zu einem unverzichtbaren Begleiter für IT-Systemarchitekten, Berater und Administratoren.

Citrix® XenApp® 7.x Performance Essentials - Luca Dentella 2014-08-18

If you are an IT architect or system administrator who works with Citrix® XenApp® and need an agile, practical guide

to tune and optimize the performance of your XenApp® architecture, this is the book for you. Citrix®, Citrix Systems®, XenApp®, XenDesktop® and CloudPortal™ are trademarks of Citrix Systems, Inc. and/or one or more of its subsidiaries, and may be registered in the United States Patent and Trademark Office and in other countries.

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.

Optimizing Citrix® XenDesktop® for High Performance - Craig Thomas Ellrod
2015-12-28

Successfully deploy XenDesktop sites for a

high performance Virtual Desktop Infrastructure (VDI) About This Book Size the VDI environment so the administrator has breathing room to design and build their XenDesktop systems efficiently Use desktop virtualization tools to provide users fast, convenient access to their Windows Desktops Understand the key pinch points in the resource layers such as; the Client layer, Network Layer, Access Layer, Control Layer, Services Layer and Resources Layer Who This Book Is For Citrix XenDesktop High Performance is written for administrators who would like to deploy Citrix XenDesktop in their enterprises with the aim of providing high efficiency. Basic familiarity with Citrix XenDesktop is assumed. What You Will Learn Understand key concepts, terminology, and system requirements Discover how components work in regards to virtualization and performance Identify architectural resource layers and

components Explore the hypervisor virtualization software that runs on top of the hardware and learn how to tune it for maximum performance Analyze client hardware and software, including thin clients and mobile devices In Detail Citrix XenDesktop is a suite of desktop virtualization tools designed to provide users with fast and convenient access to their Windows desktops and applications through any device. Virtual desktops mean that rather than setting up hundreds or thousands of individual computers in an enterprise, companies can instead opt to create servers with large amounts of memory, disk, and processing resources, and use virtualization to offer these resources to end users. The result of this is that users are provided with an experience that appears to be identical to having an individual desktop PC. Each user has some disk space, processor time, and memory

allocated to them, as though it is present on their own physical machine, when in reality, the resources are physically present on a centralized server. This book starts by answering the basic questions you need to ask when considering XenDesktop, followed by methods of how you can properly size your server infrastructure for XenDesktop. You'll discover how to optimize the virtual machines used in XenDesktop, how to optimize your network for XenDesktop, and how to optimize the hypervisor and the cloud. You'll also learn how to monitor XenDesktop to maximize performance. By the end of the book, you will be able to plan, design, build, and deploy high performance XenDesktop Virtualization systems in enterprises. You will also know how to monitor and maintain your systems to ensure smooth operation. Style and approach This book is an all-inclusive guide that uncovers hidden and previously

unpublished performance improvement areas for any XenDesktop site.

VMware Horizon Suite - Stephane Asselin
2014

VMware® Horizon Suite The authoritative guide to delivering end-user services with VMware View and VMware Horizon Suite Today, IT professionals must manage stateless, mobile, streamed workspaces delivered across devices ranging from traditional PCs to tablets and smartphones. Using VMware View and VMware Horizon Suite, they can do so—providing flexible end-user services that support any business requirement cost effectively. Now there's a complete guide to planning, configuring, implementing, and integrating VMware Horizon Suite technologies and using them to deliver high-value end-user services in enterprise, managed, and cloud provider environments. This book's deep up-to-date technical content addresses considerations

ranging from architecture, deployment, and operations to user experience and support. It offers detailed guidance on integration with VMware View and key third-party technologies. Throughout, it fully reflects the newest VMware View releases, including VMware Horizon Mirage. Relevant, clear, and usable, VMware Horizon Suite contains step-by-step configuration examples, sample scenarios helping you choose the right technologies for your users' needs, and a complete end-user computing design checklist. Coverage includes • Understanding the new end-user service model and how VMware View and VMware Horizon address it • Mastering VMware View 6 and VMware Workspace 1.8 architectures • Leveraging proven installation and implementation techniques • Efficiently operating Connection, Security, and Transfer servers • Managing agents, clients, portals, composers, and personas •

Integrating VMware View and Workspace • Implementing operational best practices, such as desktop pools, user data management, and SaaS • Using VMware Mirage to manage desktop images more intelligently and provide a wider spectrum of end-user services • Delivering multimedia within a View desktop environment • Integrating Microsoft Lync with VMware View • Monitoring VMware View and optimizing its performance

Load Balancing 47 Success Secrets - 47 Most Asked Questions on Load

Balancing - What You Need to Know - Eugene Ellis 2013-07

There has never been a Load Balancing Guide like this. Load Balancing 47 Success Secrets is not about the ins and outs of Load Balancing. Instead, it answers the top 47 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 Load Balancing. A quick look inside of the subjects covered: What is the benefit of workload balancing on virtual machines? - Citrix Xen Server, What is a tunneling proxy? - Citrix Xen Server, Horizontal Scalability, What is load balancing? - Citrix Netscaler 9.0, What is Reassociation? - Certified Wireless Network Administrator (CWNA), Cloud Testing Tools and Service, Hypervisors, Benefits for Web Applications, How does OSPF work? - Citrix Certified Enterprise Administrator (CCEA) for XenApp, What are the two firewall environments supported by NetScaler? - Citrix Netscaler 9.0, Hector, Cloudbursting, How to make changes to configurations on a

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outperforming other types of cloud services, Virtualization, This is especially true for regulated industries seeking ITIL compliance, what reports are required by workload balancing? - Citrix Xen Server, Understanding Service Virtualization, Data Storage, What are the most common deployment configurations for workload balancing? - Citrix Xen Server, Server 2008 Virtualization Introduced in the Market, Why does DMVPN use IPsec, GRE tunnels and Next Hop resolution Protocols? - CCSP - Cisco Certified Security Professional, and much more...

[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!

Cloud Computing Security - John R. Vacca 2020-11-05

This handbook offers a comprehensive overview of cloud computing security technology and implementation while exploring practical solutions to a wide range of cloud computing security issues. As more organizations use cloud computing and cloud providers for data operations, the need for proper security in these and other potentially vulnerable areas has become a global priority for organizations of all sizes. Research efforts from academia and industry as conducted and reported by experts in all aspects of security related to cloud computing are gathered within one reference guide. Features

- Covers patching and configuration vulnerabilities of a cloud server
- Evaluates methods for data encryption and long-term storage in a cloud server
- Demonstrates how to verify identity using a certificate chain and how to detect

inappropriate changes to data or system configurations

John R. Vacca is an information technology consultant and internationally known author of more than 600 articles in the areas of advanced storage, computer security, and aerospace technology. John was also a configuration management specialist, computer specialist, and the computer security official (CSO) for NASA's space station program (Freedom) and the International Space Station Program from 1988 until his 1995 retirement from NASA.

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.

Cloud Computing Demystified for Aspiring Professionals - David Santana
2023-03-24

Gain in-depth knowledge of cloud computing concepts and apply them to accelerate your career in any cloud engineering role Key Features Get to grips with key cloud computing concepts, cloud service providers, and best practices Explore demonstrations for cloud computing models using real-world examples Adopt the self-paced learning strategy and get industry-

ready for cloud engineering roles Purchase of the print or Kindle book includes a free eBook in the PDF format Book Description If you want to upskill yourself in cloud computing domains to thrive in the IT industry, then you've come to the right place. Cloud Computing Demystified for Aspiring Professionals helps you to master cloud computing essentials and important technologies offered by cloud service providers needed to succeed in a cloud-centric job role. This book begins with an overview of transformation from traditional to modern-day cloud computing infrastructure, and various types and models of cloud computing. You'll learn how to implement secure virtual networks, virtual machines, and data warehouse resources including data lake services used in big data analytics — as well as when to use SQL and NoSQL databases and how to build microservices using multi-cloud

Kubernetes services across AWS, Microsoft Azure, and Google Cloud. You'll also get step-by-step demonstrations of infrastructure, platform, and software cloud services and optimization recommendations derived from certified industry experts using hands-on tutorials, self-assessment questions, and real-world case studies. By the end of this book, you'll be ready to successfully implement cloud computing standardized concepts, services, and best practices in your workplace. What you will learn Gain insights into cloud computing essentials and public, private, hybrid, and multi-cloud deployment models Explore core cloud computing services such as IaaS, PaaS, and SaaS Discover major public cloud providers such as AWS, Microsoft, and Google Unlock the power of IaaS, PaaS, and SaaS with AWS, Azure, and GCP Create secure networks, containers, Kubernetes, compute, databases, and API services on

cloud Develop industry-based cloud solutions using real-world examples Get recommendations on exam preparation for cloud accreditations Who this book is for The book is for aspiring cloud engineers, as well as college graduates, IT enthusiasts, and beginner-level cloud practitioners looking to get into cloud computing or transforming their career and upskilling themselves in a cloud engineering role in any industry. A basic understanding of networking, database development, and data analysis concepts and experience in programming languages such as Python and C# will help you get the most out of this book.

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 is it 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.

Virtual Reality in Education: Breakthroughs in Research and Practice - Management Association, Information Resources 2019-04-01
Modern technology has infiltrated many

facets of society, including educational environments. Through the use of virtual learning, educational systems can become more efficient at teaching the student population and break down cost and distance barriers to reach populations that traditionally could not afford a good education. Virtual Reality in Education: Breakthroughs in Research and Practice is an essential reference source on the uses of virtual reality in K-12 and higher education classrooms with a focus on pedagogical and instructional outcomes and strategies. Highlighting a range of pertinent topics such as immersive virtual learning environments, virtual laboratories, and distance education, this publication is an ideal reference source for pre-service and in-service teachers, school administrators, principles, higher education faculty, K-12 instructors, policymakers, and researchers interested in virtual reality incorporation in the

classroom.

Managing Microsoft Hybrid Clouds - Marcel van den Berg 2015-03-31

If you're an IT professional, manager, consultant, or architect who wants to learn about hybrid cloud computing using Azure, then this is the book for you.

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. Cloud Computing for Machine Learning and Cognitive Applications - Kai Hwang 2017-07-07

The first textbook to teach students how to build data analytic solutions on large data sets using cloud-based technologies. This is the first textbook to teach students how to build data analytic solutions on large data sets (specifically in Internet of Things applications) using cloud-based technologies for data storage, transmission and mashup, and AI techniques to analyze this data. This textbook is designed to train college students to master modern cloud computing systems in operating principles, architecture design, machine learning algorithms, programming models and software tools for big data mining, analytics,

and cognitive applications. The book will be suitable for use in one-semester computer science or electrical engineering courses on cloud computing, machine learning, cloud programming, cognitive computing, or big data science. The book will also be very useful as a reference for professionals who want to work in cloud computing and data science. Cloud and Cognitive Computing begins with two introductory chapters on fundamentals of cloud computing, data science, and adaptive computing that lay the foundation for the rest of the book. Subsequent chapters cover topics including cloud architecture, mashup services, virtual machines, Docker containers, mobile clouds, IoT and AI, inter-cloud mashups, and cloud performance and benchmarks, with a focus on Google's Brain Project, DeepMind, and X-Lab programs, IBKai HwangM SyNapse, Bluemix programs, cognitive initiatives, and neurocomputers. The book then covers

machine learning algorithms and cloud programming software tools and application development, applying the tools in machine learning, social media, deep learning, and cognitive applications. All cloud systems are illustrated with big data and cognitive application examples.

Consultants & Consulting Organizations Directory - Cengage Gale 2009-05-08

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
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.

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.

Euro-Par 2015: Parallel Processing Workshops - Sascha Hunold 2015-12-17

This book constitutes the thoroughly refereed post-conference proceedings of 12 workshops held at the 21st International Conference on Parallel and Distributed Computing, Euro-Par 2015, in Vienna, Austria, in August 2015. The 67 revised full papers presented were carefully reviewed and selected from 121 submissions. The volume includes papers from the following workshops: BigDataCloud: 4th Workshop on Big Data Management in Clouds - Euro-EDUPAR: First European Workshop on Parallel and Distributed Computing Education for Undergraduate Students - Hetero Par: 13th International Workshop on Algorithms, Models and Tools for Parallel Computing on Heterogeneous Platforms -

LSDVE: Third Workshop on Large Scale Distributed Virtual Environments - OMHI: 4th International Workshop on On-chip Memory Hierarchies and Interconnects - PADAPS: Third Workshop on Parallel and Distributed Agent-Based Simulations - PELGA: Workshop on Performance Engineering for Large-Scale Graph Analytics - REPPAR: Second International Workshop on Reproducibility in Parallel Computing - Resilience: 8th Workshop on Resiliency in High Performance Computing in Clusters, Clouds, and Grids - ROME: Third Workshop on Runtime and Operating Systems for the Many Core Era - UCHPC: 8th Workshop on UnConventional High Performance Computing - and VHPC: 10th Workshop on Virtualization in High-Performance Cloud Computing.

Citrix XenDesktop [Citrix XenDesktop & XenApp on Citrix Cloud](#)
 - 2014-03-25
 Citrix XenDesktop

OS
PC
XenDesktop 7
XenServer/Hyper-V/vSphere
IT

Implementing NetScaler VPX™ - Marius Sandbu 2015-10-23

Implement the new features of Citrix NetScaler 11 to optimize and deploy secure web services on multiple virtualization

platforms About This Book Learn how to design, set up, and deploy NetScaler VPX along with the new Jumbo frames in a virtual environment using your GUI as well as your CLI for both public and private clouds to make all your web applications faster and more secure Enrich your networking skills utilizing the new features of AAA by following the instructions to optimize network traffic A step-by-step guide that will show you how to work with the latest NetScaler, 11, by implementing its new features using sample scenarios and real-world examples Who This Book Is For This book is for Citrix administrators who are just getting started with NetScaler, have some basic networking skills This book does not require prior experience of NetScaler. What You Will Learn Configure different VPN solutions and learn about ICA Proxy, Unified Gateway and SSL VPN Set up load balancing for SharePoint, Exchange, Lync, SQL and

other Citrix components Gain insights into traffic management with NetScaler, Wireshark, and Citrix Insight Protect your web services with an application firewall, HTTP, DOS, and AAA Optimize traffic using front-end optimization, caching, and compression Deploy a high availability environment Use NetScaler in public cloud providers such as Azure or Amazon Advance your network knowledge of TCP and SSL optimization In Detail With a large demand for responsive websites and availability of services, IT administrators are faced with an ever-rising need for services that are optimized for speed. NetScaler VPX is a software-based virtual appliance that provides users with the comprehensive NetScaler feature set. Implementing apps and cloud-based services is much easier with its increased service performance and integrated security features. This book will give you an insight into all the new features

that NetScaler VPX™ has to offer. Starting off with the basics, you will learn how to set NetScaler up and configure it in a virtual environment including the new features available in version 11, such as unified gateway and portal theme customization. Next, the book will cover how to deploy NetScaler on Azure and Amazon, and you will also discover how to integrate it with an existing Citrix infrastructure. Next, you will venture into other topics such as load balancing Microsoft and Citrix solutions, configuring different forms of high availability Global Server Load Balancing (GSLB), and network optimization. You will also learn how to troubleshoot and analyze data using NetScaler's extensive array of features. Finally, you will discover how to protect web services using an application firewall and will get to grips with other features such as HTTP, DOS, and AAA. Style and approach This easy-to-follow guide is

full of detailed step-by step-instructions on how to implement the key components in NetScaler, using real-world examples and sample scenarios.

Cloud Migration - Hö 2012

Manager und Unternehmer, die über die Okonomisierung ihrer IT nachdenken müssen, sowie Leser, die mehr über die Cloud wissen, aber keine Spezialisten werden wollen, sollen in diesem Buch nützliche Informationen über die Möglichkeiten finden, die Cloud-Computing bieten kann. Technische, rechtliche, steuerliche, betriebswirtschaftliche, organisatorische und ökologische Aspekte beim Einsatz von Cloud-Services werden umfassend dargestellt, dazu werden praxisrelevante Vorschläge zur Anbietersauswahl und Zertifizierung gemacht sowie konkrete Fallstudien zu Cloud-Projekten präsentiert. Sechs Mastereditoren und 51 Autoren aus elf Ländern trugen

durch produktive und effiziente Zusammenarbeit zur Entstehung dieses Buches bei. Beteiligt waren Juristen, Steuerberater, Techniker, Betriebswirte, Unternehmensberater und eine Reihe von weiteren Personen, die für den mehrfachen Review und die Qualitätssicherung verantwortlich zeichneten.

Microsoft Virtualization Secrets - John Savill 2012-07-13

Unbeatable advice and expert tips for evaluating, designing, and deploying virtualization solutions If you're an IT professional, you know that virtualization is essential in today's computer infrastructures. This valuable reference is your key to all things Microsoft virtualization. Written by a Microsoft Most Valuable Professional (MVP), it breaks down all the various technologies, what they mean to your organization in terms of saving money and solving problems, and

how to design and deploy various solutions effectively. You'll find invaluable tips and information on such topics as Hyper-V, the changes that Windows 8 brings, private cloud scenarios, and more. Written by well-known 11-time Microsoft MVP, Windows expert, and Microsoft insider, John Savill Provides practical advice and expert insights on understanding, evaluating, designing, and deploying virtualization solutions Keeps you up to date with how Windows 8 and Windows Server "8" affect your virtualization processes Covers virtualization in all its forms--machine, application, and user Explores the private cloud and public cloud and what they mean to your organization Focuses on Microsoft solutions such as Hyper-V, but also delves into Citrix, Quest software, AppSense, and other Microsoft partner solutions Discusses bringing your own device requirements through VDI and session virtualization and

which one is right Features video demonstrations and walkthroughs of some processes Microsoft Virtualization Secrets is like having a built-in Microsoft expert on hand to help you avoid mistakes and save time!

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.

Hyper-V Security - Eric Siron 2014-12-26

Hyper-V Security is intended for administrators with a solid working knowledge of Hyper-V Server, Windows Server, and Active Directory. An administrator with a functional environment will be able to use the knowledge and examples present in this book to enhance security.

[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.

Securing the Cloud - Curtis Franklin Jr.
2019-03-29

This book provides solutions for securing important data stored in something as nebulous sounding as a cloud. A primer on

the concepts behind security and the cloud, it explains where and how to store data and what should be avoided at all costs. It presents the views and insight of the leading experts on the state of cloud computing security and its future. It also provides no-nonsense info on cloud security technologies and models. Securing the Cloud: Security Strategies for the Ubiquitous Data Center takes the position that cloud security is an extension of recognized, established security principles into cloud-based deployments. It explores how those principles can be put into practice to protect cloud-based infrastructure and data, traditional infrastructure, and hybrid architectures combining cloud and on-premises infrastructure. Cloud computing is evolving so rapidly that regulations and technology have not necessarily been able to keep pace. IT professionals are frequently left to force fit pre-existing solutions onto

new infrastructure and architectures for which they may be very poor fits. This book looks at how those "square peg/round hole" solutions are implemented and explains ways in which the pegs, the holes, or both may be adjusted for a more perfect fit.

Latency 35 Success Secrets - 35 Most Asked Questions on Latency - What You Need to Know - Ryan Sampson 2013-07

There has never been a latency Guide like this. latency 35 Success Secrets is not about the ins and outs of latency. Instead, it answers the top 35 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 latency. A quick look inside of the subjects covered: Managing High Availability (Critical) Networks, Classifications of Information, Analysis, Enterprise Data, Why is the use of repeater access points not recommended? - Citrix Certified Enterprise Administrator (CCEA) for XenApp, Managing High Availability (Critical) Networks, The Need for WiMax Backhaul Solutions, Communication Enabled Business Process (CEBP), What are the two queuing tools used by Cisco? - CCSP - Cisco Certified Security Professional, Subsequent Developments, Ceph employs three distinct kinds of daemons: , Cloud Introduction, Network Performance Management: Optimizing and Measurement of the Network, The WiMAX QoS Compared to Other Technologies, What is bridging used for? - Cisco Certified Entry Networking Technician, Which features can improve the connection speed and responsiveness in the

case of user experience in sessions? - Citrix XenDesktop 4, Can you configure multiple queues in LLQ as priority queues? - CCSP - Cisco Certified Security Professional, Network Devices, What does Use Source IP allow NetScaler to do? - Citrix Netscaler 9.0, When would you use Server push techniques? - Citrix Netscaler 9.0, Say Hello to Cloud Management, How do you determine the level of service required for specific applications and protocols? - CCSP - Cisco Certified Security Professional, What is the Technology Architecture Phase? - TOGAF 9 Certification Exam, Say hello to Cloud Management, History, Types of Testing, Behavioral Biometrics, Parallel Virtual File System, What are the benefits of hierarchical network models? - CCNP - Cisco Certified Network Professional, Data Storage, Cloud Storage Gateway, Share your Data Under Co-location Service Level Agreement, Design, Network Addressing,

Why is USB support necessary for a XenDesktop session? - Citrix XenDesktop 4, and much 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.