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KEY=COURSE - KAMREN RAMOS

GETTING STARTED WITH XENDESKTOP® 7.X

[Packt Publishing Ltd](#) **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.**

CITRIX XENDESKTOP & XENAPP 7.7/7.8

PLAN-BUILD-RUN REFERENCE GUIDE

[BoD - Books on Demand](#) **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® XENDESKTOP® 7 COOKBOOK

[Packt Publishing Ltd](#) **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).**

CITRIX XENAPP® 7.5 DESKTOP VIRTUALIZATION SOLUTIONS

[Packt Publishing Ltd](#) **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.**

CITRIX XENDESKTOP® COOKBOOK

[Packt Publishing Ltd](#) **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.

27TH EUROPEAN SYMPOSIUM ON COMPUTER AIDED PROCESS ENGINEERING

[Elsevier](#) 27th European Symposium on Computer Aided Process Engineering, Volume 40 contains the papers presented at the 27th European Society of Computer-Aided Process Engineering (ESCAPE) event held in Barcelona, October 1-5, 2017. It is a valuable resource for chemical engineers, chemical process engineers, researchers in industry and academia, students, and consultants for chemical industries. Presents findings and discussions from the 27th European Society of Computer-Aided Process Engineering (ESCAPE) event

CITRIX XENDESKTOP IMPLEMENTATION

A PRACTICAL GUIDE FOR IT PROFESSIONALS

[Elsevier](#) 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

CLOUD REVOLUTION

[Lulu.com](#) 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.

MASTERING CITRIX® XENDESKTOP®

[Packt Publishing Ltd](#) 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.

FUJITSU TECHNOLOGY AND SERVICE VISION 2014

CASE STUDIES AND SERVICES, PRODUCTS AND SOLUTIONS

[Fujitsu Limited](#) The Fujitsu Technology and Service Vision outline our thought on how ICT will contribute to transforming business and society. To achieve our vision of a Human Centric Intelligent Society, Fujitsu has systematically articulated innovation scenarios for business and society through concepts of technologies and services embodied by the lineup of our offerings.

GETTING STARTED WITH CITRIX XENAPP 6.5

[Packt Publishing Ltd](#) Design and implement Citrix farms based on XenApp 6.5.

INSTANT CITRIX XENDESKTOP 5 STARTER

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

THE REAL CITRIX CCA EXAM PREPARATION KIT

PREPARE FOR XENAPP 5.0

[Syngress](#) 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

HYPER-V SECURITY

[Packt Publishing Ltd](#) 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.

LEARNING VMWARE APP VOLUMES

[Packt Publishing Ltd](#) Deliver applications to virtual desktop environments in seconds and at scale with the click of a button About This Book Learn how can you deliver a great user experience and drive down storage and management costs Discover hidden gems to deliver applications to virtual desktop environments in seconds This book will help you fully utilize the true potential of VMware App Volumes and design and build a complete production environment Who This Book Is For This book is for administrators and IT teams who would like to take full advantage of App Volumes to deal with application workloads. It will also be useful for virtualization professionals and teams who are working on VDI deployments and VMware end user computing solutions. What You Will Learn Find out how the VMware App Volumes solution can enhance the management and delivery of applications in your desktop environment Design a real-life App Volumes solution using best practices and following the recommended sizing guides Install, configure, and deploy App Volumes so it is ready to start delivering applications Create and prepare applications ready to be delivered to end users Discover how App Volumes can enhance other desktop solutions by looking at how it integrates with VMware Horizon View, VMware ThinApp, RDSH, and Citrix XenDesktop/XenApp Understand how to configure the advanced options within App Volumes In Detail App Volumes provides a virtualized, real-time application delivery engine for virtual desktop infrastructure and is designed to enable VDI deployments to ensure greater flexibility, agility, and cost reduction. This book starts with an in-depth overview of the architecture and components used to design an optimized solution. We then show you how to install and configure App Volumes for different use cases such as VMware View integration, using VMware ThinApp, Citrix XenApp, and more. Throughout the chapters, we provide hints, tips, and tricks as well as best practices. By the end of the book, you will have built a working App Volumes environment and acquired the skills to build and run a production environment. Style and approach This book comprises of the theoretical explanations that will help you perform a complete App Volumes deployment through step-by-step instructions

OPENSTACK: BUILDING A CLOUD ENVIRONMENT

[Packt Publishing Ltd](#) 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!

TROUBLESHOOTING CITRIX XENDESKTOP®

[Packt Publishing Ltd](#) 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.

XENSERVER ADMINISTRATION HANDBOOK

PRACTICAL RECIPES FOR SUCCESSFUL DEPLOYMENTS

"O'Reilly Media, Inc." Packed with practical advice, this hands-on guide provides valuable information you need to most effectively optimize and manage the XenServer open source virtualization platform. Whether you run a modest installation of a few blades or multiple global enterprise datacenters, this book focuses on the most critical issues you're likely to encounter when designing a XenServer deployment and helps you handle day-to-day management tasks. Tim Mackey and J.K. Benedict from Citrix Systems, the company that manages XenServer, show you how to design a deployment through best practices, deployment blueprints, and installation guidelines. The book's second part features concise, easy-to-implement recipes for day-to-day management, such as user rights, backup strategies, and hardware maintenance. Learn precisely what makes a XenServer work, and how it can host 1000 virtual machines. Explore the core components of a production XenServer environment. Investigate several options on how and where to install XenServer. Examine several factors for "right sizing" your XenServer deployment to fit your needs. Work with a decision tree to optimize your XenServer deployment design. Understand how to accommodate guest VM virtualization modes. Use recipes that help you plan for, obtain, and apply XenServer upgrades.

IMPLEMENTING AND DEVELOPING CLOUD COMPUTING APPLICATIONS

CRC Press 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, Implemente

BUSINESS PERIODICALS INDEX

WEB CONTENT DELIVERY

Springer Science & Business Media The concept of content delivery (also known as content distribution) is becoming increasingly important due to rapidly growing demands for efficient distribution and fast access of information in the Internet. Content delivery is very broad and comprehensive in that the contents for distribution cover a wide range of types with significantly different characteristics and performance concerns, including HTML documents, images, multimedia streams, database tables, and dynamically generated contents. Moreover, to facilitate ubiquitous information access, the network architectures and hardware devices also vary widely. They range from broadband wired/fixed networks to bandwidth-constrained wireless/mobile networks, and from powerful workstations/PCs to personal digital assistants (PDAs) and cellular phones with limited processing and display capabilities. All these levels of diversity are introducing numerous challenges on content delivery technologies. It is desirable to deliver contents in their best quality based on the nature of the contents, network connections and client devices. This book aims at providing a snapshot of the state-of-the-art research and development activities on web content delivery and laying the foundations for future web applications. The book focuses on four main areas: (1) web content delivery; (2) dynamic web content; (3) streaming media delivery; and (4) ubiquitous web access. It consists of 17 chapters written by leading experts in the field. The book is designed for a professional audience including academic researchers and industrial practitioners who are interested in the most recent research and development activities on web content delivery.

MASTERING XENAPP®

Packt Publishing Ltd 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 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 HYPER-V POWERSHELL AUTOMATION

[Packt Publishing Ltd](#) This book is great for administrators who are new to automating Hyper-V administration tasks using PowerShell. If you are familiar with the PowerShell command line and have some experience with the Windows Server, this book is perfect for you.

THE ENTERPRISE CLOUD

BEST PRACTICES FOR TRANSFORMING LEGACY IT

["O'Reilly Media, Inc."](#) Despite the buzz surrounding the cloud computing, only a small percentage of organizations have actually deployed this new style of IT—so far. If you're planning your long-term cloud strategy, this practical book provides insider knowledge and actionable real-world lessons regarding planning, design, operations, security, and application transformation. This book teaches business and technology managers how to transition their organization's traditional IT to cloud computing. Rather than yet another book trying to sell or convince readers on the benefits of clouds, this book provides guidance, lessons learned, and best practices on how to design, deploy, operate, and secure an enterprise cloud based on real-world experience. Author James Bond provides useful guidance and best-practice checklists based on his field experience with real customers and cloud providers. You'll view cloud services from the perspective of a consumer and as an owner/operator of an enterprise private or hybrid cloud, and learn valuable lessons from successful and less-than-successful organization use-case scenarios. This is the information every CIO needs in order to make the business and technical decisions to finally execute on their journey to cloud computing. Get updated trends and definitions in cloud computing, deployment models, and for building or buying cloud services Discover challenges in cloud operations and management not foreseen by early adopters Use real-world lessons to plan and build an enterprise private or hybrid cloud Learn how to assess, port, and migrate legacy applications to the cloud Identify security threats and vulnerabilities unique to the cloud Employ a cloud management system for your enterprise (private or multi-provider hybrid) cloud ecosystem Understand the challenges for becoming an IT service broker leveraging the power of the cloud

BE A CITRIX HERO

[Lulu.com](#)

GETTING STARTED WITH POWERSHELL

[Packt Publishing Ltd](#) Learn the fundamentals of PowerShell to build reusable scripts and functions to automate administrative tasks with Windows About This Book Harness the capabilities of the PowerShell system to get started quickly with server automation Learn to package commands into a reusable script and add control structures and parameters to make them flexible Get to grips with cmdlets that allow you to perform administration tasks efficiently Who This Book Is For This book is intended for Windows administrators or DevOps users who need to use PowerShell to automate tasks. Whether you know nothing about PowerShell or know just enough to get by, this guide will give you what you need to go to take your scripting to the next level. What You Will Learn Learn to verify your installed version of PowerShell, upgrade it, and start a PowerShell session using the ISE Discover PowerShell commands and cmdlets and understand PowerShell formatting Use the PowerShell help system to understand what particular cmdlets do Utilise the pipeline to perform typical data manipulation Package your code in scripts, functions, and modules Solve common problems using basic file input/output functions Find system information with WMI and CIM Automate IIS functionality and manage it using the WebAdministration module In Detail Windows PowerShell is a task-based command-line shell and scripting language designed specifically for system administration. Built on the .NET Framework, Windows PowerShell helps IT professionals and power users control and automate the administration of the Windows operating system and applications that run on Windows. PowerShell is great for batch importing or deleting large sets of user accounts and will let you collect a massive amount of detailed system information in bulk via WMI (Windows Management Instrumentation). Getting Started with PowerShell is designed to help you get up and running with PowerShell, taking you from the basics of installation, to writing scripts and web server automation. This book, as an introduction to the central topics of PowerShell, covers finding and understanding PowerShell commands and packaging code for reusability, right through to a practical example of automating IIS. It also includes topics such as installation and setup, creating scripts, automating tasks, and using Powershell to access data stores, registry, and file systems. You will explore the PowerShell environment and discover how to use cmdlets, functions, and scripts to automate Windows systems. Along the way, you will learn to perform data manipulation and solve common problems using basic file input/output functions. By the end of this book, you will be familiar with PowerShell and be able to utilize the lessons learned from the book to automate your servers. **Style and approach** A practical learning guide, complete with plenty of activities, examples and screenshots.

VMWARE VIEW 5

BUILDING A SUCCESSFUL VIRTUAL DESKTOP

Prentice Hall **VMware View 5 for the Desktop DELIVER HIGH-VALUE VIRTUAL DESKTOP INFRASTRUCTURE AND A SUPERIOR USER EXPERIENCE** Companies that have already realized the benefits of VMware server virtualization are now discovering that VMware View 5 offers equally powerful opportunities on the client side. VMware View 5 is a comprehensive enterprise-class solution. But, until now, crucial information about it has been scattered throughout dozens of technical documents. In *VMware View 5*, leading desktop virtualization expert Paul O'Doherty combines this critical information with deep insights and best practices from his extensive enterprise deployment experience. O'Doherty walks through every step, from the earliest planning phases through configuration, implementation, and management. He addresses important considerations ranging from changes to end-user experience through support and performance management. You'll learn how to plan and smoothly stage virtual desktop infrastructure deployments, and avoid pitfalls associated with latency, scalability, storage, and networking. Whether you're an architect, system administrator, or virtualization consultant, this guide's proven techniques can help you dramatically improve IT productivity as you build environments that are far more flexible and easier to manage.

XENDESKTOP & XENAPP 7.6

CITRIX PLANUNG-IMPLEMENTIERUNG-BETRIEB

BoD - Books on Demand **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.**

VMWARE HORIZON SUITE

BUILDING END-USER SERVICES

VMWare Press **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

VMWARE VSPHERE POWERCLI REFERENCE

AUTOMATING VSPHERE ADMINISTRATION

John Wiley & Sons **Your One-Stop Reference for VMware vSphere Automation** If you manage vSphere in a Windows environment, automating routine tasks can save you time and increase efficiency. VMware vSphere PowerCLI is a set of pre-built commands based on Windows PowerShell that is designed to help you automate vSphere processes involving virtual machines, datacenters, storage, networks, and more. This detailed guide—using a practical, task-based approach and real-world examples—shows you how to get the most out of PowerCLI's handy cmdlets. Learn how to: Automate vCenter Server and ESX/ESX(i) Server deployment and configuration Create and configure virtual machines and use vApps Secure, back up, and restore your virtual machines Monitor, audit, and report the status of your vSphere environment Use the PowerCLI SDK, PowerWF Studio, and vEcoShell Schedule and view automation Add a GUI front end to your scripts

OPENSTACK TROVE ESSENTIALS

Packt Publishing Ltd **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.

MASTERING CLOUD COMPUTING

FOUNDATIONS AND APPLICATIONS PROGRAMMING

Newnes **Mastering Cloud Computing** is designed for undergraduate students learning to develop cloud computing applications. Tomorrow's applications won't live on a single computer but will be deployed from and reside on a virtual server, accessible anywhere, any time. Tomorrow's application developers need to understand the requirements of building apps for these virtual systems, including concurrent programming, high-performance computing, and data-intensive systems. The book introduces the principles of distributed and parallel computing underlying cloud architectures and specifically focuses on virtualization, thread programming, task programming, and map-reduce programming. There are examples demonstrating all of these and more, with exercises and labs throughout. Explains how to make design choices and tradeoffs to consider when building applications to run in a virtual cloud environment Real-world case studies include scientific, business, and energy-efficiency considerations

THE VDI DELUSION

WHY DESKTOP VIRTUALIZATION FAILED TO LIVE UP TO THE HYPE, AND WHAT THE FUTURE ENTERPRISE DESKTOP WILL REALLY LOOK LIKE

This book recounts the original promise of VDI (virtual desktop infrastructure) and why the reality fell short. It shows how to step back and figure out what problems we're really trying to solve, including when it makes sense to use desktop virtualization and VDI and when to stay with traditional desktops, and closes with a look at the world beyond Windows and what real steps we can take today to create the future enterprise desktop.

CITRIX® XENAPP® 6.5 EXPERT COOKBOOK

Packt Publishing Ltd 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.

MANAGEMENT INFORMATION SYSTEMS

MANAGING THE DIGITAL FIRM

Pearson Educación **Management Information Systems** provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases.

DATA SCIENCE

4TH INTERNATIONAL CONFERENCE OF PIONEERING COMPUTER SCIENTISTS, ENGINEERS AND EDUCATORS, ICPCSEE 2018, ZHENGZHOU, CHINA, SEPTEMBER 21-23, 2018, PROCEEDINGS, PART I

[Springer](#) This two volume set (CCIS 901 and 902) constitutes the refereed proceedings of the 4th International Conference of Pioneering Computer Scientists, Engineers and Educators, ICPCSEE 2018 (originally ICYCSEE) held in Zhengzhou, China, in September 2018. The 125 revised full papers presented in these two volumes were carefully reviewed and selected from 1057 submissions. The papers cover a wide range of topics related to basic theory and techniques for data science including mathematical issues in data science, computational theory for data science, big data management and applications, data quality and data preparation, evaluation and measurement in data science, data visualization, big data mining and knowledge management, infrastructure for data science, machine learning for data science, data security and privacy, applications of data science, case study of data science, multimedia data management and analysis, data-driven scientific research, data-driven bioinformatics, data-driven healthcare, data-driven management, data-driven eGovernment, data-driven smart city/planet, data marketing and economics, social media and recommendation systems, data-driven security, data-driven business model innovation, social and/or organizational impacts of data science.

IMPLEMENTING CITRIX XENDESKTOP ON IBM FLEX SYSTEM

The IBM SmartCloud Desktop Infrastructure offers robust, cost-effective, and manageable virtual desktop solutions for a wide range of clients, user types, and industry segments. These solutions help to increase business flexibility and staff productivity, reduce IT complexity, and simplify security and compliance. Based on a reference architecture approach, this infrastructure supports various hardware, software, and hypervisor platforms. The SmartCloud Desktop Infrastructure solution with Citrix XenDesktop running on IBM Flex System offers tailored solutions for every business, from the affordable all-in-one Citrix VDI-in-a-Box for simple IT organizations to the enterprise-wide Citrix XenDesktop. XenDesktop is a comprehensive desktop virtualization solution with multiple delivery models that is optimized for flexibility and cost-efficiency. This IBM Redbooks publication provides an overview of the SmartCloud Desktop Infrastructure solution, which is based on Citrix XenDesktop running on IBM Flex System. It also provides planning and deployment considerations, and step-by-step instructions about how to perform specific tasks. This book is intended for IT professionals who are involved in the planning, design, deployment, and management of the IBM SmartCloud' Desktop Infrastructure built on IBM Flex System running Citrix XenDesktop. --

VMWARE VIEW 5 DESKTOP VIRTUALIZATION SOLUTIONS

[Packt Publishing Ltd](#) A complete guide to planning and designing solutions based on VMware View 5.

VCP-DCV OFFICIAL CERT GUIDE

[Vmware Press Certification](#) VCP-DCV Official Cert Guide, Fourth Edition helps you systematically prepare for your VCP-DCV 2019 exam by mastering all key exam objectives associated with vSphere v.6.7. Thoroughly updated for VMware's 2019 exam changes, it offers an exceptionally well-organized and efficient test-preparation system based on proven series elements and techniques. Chapter-opening Do I Know This Already? quizzes help you decide how much time you need to spend on each section, exam topic lists make referencing easy, and chapter-ending Exam Preparation Tasks help you drill on the key concepts you must know thoroughly. The companion website contains a powerful Pearson IT Certification Practice Test engine that enables you to focus on individual topic areas or take a complete, timed exam. The assessment engine tracks your performance and provides feedback on a module-by-module basis, laying out a complete assessment of your knowledge to help you focus your study where it is needed most. Leading VMware consultants, trainers, and data center experts John A. Davis, Steve Baca, and Owen Thomas share preparation hints and test-taking tips, helping you identify areas of weakness and improve conceptual knowledge and hands-on skills. Material is presented concisely, focusing on promoting understanding and retention. Coverage includes: vSphere prerequisites Storage and network infrastructure (physical and virtual) vCenter Server features Clusters and virtual machines VMware product integration High availability solutions Securing vSphere Planning and performing vSphere installations Configuring vSphere (SSO and Virtual Networking) Monitoring resources VM configuration and performance Managing networking, storage, security, clusters, resources, vCenter Server, and VMs Well regarded for its detail, assessment features, comprehensive scenarios, and challenging review questions and exercises, this official study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time.

PERFORMANCE EVALUATION: ORIGINS AND DIRECTIONS

[Springer](#) This monograph-like state-of-the-art survey presents the history, the key ideas, the success stories, and future challenges of performance evaluation and demonstrates the impact of performance evaluation on a variety of different areas through case studies in a coherent and comprehensive way. Leading researchers in the field have contributed 19 cross-reviewed topical chapters competently covering the whole range of performance evaluation, from theoretical and methodological issues to applications in numerous other fields. Additionally, the book contains one contribution on the role of performance evaluation in industry and personal accounts of four pioneering researchers describing the genesis of breakthrough results. The book will become a valuable source of reference and indispensable reading for anybody active or interested in performance evaluation.