

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.

Everyone feels the pain of too many passwords to remember. Everyone can relate to the security exposure of weak passwords, chosen for convenience. And, everyone can relate to passwords placed in proximity to the workstation for a quick reminder. Unfortunately, that note can allow more than the intended user into the system and network. The average user today often has four or more passwords. And, security policies that focus on password complexity and password-change frequency can cause even more difficulty for users. This IBM® Redbooks® publication introduces IBM Security Access Manager for Enterprise Single Sign-On 8.2, which provides single sign-on to many applications, without a lengthy and complex implementation effort. Whether you are deploying strong authentication, implementing an enterprise-wide identity management initiative, or simply focusing on the sign-on challenges of a specific group of users, this solution can deliver the efficiencies and security that come with a well-crafted and comprehensive single sign-on solution. This book is a valuable resource for security officers, administrators, and architects who want to understand and implement an identity management solution in a medium-scale environment. This book is an update to the existing SG24-7350-01. IMPORTANT: Please note that in the latest version of SAM ESSO, the following two capabilities described in this SAM ESSO Redbooks publication have been removed: -Virtual appliance support -Mobile (iPad) support

Over 40 engaging recipes that will help you implement a full-featured XenDesktop® 7.6 architecture and its main satellite componentsAbout 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 PlaceCast approachWho This Book Is ForIf 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) architectureIn DetailIn 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 optimise 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 approachThis 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.

The Ready Citrix CCA Exam Preparation Kit A Practical Guide For IT Professionals Mastering Citrix XenDesktop Mastering Citrix® XenDesktop® Exam SYO-201 3E Design, Operations, and Infrastructure

Shared storage. Which features are most important? What is the status of your address point layer? Which applications do you run in your virtual server environment? How does the application work? What is the difference between XenServer and the open source Xen Project™ Hypervisor? Defining, designing, creating, and implementing a process to solve a challenge or meet an objective is the most valuable role... In EVERY group, company, organization and department. Unless you are talking a one-time, single-use project, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc. ... they are the people who rule the future. They are the person who asks the right questions to make Citrix investments work better. This Citrix All-Inclusive Self-Assessment enables You to be that person. All the tools you need to an in-depth Citrix Self-Assessment. Featuring 912 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which Citrix improvements can be made. In using the questions you will be better able to: - diagnose Citrix projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Citrix and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Citrix Scorecard, you will develop a clear picture of which Citrix areas need attention. Your purchase includes access details to the Citrix self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Citrix XenServer Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

Is there an upgrade path from XenServer Express to XenServer Standard? What does the administrator need to do to recover the host? If the hosting solution utilizes virtual servers/services are the virtual servers/services on dedicated hardware or on a shared platform? What if you deployed a microservice per physical server or per virtual machine? What is xapi, what does it do, is it the same as the XenAPI? Defining, designing, creating, and implementing a process to solve a challenge or meet an objective is the most valuable role... In EVERY group, company, organization and department. Unless you are talking a one-time, single-use project, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc. ... they are the people who rule the future. They are the person who asks the right questions to make Citrix investments work better. This Citrix All-Inclusive Self-Assessment enables You to be that person. All the tools you need to an in-depth Citrix Self-Assessment. Featuring 954 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which Citrix XenServer improvements can be made. In using the questions you will be better able to: - diagnose Citrix XenServer projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Citrix XenServer and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Citrix XenServer Scorecard, you will develop a clear picture of which Citrix XenServer areas need attention. Your purchase includes access details to the Citrix XenServer self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Citrix XenDesktop Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

What you will be able to do next: - Diagnose Citrix XenServer projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - Implement evidence-based best practice strategies aligned with overall goals - Integrate recent advances in Citrix XenServer and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Citrix XenServer Scorecard, you will develop a clear picture of which Citrix XenServer areas need attention. Your purchase includes access details to the Citrix XenServer self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Citrix XenDesktop Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

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Citrix MetaFrame XP Getting Started with Citrix XenApp(r) 7.6 Citrix XenDesktop Cookbook Third Edition Plan-Build-Run Reference Guide Citrix® XenApp® 7.x Performance Essentials Citrix XenApp A Complete Guide - 2020 Edition Mastering Citrix® XenDesktop®Packt Publishing Ltd

Citrix's application server software and services add functionality to Microsoft servers to maintain and manage applications remotely. This guide aims to define the strategies and frameworks for the successful design and implementation of Terminal Service and MetaFrame.

Step-by-step guide to designing, deploying and managing VMware App Volumes. DESCRIPTION Delivering applications within a virtual desktop environment has always proven to be a challenge given the stateless nature in which virtual desktops are deployed. How can organizations deliver applications each time an end user logs in to his or her desktop given that the desktop they just logged in to has been created as a brand-new machine and basically has nothing installed on it? App Volumes delivers applications in real-time to virtual desktop machines, enabling VDI deployments to return even greater flexibility, agility and cost reduction. Enterprises can fully utilize the stateless virtual desktop model in all use VDI uses cases. For users such as developers who required a persistent, fully-stateful virtual desktop machine of their own, they too can take advantage of the advantages of a stateless virtual desktop model enabling better return on investment as well as centralised application delivery. This book will guide you on a journey of how to deploy an App Volumes environment, with easy-to-follow step by step instructions with real-life screenshots based on a test lab environment that you can build as you go. The book starts with an overview of what App Volumes delivers and the challenges it resolves. From there, we will start to explore the architecture and components that make up the solution, concentrating on how to design and plan your own environment. Once you have understood the technology and use cases, then it's time to start installing and configuring the App Volumes software. Once installed we can then start to look more closely at the core components to the App Volumes solution and how to build your application layers. As part of this, we will also cover some of the more advanced management tasks for managing the environment. Once you have built the core environment and created some examples of application layers, we will then look at how to integrate App Volumes with some of the other EUC technologies that are available in the market such as VMware ThinApp, Microsoft RDSH, Citrix XenApp (Citrix Virtual Apps), and Citrix XenDesktop (Citrix Virtual Desktop).

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

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. Designing and deploying VMware App Volumes Advanced Technical Design Guide Citrix XenServer A Complete Guide - 2020 Edition

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.

CompTIA Security+ Certification Study Guide: Exam SYO-201, Third Edition, offers a practical guide for those interested in pursuing CompTIA Security+ certification. The book is organized into six parts. Part 1 deals with general security issues including security threats; hardware and peripheral security risks; the fundamentals of operating system (OS) hardening; implementing system security applications; and concepts of virtualization. Part 2 discusses the fundamentals of network security. Part 3 focuses on network access and network authentication. Part 4 explains the importance of risk assessments and risk mitigation, and how to conduct them. Part 5 reviews general cryptographic concepts and addresses the complex issues involved in planning a certificate-based public key infrastructure (PKI). Part 6 on organizational security discusses redundancy planning, environmental controls; implementing disaster recovery and incident response procedures; and the policies, procedures, and documentation upon which organizational computer security is based. Each chapter begins with Exam Objectives and concludes with Self-Test questions along with their corresponding answers. *Complete exam-prep package includes full coverage of new Security+ objectives, flash cards, cram sheets, MP3s for exam-day study, PPT presentations, two complete practice exams, and certification e-book library * Authored by a leading Microsoft security expert * A good reference for both beginning security professionals and seasoned IT professionals.

Implementing Citrix XenServer Quick Starter is a practical, hands-on guide that will help you get started with the Citrix XenServer Virtualization technology with easy-to-follow instructions.Implementing Citrix XenServer Quick Starter is for system administrators who have little to no information on virtualization and specifically Citrix XenServer Virtualization. If you're managing a lot of physical servers and are tired of installing, deploying, updating, and managing physical machines on a daily basis over and over again, then you should probably explore your option of XenServer Virtualization. This book will be your best friend to make you a better systems engineer.

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.