

Vmware Horizon View 6 Desktop Virtualization Cookbook

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VMware Horizon View High Availability - Andrew Alloway
2015-11-20

Design, develop and deploy a highly available vSphere environment for VMware Horizon View About This Book Enhance your capability of meeting various Service Level Agreements in VMware Horizon View Get acquainted

through all the necessary considerations for building a View environment Cover VMware High Availability hurdle by hurdle along with the checklists for verification of the environment being ready for production Who This Book Is For If you manage, plan or deploy VMware Horizon View or are looking for tips for best

practices and configuration details this book is for you. This book is intended for administrators who design and deploy VMware Horizon View or administrators who are looking for ways to improve their existing View environment. What You Will Learn Install and configure a VMware Horizon View Connection Server and redundant pair Discover the networking requirements for View and learn how to build redundancy into your network Analyze each of the View user pool types and how each one can be made highly available and survivable. Get to know about storage protocols such as NFS, iSCSI and Fibre Channel Deploy Virtual SAN, and find out how to effectively couple Virtual SAN with View Learn about View monitoring tools to allow fast responses to various crises Plan, analyze and upgrade VMware Horizon View Analyze network services required for VMware Horizon View and build them in a redundant manner In Detail The increasing movement to

virtualize workloads and workstations has put VMware Horizon View into a central mission critical role in many environments. Administrators may be overwhelmed with planning for outages and dealing with failure scenarios. It's easy to miss small details that will result in outages down the road. Following VMware Horizon View best practices and planning ahead with network infrastructure will allow you to avoid these common pit falls. This book will walk you through the setup and configuration of View in a highly available configuration. It will provide you with the skills to analyze and deploy configurations that can stand up to rigorous failure standards. The book starts with deploying and basic configuration of VMware Horizon View in a redundant setup, then moves on to cover high availability for networking, fibre channel, NFS, and iSCSI. We finish this book with monitoring and upgrade planning. At the end we also learn about

maintaining the uptime and minimizing the downtime that can be caused due to various factors. Each topic comes with a list of best practices and failure scenarios to test. Administrators will learn the intricacies of protecting a View environment. Style and approach This book provides configuration and installation steps for administration and installation of a Horizon View server. It includes high-level overviews of any protocols, services used by Horizon View, and best practices and high availability checklists for each chapter.

VMware Horizon View Essentials - Peter von Oven
2014-10-27

If you are a desktop administrator or an end user of a computing project team looking to speed up to the latest VMware Horizon View solution, then this book is perfect for you. It is your ideal companion to deploy a solution to centrally manage and virtualize your desktop estate using Horizon View 6.0.

Application Layering with

VMware App Volumes - Peter von Oven
2019-11-13

Step-by-step guide to designing, deploying and managing VMware App Volumes DESCRIPTION Delivering applications within a virtual desktop environment has always proven to be a challenge given the stateless nature in which virtual desktops are deployed. How can organizations deliver applications each time an end user logs in to his or her desktop given that the desktop they just logged in to has been created as a brand-new machine and basically has nothing installed on it? App Volumes delivers applications in real-time to virtual desktop machines, enabling VDI deployments to return even greater flexibility, agility and cost reduction. Enterprises can fully utilize the stateless virtual desktop model in all use VDI uses cases. For users such as developers who required a persistent, fully-stateful virtual desktop machine of their own, they too can take advantage of the advantages of a stateless

virtual desktop model enabling better return on investment as well as centralised application delivery. This book will guide you on a journey of how to deploy an App Volumes environment, with easy-to-follow step by step instructions with real-life screenshots based on a test lab environment that you can build as you go. The book starts with an overview of what App Volumes delivers and the challenges it resolves. From there, we will start to explore the architecture and components that make up the solution, concentrating on how to design and plan your own environment. Once you have understood the technology and use cases, then it's time to start installing and configuring the App Volumes software. Once installed we can then start to look more closely at the core components to the App Volumes solution and how to build your application layers. As part of this, we will also cover some of the more advanced management tasks for managing the environment. Once you have built the core

environment and created some examples of application layers, we will then look at how to integrate App Volumes with some of the other EUC technologies that are available in the market such as VMware ThinApp, Microsoft RDSH, Citrix XenApp (Citrix Virtual Apps), and Citrix XenDesktop (Citrix Virtual Desktop). Throughout this book we will provide you with useful hints and tips, along with best practices, all based on experience of deploying App Volumes within the Enterprise. At the end of the journey, you will have built a complete working App Volumes environment and will have acquired the skills and knowledge to deploy your own production environment. KEY FEATURES Understanding the concept of application layering App Volumes architecture overview Installing App Volumes Working with App Volumes, App Stacks and Writeable Volumes Integration with VDI, app publishing, and desktop publishing solutions Advanced configuration and

management WHAT WILL YOU LEARN This book will enable you to learn about how to deliver real-time applications using VMware App Volumes. You will start by learning about the architecture of the solution, the use cases, and what benefits it delivers. Following the introduction, you will learn how to install the App Volumes software, how to configure it and then how to create your application layers to ready them for delivery to end users. Finally, you will learn how App Volumes integrate into not only other VMware EUC technologies, but also some of the market-leading third-party solutions from Citrix and Microsoft. WHO THIS BOOK IS FOR This book is designed for virtual desktop administrators and architects who are looking to design and deploy a solution that can deliver applications on-demand to end users who are using virtual desktop machines. App Volumes enables them to move to a stateless VDI model which is both more cost effective and easier to manage. To

understand the concepts and technology used in this book you will need to have a good working knowledge of the Microsoft Windows operating systems for both desktops (namely virtual desktops) and servers (used for installing App Volumes and other functions such as AD, file sharing, and RDSH). You will also need experience in managing and administering a vSphere environment used to host the solution. As App Volumes is all about delivering applications, you should have a good working knowledge of Windows app delivery methodologies as well as publishing apps using Microsoft RDSH. This book will guide you through the complete process, step-by-step, in building an App Volumes environment. Table of Contents
1. Introduction to app layering & VMware App Volumes
2. Installing VMware App Volumes
3. Getting familiar with the Management Console
4. Creating & Configuring AppStacks
5. Creating & Configuring Writable Volumes
6. Advanced Configuration
7.

App Volumes & JMP 8. Delivering AppStacks with Citrix XenDesktop 9. Delivering App Volumes with Microsoft RemoteApp 10. Delivering App Volumes with Citrix XenApp 11. Delivering AppStacks with Horizon Apps 12. Delivering ThinApp apps with App Volumes

VMware vCenter Cookbook - Konstantin Kuminsky
2015-05-30

If you are a system administrator who has some experience with virtualization and already uses VMware vCenter, but wishes to learn more, then this is the book for you. If you are looking for tips or shortcuts for common administration tasks as well as workarounds for pain points in vSphere administration, you'll find this guide useful.

Implementing VMware

Horizon 7 - Jason Ventresco
2016-06-29

A comprehensive, practical guide to accessing virtual desktops, applications, and services through a unified platform About This Book This is the first book on the market

that delivers desktops and applications through a single Virtual Desktop Infrastructure platform Reduce enterprise costs by dynamically allocating resources with virtual storage, compute and networking This comprehensive guide provides simplified operations, improved security, and accelerated time-to-value using VMware Horizon 7 Who This Book Is For If you are a newcomer to system administration, and you wish to implement the Horizon environment, then this book is for you. Prior knowledge of Horizon is beneficial. What You Will Learn Walk through the configuration of VMware Horizon, including the new Horizon Access Point appliance Implement a multi-site VMware Horizon pod using the Cloud Pod Architecture feature Understand the integration between VMware Horizon and VSAN, and see how they are deployed together Explore how to implement and maintain Microsoft RDS and Linux and Windows Desktop Pools Create and optimize desktop master images. Understand how to

manage the SSL certificates for each of the VMware Horizon components. In Detail VMware Horizon 7 has been a buzz since it was announced. One of the major reasons is the introduction of the new Instant Clones feature. This book will complement the product documentation by providing real-life examples of how it is implemented along with the latest features and components of the platform. We'll explore the latest features of the platform, including those added through product acquisitions such as User Environment Manager and App Volumes. Further on, you will also be introduced to the new capabilities added to the core product such Linked-Clone RDS pools. Upon completion of this book, you will have an understanding of the capabilities and benefits VMware Horizon can provide to your organization, and how each of its components are implemented. Style and approach This comprehensive guide focuses on the practicality of VMware Horizon

and how you can implement it in your organization.

Mastering VMware Horizon 8 - Peter von Oven 2021-11-23

Learn all about designing, installing, configuring, and managing VMware Horizon, with a core focus on how to deliver virtual desktops using Horizon. This book allows you to follow the complete process for deploying VMware Horizon and covers the design, deployment, and management of solutions. You'll start by reviewing remote solutions, from virtual desktops to published applications, including the benefits and what the different solutions deliver. Once through the high-level technology you'll then look at the VMware Horizon solution focusing on the architecture and the components that make up the solution and how to design a production-ready environment. Other VMware EUC technologies that complement the core Horizon solution will also be incorporate into it. Armed with the knowledge of how to design a solution, you'll move onto the

installation phase and start to build a test lab environment. Once your lab is installed, you'll move onto the configuration stage where you will understand how to build, configure, and optimize virtual desktops, and desktop pools ready for end-users to use. As part of this you will also look at delivering published applications with Horizon Apps. With resources built and configured you can optimize the end-user experience with Horizon clients. The final sections of the book will focus on the other complementary solutions introducing you to VMware App Volumes and VMware Dynamic Environment Manager before finishing with how to manage the solution where we will look at some advanced configuration options and troubleshooting techniques. What You Will Learn See the core components of VMware Horizon and their functionality Design and install a Horizon environment Deliver the best end-user experience Manage the deployed solution Use VMware reference

architectures to create real-life scenario examples Review the minimum requirements for designing a solution Who This Book Is For VMware professionals, system integrators, IT professionals, and consultants.

Mastering VMware Horizon 6 - Peter von Oven 2015-03-27

If you are working as a desktop admin, part of a EUC team, an architect, or a consultant on a desktop virtualization project and you are looking to use VMware's Horizon solution, this book is for you. This book will demonstrate the new capabilities of Horizon 6. You should have experience in desktop management using Windows and Microsoft Office, and be familiar with Active Directory, SQL, Windows Remote Desktop Session Hosting, and VMware vSphere infrastructure (ESXi and vCenter Server) technology.

Implementing VMware Horizon 7.7 - Jason Ventresco 2019-01-15

Effectively implement features and components for any computing environment Key

FeaturesExplore the latest features of VMware Horizon 7.7Virtualize your desktop infrastructure using new features introduced in HorizonImplement App Volumes and User Environment Manager in your infrastructureBook Description This third edition of Implementing VMware Horizon 7.7 has been updated to get you up to speed with VMware Horizon 7.7 by showing you how to use its key features and deploying an end-user computing infrastructure for your own organization. The book begins by guiding you on how to deploy all the core requirements for a VMware Horizon infrastructure. It then moves on to show you how to provision and administer end-user computing resources using VMware Horizon. You'll not only be able to deploy the core VMware Horizon features, but you'll also be able to implement new features, such as the Just-in-Time Management Platform (JMP) and the Horizon Console. You'll also focus on the latest

features and components of the Horizon platform and learn when and how they are used. By the end of the book, you will have developed a solid understanding of how your organization can benefit from the capabilities VMware Horizon offers and how each of its components is implemented. What you will learnWork with the different products that make up VMware HorizonImplement a multi-site VMware Horizon Pod using the Cloud Pod Architecture featureDeploy and configure VMware Horizon's optional componentsImplement and maintain Microsoft RDSH, Horizon Linux, and Windows Desktop Pools and RDSH Application PoolsConfigure and manage Horizon remotely using PowerCLILearn about the Microsoft Windows Group Policy templates for HorizonUnderstand how to manage the SSL certificates for each of the VMware Horizon componentsWho this book is for If you're a system administrator, solutions architect, or desktop engineer

looking to level up your skills working with VMware's Horizon ecosystem and want to build a successful deployment strategy for desktops and applications, this book is for you.

DB2 Virtualization - Whei-Jen Chen 2009-11-25

Server virtualization technologies are becoming more popular to help efficiently utilize resources by consolidating servers. IBM®, the first company that developed and made available the virtual technology in 1966, offers advanced, powerful, reliable, and cost-saving virtualization technologies in various hardware and software products including DB2® for Linux, UNIX, and Windows. This IBM Redbooks® publication describes using IBM DB2 9 with server virtualization. We start with a general overview of virtualization and describe specific server virtualization technologies to highlight how the server virtualization technologies have been implemented. With this

introduction anyone new to virtualization will have a better understanding of server virtualization and the industry server virtualization technologies available in the market. Following the virtualization concept, we describe in detail the setup, configuration, and managing of DB2 with three leading server virtualization technologies: IBM Power Systems™ with PowerVM™, VMware Hyper-V. We discuss the virtual machine setup with DB2 in mind to help IT support understand the effective ways of setting up a virtual environment specific for DB2. We explain the architecture and components of these three server virtualization technologies to allow DBAs to understand how a database environment using DB2 can benefit from using the server virtualization technologies. In addition, we discuss the DB2 features and functions that can take advantage of using server virtualization. These features are put into practice when describing how to set up DB2

with the three virtualization technologies discussed in this book. This book also includes a list of best practices from the various tests performed while using these virtualization technologies. These best practices can be used as a guideline or a reference when setting up DB2 using these virtualization technologies.

VMware NSX Cookbook - Tony Sangha 2018-03-29

Network virtualization at your fingertips Key Features Over 70 practical recipes created by two VCIX-NV certified NSX experts Explore best practices to deploy, operate, and upgrade VMware NSX for vSphere Leverage NSX REST API using various tools from Python in VMware vRealize Orchestrator Book Description This book begins with a brief introduction to VMware's NSX for vSphere Network Virtualization solutions and how to deploy and configure NSX components and features such as Logical Switching, Logical Routing, layer 2 bridging and the Edge Services Gateway. Moving on to

security, the book shows you how to enable micro-segmentation through NSX Distributed Firewall and Identity Firewall and how to do service insertion via network and guest introspection. After covering all the feature configurations for single-site deployment, the focus then shifts to multi-site setups using Cross-vCenter NSX. Next, the book covers management, backing up and restoring, upgrading, and monitoring using built-in NSX features such as Flow Monitoring, Traceflow, Application Rule Manager, and Endpoint Monitoring. Towards the end, you will explore how to leverage VMware NSX REST API using various tools from Python to VMware vRealize Orchestrator. What you will learn Understand, install, and configure VMware NSX for vSphere solutions Configure logical switching, routing, and Edge Services Gateway in VMware NSX for vSphere Learn how to plan and upgrade VMware NSX for vSphere Learn how to use built-in

monitoring tools such as Flow Monitoring, Traceflow, Application Rule Manager, and Endpoint Monitoring Learn how to leverage the NSX REST API for management and automation using various tools from Python to VMware vRealize Orchestrator Who this book is for If you are a security and network administrator and looking to gain an intermediate level for network and security virtualization, then this book is for you. The reader should have a basic knowledge with VMware NSX.

Mastering VMware Horizon

7.8 - Peter von Oven

2019-03-28

Discover advanced virtualization techniques and strategies to deliver centralized desktop and application services Key FeaturesLeverage advanced desktop virtualization techniques and strategies to transform your organization Build better virtualized services for your users with VMware Horizon 7.8Develop and deploy end-to-end virtualized solutionsBook Description Desktop

virtualization can be tough, but VMware Horizon 7.8 changes all that. With a rich and adaptive UX, improved security, and a range of useful features for storage and networking optimization, there's plenty to love. But to properly fall in love with it, you need to know how to use it, and that means venturing deeper into the software and taking advantage of its extensive range of features, many of which are underused and underpromoted. This guide will take you through everything you need to know to not only successfully virtualize your desktop infrastructure, but also to maintain and optimize it to keep all your users happy. We'll show you how to assess and analyze your infrastructure, and how to use that analysis to design a solution that meets your organizational and user needs. Once you've done that, you'll find out how to build your virtualized environment, before deploying your virtualized solution. But more than that, we'll also make sure you

know everything you need to know about the full range of features on offer, including the mobile cloud, so that you can use them to take full control of your virtualized infrastructure. What you will learn

Successfully configure Horizon 7.8 for the needs of your users

Deliver virtual desktops, session-based desktops, and hosted applications

Become familiar with how to develop, and deploy, a complete, end-to-end solution

Discover how to optimize desktop OS images for virtual desktops

Build, optimize, and tune desktop operating systems to deliver a superior end user experience

Explore the Horizon 7.8 infrastructure so that you can take full advantage of it

Who this book is for

This book is ideal for system admins, and solution architects interested in gaining hands-on experience with virtualization. It will take you to an advanced level, but at a pace that ensures you are always solving real-world problems. Some experience in desktop management using Windows and Microsoft Office

(and familiarity with Active Directory, SQL, Windows Remote Desktop Session Hosting, and VMware vSphere technology) is necessary.

Implementing VMware Horizon 7 - Jason Ventresco
2016-06-30

Mastering PowerCLI - Sajal Debnath 2015-10-16

Master PowerCLI to automate all aspects of VMware environments

About This Book

Leverage PowerCLI to perform administration tasks in a more effective and efficient way

Escape from daily tedious and repetitive tasks by unleashing the full potential of your creative side through scripting

Master the intricate workings of PowerShell and PowerCLI through easy and real-life examples

Who This Book Is For

If you are a system administrator with working knowledge of PowerShell and PowerCLI who wants to perform quick and easy scripting but at the same time achieve complex results and write production grade scripts, then this book is for you. What

You Will Learn Use GitHub for collaboration and Pester to automate unit tests Write advanced reusable functions and dynamic variables and learn about error handling in PowerShell Automate ESXi host installation using Auto-Deploy, host profile, and host image Implement security best practices in a vSphere data center Manage SRM, vCloud Air, and vRealize Operations environments Access and utilize vSphere APIs to manage advanced aspects of vSphere and work with .NET view objects Utilize REST APIs to manage vRealize Automation environments Create a Windows GUI through the use of PowerShell and Sapien PrimalForms CE In Detail Have you ever wished that every morning you could automatically get a report with all the relevant information about your datacenter in exactly the same format you want? Or whether you could automate that boring, exhausting task? What if some crucial task needs to be performed on a regular basis

without any error? PowerCLI scripts do all that and much more for VMware environments. It is built on top of the popular Windows PowerShell, with which you can automate server tasks and reduce manual input, allowing you to focus on more important tasks. This book will help you to achieve your goals by starting with a short refresher on PowerShell and PowerCLI and then covering the nuances of advanced functions and reusable scripts. Next you will learn how to build a vSphere-powered virtualized datacenter using PowerCLI while managing different aspects of the environment including automated installation, network, and storage. You will then manage different logical constructs of vSphere environment and different aspects of a virtual machine. Later, you will implement the best practices for a security implementation in vSphere Environment through PowerCLI before discovering how to manage other VMware environments such as SRM,

vCloud Director and vCloud Air through PowerCLI. You will also learn to manage vSphere environments using advanced properties by accessing vSphere API and REST APIs through PowerCLI. Finally, you will build a Windows GUI application using PowerShell followed by a couple of sample scripts for reporting and managing vSphere environments with detailed explanations of the scripts. By the end of the book, you will have the required in-depth knowledge to master the art of PowerCLI scripting. Style and approach In this book, every topic is explained in a very easy-to-follow fashion with real-life, simple examples so that you get an idea of not only the topic but also the context in which it should be used or where it can be best utilized.

Mastering vRealize Operations Manager - Spas

Kaloferov 2018-03-08

Manage vRealize operations manager 6.6 effectively using this comprehensive guide. Key Features Get complete control of capacity management in

your virtual environment
Display the most appropriate performance metrics and assemble your own dashboard
Analyze and process data from different sources into a single repository
Optimize vRealize Automation workload placement
Book Description In the modern IT world, the criticality of managing the health, efficiency, and compliance of virtualized environments is more important than ever. With vRealize Operations Manager 6.6, you can make a difference to your business by being reactive rather than proactive. Mastering vRealize Operations Manager helps you streamline your processes and customize the environment to suit your needs. You will gain visibility across all devices in the network and retain full control. With easy-to-follow, step-by-step instructions and support images, you will quickly master the ability to manipulate your data and display it in a way that best suits you and your business or technical requirements. This book not

only covers designing, installing, and upgrading vRealize Operations 6.6, but also gives you a deep understanding of its building blocks: badges, alerts, super metrics, views, dashboards, management packs, and plugins. With the new vRealize Operations 6.6 troubleshooting capabilities, capacity planning, intelligent workload placement, and additional monitoring capabilities, this book is aimed at ensuring you get the knowledge to manage your virtualized environment as effectively as possible. What you will learn Discover advanced vRealize Operations concepts and design your processes effectively for the underlying architecture Plan and install a new version or upgrade from a previous one Apply proven capacity management theories and techniques in practical, real-world environments Manipulate data and metrics to display them in the most effective way possible Create custom views and dashboards fit for any use case Explore

how policies have evolved in vRealize Operations 6.6 and how to apply them in the most effective manner Who this book is for If you are an administrator of a virtual environment and have used vRealize Operations before but want to gain a professional understanding by easily implementing complex tasks with it, then this book is for you.

Mastering VMware vSphere 6.7 - Nick Marshall 2018-10-09

Master your virtual environment with the ultimate vSphere guide Mastering VMware vSphere 6.7 is the fully updated edition of the bestselling guide to VMware's virtualization solution. With comprehensive coverage of this industry-leading toolset, this book acts as an informative guide and valuable reference. Step-by-step instruction walks you through installation, configuration, operation, security processes, and much more as you conquer the management and automation of your virtual environment. Written by certified VMware

vExperts, this indispensable guide provides hands-on instruction and detailed conceptual explanations, anchored by practical applications and real-world examples. This book is the ultimate guide to vSphere, helping administrators master their virtual environment. Learn to: Install, configure, and manage the vCenter Server components Leverage the Support Tools to provide maintenance and updates Create and configure virtual networks, storage devices, and virtual machines Implement the latest features to ensure compatibility and flexibility Manage resource allocation and utilization to meet application needs Monitor infrastructure performance and availability Automate and orchestrate routine administrative tasks Mastering VMware vSphere 6.7 is what you need to stay up-to-date on VMware's industry-leading software for the virtualized datacenter.

VMware Software-Defined Storage - Martin Hosken

2016-08-29

The inside guide to the next generation of data storage technology VMware Software-Defined Storage, A Guide to the Policy Driven, Software-Defined Storage Era presents the most in-depth look at VMware's next-generation storage technology to help solutions architects and operational teams maximize quality storage design. Written by a double VMware Certified Design Expert, this book delves into the design factors and capabilities of Virtual SAN and Virtual Volumes to provide a uniquely detailed examination of the software-defined storage model. Storage-as-a-Service (STaaS) is discussed in terms of deployment through VMware technology, with insight into the provisioning of storage resources and operational management, while legacy storage and storage protocol concepts provide context and demonstrate how Virtual SAN and Virtual Volumes are meeting traditional challenges. The discussion on architecture

emphasizes the economies of storage alongside specific design factors for next-generation VMware based storage solutions, and is followed by an example in which a solution is created based on the preferred option identified from a selection of cross-site design options. Storage hardware lifecycle management is an ongoing challenge for IT organizations and service providers. VMware is addressing these challenges through the software-defined storage model and Virtual SAN and Virtual Volumes technologies; this book provides unprecedented detail and expert guidance on the future of storage. Understand the architectural design factors of VMware-based storage Learn best practices for Virtual SAN stretched architecture implementation Deploy STaaS through vRealize Automation and vRealize Orchestrator Meet traditional storage challenges with next-generation storage technology Virtual SAN and Virtual Volumes are leading the way in

efficiency, automation, and simplification, while maintaining enterprise-class features and performance. As organizations around the world are looking to cut costs without sacrificing performance, availability, or scalability, VMware-based next-generation storage solutions are the ideal platform for tomorrow's virtual infrastructure. VMware Software-Defined Storage provides detailed, practical guidance on the model that is set to transform all aspects of vSphere data center storage.

VMware ThinApp 4.7 Essentials - Peter Björk
2012-11-23

This book is written in practical tutorial style and it offers learning through vivid examples and. Each chapter contains step-by-step instructions about everything necessary to execute a particular task. The book is designed so that you can read it from start to end for beginners or just open up any chapter and start following the recipes as a reference for advanced users, This book will

be useful to developers, System admins and consultants who want to install and manage a virtualized app environment using VMware ThinApp 4.7.

VCP-DCV Official Cert Guide

- John Davis 2020-06-20

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.

**IT Architect: Foundation in
the Art of Infrastructure
Design: A Practical Guide
for IT Architects** - John Yani

Arrasjid, VCDX-001 2012-03-20

The first book in the IT
Architect series helps aspiring
& experienced IT
infrastructure

architects/administrators, and
those pursuing infrastructure
design certifications, establish
a solid foundation in the art of
infrastructure design. The
three autho

*Learn Azure in a Month of
Lunches, Second Edition* - Iain
Foulds 2020-10-06

Learn Azure in a Month of
Lunches, Second Edition, is a
tutorial on writing, deploying,

and running applications in
Azure. In it, you'll work
through 21 short lessons that
give you real-world experience.
Each lesson includes a hands-
on lab so you can try out and
lock in your new skills.

Summary You can be incredibly
productive with Azure without
mastering every feature,
function, and service. Learn
Azure in a Month of Lunches,
Second Edition gets you up and
running quickly, teaching you
the most important concepts
and tasks in 21 practical bite-
sized lessons. As you explore
the examples, exercises, and
labs, you'll pick up valuable
skills immediately and take
your first steps to Azure
mastery! This fully revised new
edition covers core changes to
the Azure UI, new Azure
features, Azure containers, and
the upgraded Azure
Kubernetes Service. Purchase
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Publications. About the
technology Microsoft Azure is
vast and powerful, offering
virtual servers, application

templates, and prebuilt services for everything from data storage to AI. To navigate it all, you need a trustworthy guide. In this book, Microsoft engineer and Azure trainer Iain Foulds focuses on core skills for creating cloud-based applications. About the book *Learn Azure in a Month of Lunches, Second Edition*, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. What's inside *Understanding Azure beyond point-and-click* Securing applications and data Automating your environment Azure services for machine learning, containers, and more About the reader This book is for readers who can write and deploy simple web or client/server applications. About the author Iain Foulds is an engineer and senior content developer with Microsoft. Table of Contents PART 1 - AZURE CORE SERVICES 1

Before you begin 2 Creating a virtual machine 3 Azure Web Apps 4 Introduction to Azure Storage 5 Azure Networking basics PART 2 - HIGH AVAILABILITY AND SCALE 6 Azure Resource Manager 7 High availability and redundancy 8 Load-balancing applications 9 Applications that scale 10 Global databases with Cosmos DB 11 Managing network traffic and routing 12 Monitoring and troubleshooting PART 3 - SECURE BY DEFAULT 13 Backup, recovery, and replication 14 Data encryption 15 Securing information with Azure Key Vault 16 Azure Security Center and updates PART 4 - THE COOL STUFF 17 Machine learning and artificial intelligence 18 Azure Automation 19 Azure containers 20 Azure and the Internet of Things 21 Serverless computing *Learning VMware App Volumes* - Peter von Oven 2016-03-30 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

The Official VCP5

Certification Guide - Bill

Ferguson 2012-07-25

Trust the bestselling Official Cert Guide series from VMware Press to help you learn, prepare, and practice for VCP5 exam success. They are the only VMware authorized self-study books and are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. ****Note to readers**** In March 2013 VMware renamed the VCP5 (VMware Certified Professional on vSphere 5) to VCP5-DCV (VMware Certified Professional on vSphere 5 - Data Center Virtualization). The Official VCP5 Certification Guide presents you with an organized test preparation routine

through the use of proven series elements and techniques. "Do I Know This Already?" quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Master VMware VCP510 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks The Official VCP5 Certification Guide is part of a recommended learning path from VMware that includes simulation and hands-on training from authorized VMware instructors and self-study products from VMware Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered worldwide, please visit www.vmware.com/training. [Mastering VMware Horizon 7](#) - Peter von Oven 2016-10-14 Learn advanced desktop

virtualization techniques and strategies and dive deeper into VMware Horizon 7, take responsibility for optimizing your end user experience About This Book Build better virtualized services for your users with VMware Horizon 7 Take full advantage of Horizon's range of features for confidence and control in your virtualized solutions Take responsibility for transforming your organization - this guide will get you started! Who This Book Is For Admins, architects... whatever your role, if you find virtualization a bit of a headache this book is for you. You'll go deep into VMware Horizon and see just what its capable of. It will take you to an advanced level, but at a pace that ensures you're always solving real-world problems. You'll need some experience in desktop management using Windows and Microsoft Office, and familiarity with Active Directory, SQL, Windows Remote Desktop Session Hosting, and VMware vSphere technology. What You Will

Learn Successfully configure Horizon 7 for the needs of your users Find out how VMware is perfect for end-user computing delivering virtual desktops, session-based desktops, and hosted applications all from the same platform Learn how to develop, and deploy a complete end-to-end solution Discover how to optimize desktop OS images for virtual desktops Build, optimize, and tune desktop operating systems to deliver a superior end-user experience Explore the Horizon 7 infrastructure, so you can take full advantage of it! In Detail Desktop virtualization can be a bit of a headache. But VMware Horizon 7 changes all that. With a rich and adaptive UX, improved security and a range of useful features for storage and networking optimization, there's plenty to love. But to properly fall in love with it, you need to know how to use it. And that means venturing deeper into the software, taking advantage of its extensive range of features, many of which are underused and underpromoted. This guide

will take you through everything you need to know to not only successfully virtualize your desktop infrastructure but also to maintain and optimize the infrastructure to keep all your users happy. We'll show you how to assess and analyze your infrastructure, and how to use that analysis to design a solution that meets your organizational and user needs. Once you've done that, you'll find out how to build your virtualized environment, before deploying your virtualized solution. But more than that, we'll also make sure you know everything you need to know about the full range of features on offer, including mobile cloud, so you can use them to take full control of your virtualized infrastructure. Style and approach Focusing on an end-user project, this useful, yet comprehensive guide will show you how to take full advantage of VMware's Horizon 7 solution and how to successfully implement it for your organization.

Vcenter Troubleshooting -
Chuck Mills 2015-04-30

VMware View 5 Desktop Virtualization Solutions - Jason Langone 2012

This book will pull information and expertise from real world scenarios so as to maximize practical learning. It will explain the settings and configurations needed to have a successful desktop virtualization solution as well as the 'why' behind the decisions. This book is meant as a guide for architects, solution providers, consultants, engineers and anyone planning to design and implement a solution based on VMware View 5.

VMware vCloud Director Cookbook - Daniel Langenhan 2013-10-24

VMware vCloud Director Cookbook will adopt a Cookbook-based approach. Packed with illustrations and programming examples, this book explains the simple as well as the complex recipes in an easy-to-understand language. VMware vCloud Director Cookbook is aimed at system administrators and technical architects moving

from a virtualized environment to cloud environments. Familiarity with cloud computing platforms and some knowledge of virtualization and managing cloud environments is expected.

Mastering VMware Horizon 7 - Second Edition - Peter von Oven 2016-09-30

Unlock the true potential of VMware Horizon 7 to deliver the industry's most comprehensive end-to-end user experience

About This Book*

Examine the new and exciting capabilities in Horizon 7 and deliver a transformational user experience to end users* Build, configure, and use advanced features and capabilities for a superior user experience*

Acquire key skills through use cases and control every aspect of how you manage your projects and solutions, and improve your organizations' ROI

Who This Book Is For

What you will learn*

Install and configure Horizon 7*

Understand the VMware EUC product portfolio*

Build, develop, and deploy a complete end-to-end solution to deliver

apps*

Optimize the desktop OS images for virtual desktops*

Enhance the VMware product solutions*

Build, optimize, and tune desktop operating systems to deliver a superior end-user experience*

Delve deeper into the Horizon 7 infrastructure to understand how the solution components work and fit together

In Detail

Horizon 7 has a completely rich and adaptive user experience, improved security, and a host of features for virtual storage, computation, and networking.

This book will take you through a complete journey with VMware Horizon 7, concentrating on the View 7 virtual desktop infrastructure aspects of the solution. We start the journey by talking about what VDI is and its history, just to set the scene. We will then help you create a design by looking at an assessment phase with best practices and real-world examples.

Next we will start to build out the environment with the installation and configuration phase, building

the desktop images, and then how to fine-tune the environment for a superior user experience. Once we have a deployed solution, we will cover some of the advanced features and the additional products included with Advanced and Enterprise editions, which will help to develop a solution for your EUC strategy. At the end of the book, you will implement a centralized platform to deliver a complete user experience on any device, anywhere, and at any time, whilst maintaining security, policy, and control.

VMware Horizon 6 Desktop Virtualization Solutions - Ryan Cartwright 2014-09-22

If you are a desktop architect, solution provider, end-user consultant, virtualization engineer, or anyone who wants to learn how to plan and design the implementation of a virtual desktop solution based on Horizon 6, then this book is for you. An understanding of VMware vSphere fundamentals coupled with experience in the installation or administration of a VMware environment would

be a plus during reading.

The Enterprise Cloud - James Bond 2015-05-19

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

VMware vRealize Operations Essentials - Matthew Steiner
2015-12-31

Harness the power of VMware vRealize Operations to efficiently manage your IT infrastructure About This Book Extract the optimum performance, availability, and capacity of your IT infrastructure with the help of vRealize Operations Manager Leverage the power of strategic reports to drive tactful decision-making within the IT department A pragmatic guide to proficiently manage your applications and storage Who This Book Is For If you are a vSphere administrator and wish to optimize your virtual environment, this book is your go-to guide on vRealize Operations. As a vSphere administrator, it is assumed that you have a good understanding of both physical and virtual infrastructure. A basic knowledge of application monitoring and log analysis would be useful when we dive

into the capabilities of the solution. What You Will Learn Architect, design, and install vRealize Operations Migrate from the previous vCenter Operations Manager 5.x version, configure vR Ops policies, and create custom groups Use out-of-the-box Dashboards, Views, and Reports and create your own customized Dashboards, Views, and Reports Apply the Alerting framework of Symptoms, Recommendations, and Actions, and create your own Alerting content Leverage the power of Capacity Planning to maximize the utilization of your virtual infrastructure Manage the rest of your infrastructure, including storage and applications, with vRealize Operations Management Packs Extend the solution with vRealize Hyperic and Log Insight In Detail This book will enable you to deliver on the operational disciplines of Performance, Health, Capacity, Configuration, and Compliance by making the best use of solutions provided by vRealize Operations. Starting with

architecture, design, and sizing, we will ensure your implementation of vRealize Operations is a success. We will dive into the utilization of a solution to manage your vSphere infrastructure. Then, we will employ out-of-the-box Dashboards and the very powerful Views and Reporting functionality of vRealize Operations to create your custom dashboards and address your reporting requirements. Next, we go through the Alerting framework and how Symptoms, Recommendations, and Actions are used to achieve efficient operations. Later you will master the topic of Capacity Planning, where we look at how important it is to craft appropriate policies to match your requirements, and we'll consider attitude toward capacity risk, which will aid you to build future project requirements into your capacity plans. Finally, we will look at extending the solution to manage Storage, Applications, and other IT infrastructures using

Management Packs from Solution Exchange, as well as how the solution can be enhanced with the integration of Log Insight. Style and approach This book is a pragmatic, step-by-step guide that will quickly build your knowledge of the key capabilities of vRealize Operations. As well as learning about the solution, we will provide you with real-world examples that will help you customize and enhance your virtual environment.

[VMware Horizon View 6 Desktop Virtualization Cookbook](#) - Jason Ventresco
2014-10-31

If you want a more detailed explanation concerning the implementation of several different core features of VMware Horizon View, this is the book for you. Whether you are new to VMware Horizon View or an existing user, this book will provide you with the knowledge you need to successfully deploy several core features and get introduced to the latest features of version 6.0 as well.

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

The VDI Delusion - Brian S. Madden 2012-05-10

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.

Mastering Azure Virtual Desktop - Ryan Mangan 2022-02-16

Learn how to design, implement, configure, and manage your Azure Virtual Desktop environment Key Features: Learn everything

about designing and deploying an Azure Virtual Desktop environment Gain in-depth insights into Azure Virtual Desktop and prepare successfully for the AZ-140 exam Explore best practices and expert tips on how to set up Azure Virtual Desktop Book Description: Azure Virtual Desktop is a cloud desktop virtualization platform that securely delivers virtual desktops and remote apps. Mastering Azure Virtual Desktop will guide you through designing, implementing, configuring, and maintaining an Azure Virtual Desktop environment effectively. This book can also be used as an exam preparation guide to help you sit the Microsoft AZ-140 exam. You'll start with an introduction to the essentials of Azure Virtual Desktop. Next, you'll get to grips with planning an Azure Virtual Desktop architecture before learning how to implement an Azure Virtual Desktop environment. Moving ahead, you'll learn how to manage and control access as well as

configure security controls on your Azure Virtual Desktop environment. As you progress, you'll understand how to manage user environments and configure MSIX app attach and other Azure Virtual Desktop features to enhance the user experience. You'll also learn about the Azure Active Directory (AD) join and getting started feature. Finally, you'll discover how to monitor and maintain an Azure Virtual Desktop environment to help you support your users and diagnose issues when they occur. By the end of this Microsoft Azure book, you'll have covered all the essential topics you need to know to design and manage Azure Virtual Desktop and prepare for the AZ-140 exam. What You Will Learn: Design Azure Virtual Desktop and user identities and profiles Implement networking and storage for Azure Virtual Desktop Create and configure session host images and host pools Manage access and security for MS Azure Virtual Desktop Implement FSLogix

Profile Containers and FSLogix
Cloud Cache Configure user
experience and Azure Virtual
Desktop features Plan and
implement business continuity
and disaster recovery
Automate Azure Virtual
Desktop tasks Who this book is
for: If you are an IT
professional, workspace
administrator, architect, or
consultant looking to learn
about designing, implementing,
and managing Azure Virtual
Desktop, this book is for you.
You'll also find this book
helpful if you're preparing for
the Microsoft AZ-140 exam.
VDI Design Guide - Johan
Amersfoort 2018-08-04
Is this finally the year of the
Virtual Desktop Infrastructure
(VDI)? There doesn't seem to
be a straight answer to that
question. A VDI can be
designed to work perfectly in
your environment, but could
also be a big pain in the
butt. This guide will help you
design a VMware Horizon VDI,
based on the VMware Certified
Design Expert (VCDX)
methodology. It will help you
understand what steps need to

be taken to bring a project to a
successful result. It contains
examples of real-world design
projects, requirements &
constraints which will help you
make the right decision in a
great variety of scenarios. As
sizing does matter, you will
also be guided through the
complete sizing process. Other
topics that will be covered:
Windows 10, multi-site
architectures, NSX, vSAN,
profile strategies, application
delivery strategies,
assessments, monitoring,
security, GPUs, and remote
protocols.

Learning VMware vSphere -
Abhilash G B 2016-10-14
Lay the foundations for data
center virtualization using
VMware vSphere 6 and
strengthen your understanding
of its power About This Book
Learn how server virtualization
is achieved and how a virtual
infrastructure is built using
VMware's products and
solutions. Design to create a
scalable and responsive
virtualization platform for
hosting the virtual machine
workloads of a business.

Manage compute, network and storage resources of a virtual infrastructure. Relevant conceptual diagrams, flowcharts and screen-captures enable in-depth comprehension of the concepts. Also, the concise writing style makes this book a very easy read.

Who This Book Is For This is a book for any experienced technologist who is new to the realm of Data Center virtualization wanting to find a way to get a head start in learning how to design, implement and manage a modern day datacenter virtualized using VMware's core infrastructure solutions. It could also act a comprehensive reference guide for Infrastructure Architects and System Administrators to aid them in their day to day activities. This book could easily find its place in reference materials used by professionals for VCP and VCAP certification exams. Keep in mind however that the book is not written to follow as a blueprint for either of the exams. What You Will Learn

Understand the architecture of the hypervisor and learn how to install deploy and configure ESXi hosts Find out what forms a VMware Virtual Machine can take and also learn how to create and manage them Familiarize yourself with the concepts of vSphere Storage and learn how to present and manage storage in a vSphere environment Create and manage software switching constructs such as the vNetwork Standard Switch and vNetwork Distributed Switches Monitor the performance of a vSphere environment using tools such as the vCenter Performance Graphs and 'esxtop' Manage SSL certificates in a vSphere environment Upgrade and patch a vSphere environment using vSphere Update Manager In Detail Computer virtualization is a method to enable the running of multiple application workloads on a machine to achieve efficient utilization and reduce the number of physical machines in a data center. This has now become the foundation of many

modern day data centers. What began as a technology to virtualize x86 architecture has now grown beyond the limits of a server's hardware and into the realm of storage and network virtualization. VMware is currently the market leader in developing data center virtualization solutions. This book goes into the details of designing and implementing VMware solutions that form the foundation of a VMware infrastructure. The book begins by introducing you to the concepts of server virtualization followed by the architecture of VMware's hypervisor - ESXi and then by its installation and configuration. You then learn what is required to manage a vSphere environment and configure advanced management capabilities of vCenter. Next you are taken through topics on vSphere Networking, Storage, ESXi Clustering, Resource Management and Virtual Machine Management. You will then be introduced to SSL Certificate Management and its

use in a vSphere environment. Finally, you will learn about the lifecycle management of a vSphere environment by effectively monitoring, patching and upgrading vSphere components using Update Manager. By the end of the book, you will know how to use VMware's vSphere suite of components to lay the foundation of a modern day virtual infrastructure. Style and approach This is an easy-to-follow guide that will give you everything you need to fully understand the concepts involved in data center virtualization. The screenshots, concept diagrams, and flowcharts included will help you understand the subjects discussed better.

Networking All-in-One For Dummies - Doug Lowe
2021-04-06

Your ultimate one-stop networking reference Designed to replace that groaning shelf-load of dull networking books you'd otherwise have to buy and house, *Networking All-in-One For Dummies* covers all the basic and not-so-basic

information you need to get a network up and running. It also helps you keep it running as it grows more complicated, develops bugs, and encounters all the fun sorts of trouble you expect from a complex system. Ideal both as a starter for newbie administrators and as a handy quick reference for pros, this book is built for speed, allowing you to get past all the basics—like installing and configuring hardware and software, planning your network design, and managing cloud services—so you can get on with what your network is actually intended to do. In a friendly, jargon-free style, Doug Lowe—an experienced IT Director and prolific tech author—covers the essential, up-to-date information for networking in systems such as Linux and Windows 10 and clues you in on best practices for security, mobile, and more. Each of the nine minibooks demystifies the basics of one key area of network management. Plan and administrate your network Implement virtualization Get

your head around networking in the Cloud Lock down your security protocols The best thing about this book? You don't have to read it all at once to get things done; once you've solved the specific issue at hand, you can put it down again and get on with your life. And the next time you need it, it'll have you covered.

VMware NSX Micro-Segmentation ? Day 1 - Wade Holmes 2017-01-31

Micro-segmentation - Day 1 brings together the knowledge and guidance for planning, designing, and implementing a modern security architecture for the software-defined data center based on micro-segmentation. VMware NSX makes network micro-segmentation feasible for the first time. It enables granular firewalling and security policy enforcement for every workload in the data center, independent of the network topology and complexity. Micro-segmentation with NSX already helped over a thousand organizations improve the security posture of their

software-defined data center by fundamentally changing the way they approach security architecture. Micro-segmentation - Day 1 is your roadmap to simplify and enhance security within software-defined data centers running NSX. You will find insights and recommendations proven in the field for moving your organization from a perimeter-centric security posture to a micro-segmented architecture that provides enhanced security and visibility within your data center.

Implementing VMware Horizon View 5.2 - Jason Ventresco 2013-05-17

A step-by-step tutorial covering all components of the View Horizon suite in detail, to ensure that you can utilize all features of the platform, and discover all of the possible ways that it can be used within your own environment. If you are a newcomer in system administration, and you wish to implement a small to mid-sized Horizon View environment, then this book is for you. It will also benefit individuals who

wish to administrate and manage Horizon View more efficiently or are studying for the VCP5-DT.

Hands on Virtual Computing - Ted Simpson 2017-05-24

Reader equip themselves for today's dramatically changing IT world with the insights and timely instruction in HANDS-ON VIRTUAL COMPUTING, 2E. Whether a novice or experienced IT professional, this unique book combines current theory and developing concepts with practical hands-on activities and projects to help readers master virtualization and learn to apply those skills in real world scenarios. Readers gain experience working with the latest virtualization technology and learn the differences between the two major leaders in virtualization products -- VMware and Microsoft. Specific chapters address Oracle VirtualBox, VMware Workstation, Microsoft Hyper-V, VMware vSphere, and virtualization in software-defined data centers. Readers develop the solid

understanding of virtualization
concepts and products needed
to advance today's IT career.
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content referenced within the
product description or the
product text may not be
available in the ebook version.