

System Requirements For System Center 2012 Operations Manager

This up-to-the-minute supplement to System Center Operations Manager 2007 Unleashed brings together practical, in-depth information about System Operations Manager 2007, including major enhancements introduced with the R2 release, as well as essential information on other products and technologies OpsMgr integrates with and relies upon. Drawing on their unsurpassed deployment experience, four leading independent OpsMgr experts with a half dozen leading subject matter experts show how to take full advantage of new Unix/Linux cross platform extensions, Windows Server 2008 and SQL Server 2008 integration, PowerShell extensions, and much more. They also present in-depth coverage of using OpsMgr with virtualization, authoring new management packs, and maximizing availability. A detailed 'OpsMgr R2 by Example' appendix presents indispensable tuning and configuration tips for several of OpsMgr R2's most important management packs. This book also contains the world's most comprehensive collection of OpsMgr R2 reference links. Discover and monitor Linux and Unix systems through OpsMgr with the new Cross Platform Extensions Utilize Microsoft's upgraded management packs and templates for monitoring operating systems, services, and applications Monitor your system with the Health Explorer and new Visio add-in Create OpsMgr 2007 R2 reports and queries utilizing SQL Server 2008 Understand how Windows Server 2008 and OpsMgr integrate Use PowerShell and the OpsMgr Shell to automate common management tasks Efficiently manage virtualized environments (Hyper-V or ESX vCenter) Author your own OpsMgr custom management packs Implement advanced high availability and business continuity management Use targeting to apply the appropriate monitoring to each component Master advanced ACS techniques for noise filtering, access hardening, and auditing

This is the first comprehensive Operations Manager 2012 technical resource for every IT implementer and administrator. Building on their bestselling OpsMgr 2007 book, three Microsoft System Center Cloud and Data Center Management MVPs thoroughly illuminate major improvements in Microsoft's newest version.Including new enhancements just added in Service Pack 1. You'll find all the information you need to efficiently manage cloud and datacenter applications and services in even the most complex environment. The authors provide up-to-date best practices for planning, installation, migration, configuration, administration, security, compliance, dashboards, forecasting, backup/recovery, management packs, monitoring including .NET monitoring, PowerShell automation, and much more. Drawing on decades of enterprise and service provider experience, they also offer indispensable insights for integrating with your existing Microsoft and third-party infrastructure. Detailed information on how to! Plan and execute a smooth OpsMgr 2012 deployment or migration Move toward application-centered management in complex environments Secure OpsMgr 2012, and assure compliance through Audit Collection Services Implement dashboards, identify trends, and improve forecasting Maintain and protect each of your OpsMgr 2012 databases Monitor virtually any application, environment, or device: client-based, .NET, distributed, networked, agentless, or agent-managed Use synthetic transactions to monitor application performance and responsiveness Install UNIX/Linux cross-platform agents Integrate OpsMgr into virtualized environments Manage and author management packs and reports Automate key tasks with PowerShell, agents, and alerts Create scalable management clouds for service provider/multi-tenant environments Use OpsMgr 2012 Service Pack 1 with Windows Server 2012 and SQL Server 2012

SkyPe for Business Unleashed This is the most comprehensive, realistic, and useful guide to Skype for Business Server 2015. Microsoft's most powerful unified communications system. Four leading Microsoft unified communications consultants share in-the-trenches guidance for planning, integration, migration, deployment, administration, and more. The authors thoroughly introduce Skype for Business 2015's components and capabilities, as well as changes and improvements associated with the integration of popular Skype consumer technologies. You'll find detailed coverage of IP voice, instant messaging, conferencing, and collaboration; and expert guidance on server roles, multi-platform clients, security, and troubleshooting. Reflecting their unsurpassed experience, the authors illuminate Microsoft's new cloud-based and hybrid cloud architectures for unified communications, showing how these impact networking, security, and Active Directory. They cover SDN for unified communications; interoperation with consumer Skype and legacy video conferencing; quality optimization, mobile improvements, and much more. Throughout, the authors combine theory, step-by-step configuration instructions, and best practices from real enterprise environments. Simply put, you'll learn what works;and how it's done. Detailed information on How To - Plan deployments, from simple to highly complex - Deploy Skype for Business Server 2015 as a cloud or cloud-hybrid solution - Walk step by step through installation or an in-place upgrade - Overcome 'gotchas' in migrating from Lync Server 2010 or 13 - Leverage new features available only in cloud or cloud-hybrid environments - Implement and manage Mac, mobile, Windows, browser, and virtualized clients - Establish server roles, including front end, edge, and mediation server - Make the most of Skype for Business Server 2015's enhanced mobile experience - Manage external dependencies: network requirements, dependent services, and security infrastructure - Efficiently administer Skype for Business Server 2015 - Provide for high availability and disaster recovery - Integrate voice, telephony, and video, step by step - Avoid common mistakes, and discover expert solutions and workarounds Category: Business Applications Covers: Skype for Business User Level: Intermediate/Advanced

If you're an IT professional, you're busy enough trying to manage multiple systems and stay proactive with the technology demands of today's fast-moving companies. System Center Operations Manager 2007 is designed to make your life easier, and this comprehensive book is your one-stop gateway to it all. With intermediate to advanced coverage, this book gives you the information you need to deploy, manage, and maintain SCOM 2007, and use it to monitor your network.

Design, configure, and manage an efficient virtual infrastructure with VMM in System Center 2016, 3rd Edition
Designing and Architecting Solutions

Skype for Business Unleashed

Microsoft System Center Building a Virtualized Network Solution

Microsoft Private Cloud Computing

Microsoft Vista for IT Security Professionals is designed for the professional system administrators who need to securely deploy Microsoft Vista in their networks. Readers will not only learn about the new security features of Vista, but they will learn how to safely integrate Vista with their existing wired and wireless network infrastructure and safely deploy with their existing applications and databases. The book begins with a discussion of Microsoft's Trustworthy Computing Initiative and Vista's development cycle, which was like none other in Microsoft's history. Expert authors will separate the hype from the reality of Vista's preparedness to withstand the 24 x 7 attacks it will face from malicious attackers as the world's #1 desktop operating system. Microsoft Windows operating systems run more than 90% of the desktop PCs in the world and Vista is the first major Windows release in more than 5 years This is currently the only book on Windows Vista Security

Part of a series of specialized guides on System Center, this book is specifically designed for architects and cloud fabric administrators who want to understand what decisions to make during the design process and the implications of those decisions, what constitutes best practice, and, ultimately, what to do to build out a virtualized network solution that meets today's business requirements while also providing a platform for future growth and expansion. This second edition includes coverage of the Hyper-V Network Virtualization gateway, designing a solution that extends an on-premises virtualized network solution to an external (hosted) environment, details of how to troubleshoot and diagnose some of the key connectivity challenges, and a look at the Cloud Platform System (CPS) and some of the key considerations that went into designing and building the network architecture and solution for that environment.

Mastering System Center Configuration Manager 2007 provides intermediate and advanced coverage of all aspects of the product, including planning and installation, upgrading Systems Management Server 2003, deploying software and operating systems, security, monitoring and troubleshooting, and automating and customizing SCCM 2007 with scripts. The authors take a hands-on approach by providing many real-world scenarios to show readers how to use the tool in various contexts. This anchors the conceptual explanations in practical application. This book's web site will contain a collection of ready-to-use scripts with directions for implementing them in network systems.

Prepare for Microsoft Exam 70-745-and help demonstrate your real-world mastery of skills needed to build and manage software-defined infrastructure with Windows Server 2016 and System Center 2016 Virtual Machine Manager (SCVMM). Designed for experienced IT professionals ready to advance their status, Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the MCSE level. Focus on the expertise measured by these objectives: • Plan and implement System Center Virtual Machine Manager (VMM) core infrastructure • Implement Software-Defined Networking (SDN) • Implement software-defined storage • Implement datacenter compute solutions with Virtual Machine Manager (VMM) • Secure your software-defined datacenter • Monitor and maintain the software-defined datacenter This Microsoft Exam Ref: • Organizes its coverage by exam objectives • Features strategic, what-if scenarios to challenge you • Assumes you have experience with System Center 2012 R2 Virtual Machine Manager and Windows Server 2016 networking, storage, Hyper-V, and Hyper-V Clusters About the Exam Exam 70-745 focuses on skills and knowledge for implementing a software-defined datacenter with Windows Server 2016 and Microsoft System Center 2016 Virtual Machine Manager (SCVMM). About Microsoft Certification Passing this exam earns you credit towards the Microsoft Certified Solutions Expert (MCSE): Cloud Platform and Infrastructure certification, validating that you have skills needed to run a highly efficient and modern data center, with expertise in cloud technologies, identity and systems management, virtualization, storage, and networking. See full details at: microsoft.com/learning

System Center 2016 Virtual Machine Manager Cookbook

System Center 2012 R2 Virtual Machine Manager Cookbook

Configuring Symantec AntiVirus Enterprise Edition

Installing and Configuring Windows Server 2012 R2

Microsoft Windows Server 2008 R2: The Administrators Essential Reference introduces the Windows Server 2008 R2, which is Microsoft's flagship server operating systems latest release. The book explores its features; describes differences between the available editions; and discusses its deployment. After introducing Windows Server 2008 R2, the book explains its installation and configuration processes followed by its networking. It also examines different features, such as the active directory, internet information services 7.5, Hyper-V, and PowerShell V2. It discusses securing Windows Server 2008 R2 files and its print services, remote desktop services, high-availability and recovery features, and monitoring and troubleshooting; in addition, their delta changes are discussed in the final chapter. The book also explores the features that influence both Windows Server 2008 R2 and Windows 7. These features allow the server operating system to work with Windows 7. One feature is the BranchCache, which offers users who open files across a Wide Area Network a better end-user experience by caching copy in the branch office when a document or intranet Web site is opened for the first time. Another feature is DirectAccess, which is the new remote connectivity solution for Windows networks. Features information on how to plan, deploy, and administrate Windows Server 2008 R2 using best practice guidance Provides in-depth coverage of Hyper-V, DirectAccess, Remote Desktop Services, Active Directory, and BranchCache Includes Delta Changes to allow experienced administrators to quickly gain insight to changes between Windows Server 2008 and Windows Server 2008 R2

This is the only book that will teach system administrators how to configure, deploy, and troubleshoot Symantec Enterprise Edition in an enterprise network. The book will reflect Symantec's philosophy of "Centralized Antivirus Management." For the same reasons that Symantec bundled together these previously separate products, the book will provide system administrators with a holistic approach to defending their networks from malicious viruses. This book will also serve as a Study Guide for those pursuing Symantec Product Specialist Certifications. Configuring Symantec

AntiVirus Enterprise Edition contains step-by-step instructions on how to Design, implement and leverage the Symantec Suite of products in the enterprise. First book published on market leading product and fast-growing certification. Despite the popularity of Symantec's products and Symantec Product Specialist certifications, there are no other books published or announced. Less expensive substitute for costly on-sight training. Symantec offers week-long courses on this same product for approximately \$2,500. This book covers essentially the same content at a fraction of the price, and will be an attractive alternative for network engineers and administrators. Free practice exam from solutions@syngress.com. Syngress will offer a free Symantec Product Specialist Certification practice exam from syngress.com. Comparable exams are priced from \$39.95 to \$59.95.

Simple backups are no longer enough. To fully protect a modern IT infrastructure, you need sophisticated data protection technologies. This comprehensive guide to Microsoft's new System Center Data Protection Manager 2007 (DPM) will help you improve your server security using this robust new software. The book thoroughly explains DPM's unique abilities, and you'll find step-by-step instructions on setting up and deployment. You'll learn how to recover critical data and monitor processes for Exchange Server, SQL Server, SharePoint Server, Microsoft Virtual Server virtual machines, and Windows file servers and workstations.

System Center Operations Manager 2007 UnleashedSams Publishing

The Administrator's Essential Reference

Configuring and Deploying a Private Cloud

Migration, Coexistence, and Management

System Center 2012 Operations Manager Unleashed

This book will help you understand the capabilities of MicrosoftHyper-V, architect a Hyper-V solution for your datacenter, plan deployment/migration, and then manage it all using native tools andSystem Center. Coverage also includes hybrid cloud scenariospecifically with Windows Azure to complete the full virtualizationpiece of providing data both on premise and off premise. In addition, you will explore the Windows Azure capabilities forvirtual machines and managing a hybrid cloud, including WindowsAzure's Internet as a Service (IaaS) and storagecapabilities, how seamless management is possible with PowerShelland System Center, plus how Azure Storage can play a part in acompany's complete solution. Key topics covered include: virtualization fundamentals, networkvirtualization, storage configuration, Hyper-V management andmaintenance, failover clustering and migration, Hyper-V replica andcloud orchestration, private cloud implementation, Azure IaaS,Azure storage, managing with PowerShell, Hyper-V decoding, andWindows Server 2012 R2 integration.

This book is a step-by-step guide packed with recipes that cover architecture design and planning. The book is also full of deployment tips, techniques, and solutions. If you are a solutions architect, technical consultant, administrator, or any other virtualization enthusiast who needs to use Microsoft System Center Virtual Machine Manager in a real-world environment, then this is the book for you. We assume that you have previous experience with Windows 2012 R2 and Hyper-V.

Part of a series of specialized guides on System Center - this book focuses on using AppController to manage virtual machines and services across private and public clouds. Series editor Mitch Tulloch and a team of System Center experts provide concise technical guidance as they step you through key configuration and management tasks.

Presents a guide to the newest version of Microsoft System Center, providing instructions and tips on asset management, security reporting, and data protection within managed environments for data centers and cloud environments.

Supplement to System Center Operations Manager 2007 Unleashed

Exam Ref 70-745 Implementing a Software-Defined DataCenter

Hyper-V for VMware Administrators

Department of Transportation and Related Agencies Appropriations for 2003

System Center 2012 Orchestrator Unleashed

This is the comprehensive reference and technical guide to Microsoft System Center Configuration Manager 2012. A team of expert authors offers step-by-step coverage of related topics in every feature area, organized to help IT professionals rapidly optimize Configuration Manager 2012 for their requirements, and then deploy and use it successfully. The authors begin by introducing Configuration Manager 2012 and its goals, and explaining how it fits into the broader System Center product suite. Next, they fully address planning, design, and implementation. Finally, they systematically cover each of Configuration Manager 2012's most important feature sets, addressing issues ranging from configuration management to software distribution. Readers will learn how to use Configuration Manager 2012's user-centric capabilities to provide anytime/anywhere services and software, and to strengthen both control and compliance. The first book on Configuration Manager 2012, System Center Configuration Manager 2012 Unleashed joins Sams' market-leading series of books on Microsoft's System Center product suite: books that have achieved go-to status amongst IT implementers and administrators worldwide.

Get up to date quickly with SCOM 2016 Mastering System Center Configuration Manager provides comprehensive coverage of Microsoft's powerful network software deployment tool, with a practical hands-on approach. Written by Santos Martinez, Peter Daalmans, and Brett Bennett, this guide walks you through SCCM 2016 with in-depth explanations anchored in real-world applications to get you up to speed quickly. Whether you're planning a new installation or migrating from a previous version of Configuration Manager, this book provides clear instruction and expert insight to get the job done right. Fully aligned with the latest release, the discussion covers the newest tools and features with examples that illustrate utility in a variety of contexts. System Center Configuration Manager (formerly SMS) is one of Microsoft's flagship products; the 2016 release has been updated with better Windows 10 and Windows Server 2016 compatibility, improved tools for managing non-Microsoft mobile devices in the cloud, and more. This book provides start-to-finish coverage and expert guidance on everything you need to get your system up to date. Deploy software and operating systems Automate processes and customize configurations Monitor performance and troubleshoot issues Manage security in the cloud and on Virtual Machines SCCM 2016 improves your ability to handle the bring-your-own-device influx in managing mobile, streamlining the latest hiccup right into the everyday workflow. Mastering System Center Configuration Manager provides the practical coverage you need to get up and running seamlessly.

This is a Packt Cookbook, full with over 75 recipes for VMM users to carry out vital tasks quickly and easily. This book is written for solutions architects, technical consultants, administrators, and any other virtualization lover who needs to use Microsoft System Center Virtual Machine Manager in a real-world environment.

Microsoft System Center Enterprise Suite Unleashed is the first and only definitive real-world guide to the entire Microsoft System Center Enterprise Suite. It brings together tips, tricks, best practices, and lessons learned by top consultants who've deployed System Center in some of the world's largest enterprises and most successful small businesses. Drawing on years of early adopter and production experience, Rand Morimoto, Chris Amaris, and their team cover the entire System Center lifecycle and its components for system configuration, operations management, data protection, virtual machine management, help desk support, change management, asset control, capacity planning, and mobile device management. You'll learn about individual components and how to integrate them to build automated, exceptionally efficient managed environments. For smaller businesses, the book also presents Microsoft's streamlined, lower-cost IT management offering, System Center Essentials 2010. Use System Center Configuration Manager 2012 to image, update, manage, and support servers and clients Proactively monitor your system and physical assets? VMM 2008 not only supports Windows Server 2008 Hyper-V, but also VMware ESXas well! Features a winning author team behind the new VMM Describes all the new and enhanced features of VMM 2008 R2 and devotes ample time to how it also supports top competitors VMware ES Uses a hands-on approach, giving you plenty of practical examples to clarify concepts Open this in-depth guide and discover techniques and processes you can put to immediate use.

Mastering System Center Data Protection Manager 2007

Microsoft System Center Cloud Management with App Controller

Microsoft Windows Server 2008 R2 Administrator's Reference

Systems Analysis and Design: Techniques, Methodologies, Approaches, and Architecture

System Center Operations Manager (OpsMgr) 2007 R2 Unleashed

The IT pro's must-have guide to Windows Server 2016 Mastering Windows Server 2016 is a complete resource for IT professionals needing to get quickly up to date on the latest release. Designed to provide comprehensive information in the context of real-world usage, this book offers expert guidance through the new tools and features to help you get Windows Server 2016 up and running quickly. Straightforward discussion covers all aspects, including virtualization products, identity and access, automation, networking, security, storage and more, with clear explanations and immediately-applicable instruction. Find the answers you need, and explore new solutions as Microsoft increases their focus on security, software-defined infrastructure, and the cloud; new capabilities including containers and Nano Server, Shielded VMs, Failover Clustering, PowerShell, and more give you plenty of tools to become more efficient, more effective, and more productive. Windows Server 2016 is the ideal server for Windows 10 clients, and is loaded with new features that IT professionals need to know. This book provides a comprehensive resource grounded in real-world application to help you get up to speed quickly. Master the latest features of Windows Server 2016 Apply new tools in real-world scenarios Explore new capabilities in security, networking, and the cloud Gain expert guidance on all aspect of Windows Server 2016 migration and management System administrators tasked with upgrading, migrating, or managing Windows Server 2016 need a one-stop resource to help them get the job done. Mastering Windows Server 2016 has the answers you need, the practicality you seek, and the latest information to get you up to speed quickly.

Fully updated for Windows Server 2012 R2! Designed to help enterprise administrators develop real-world, job-role-specific skills - this Training Guide focuses on deploying and managing core infrastructure services in Windows Server 2012 R2. Build hands-on expertise through a series of lessons, exercises, and suggested practices - and help maximize your performance on the job. This Microsoft Training Guide: Provides in-depth, hands-on training you take at your own pace Focuses on job-role-specific expertise for deploying and managing core infrastructure services Creates a foundation of skills which, along with on-the-job experience, can be measured by Microsoft Certification exams such as 70-410 Topics include: Preparing for Windows Server 2012 R2 Deploying servers Server remote management New Windows PowerShell capabilities

Deploying domain controllers Active Directory administration Network administration Advanced networking capabilities

Get up-to-date quickly with SCOM 2016 Mastering System Center Configuration Manager provides comprehensive coverage of Microsoft's powerful network software deployment tool, with a practical hands-on approach. Written by Santos Martinez, Peter Daalmans, and Brett Bennett, this guide walks you through SCCM 2016 with in-depth explanations anchored in real-world applications to get you up to speed quickly. Whether you're planning a new installation or migrating from a previous version of Configuration Manager, this book provides clear instruction and expert insight to get the job done right. Fully aligned with the latest release, the discussion covers the newest tools and features with examples that illustrate utility in a variety of contexts. System Center Configuration Manager (formerly SMS) is one of Microsoft's flagship products; the 2016 release has been updated with better Windows 10 and Windows Server 2016 compatibility, improved tools for managing non-Microsoft mobile devices in the cloud, and more. This book provides start-to-finish coverage and expert guidance on everything you need to get your system up to date. Deploy software and operating systems Automate processes and customize configurations Monitor performance and troubleshoot issues Manage security in the cloud and on Virtual Machines SCCM 2016 improves your ability to handle the bring-your-own-device influx in managing mobile, streamlining the latest hiccup right into the everyday workflow. Mastering System Center Configuration Manager provides the practical coverage you need to get up and running seamlessly.

This comprehensive resource will help you automate and optimize all facets of service management with System Center 2012 Service Manager. Expert consultants offer deep "in the trenches" insights for improving problem resolution, change control, release management, asset lifecycle management, chargeback, and more. You'll learn how to implement high-value best practices from ITIL and the Microsoft Operations Framework. The authors begin with an expert overview of Service Manager, its evolution, and its new capabilities. Next, they walk through overall planning, design, implementation, and upgrades. Then, to help you focus your efforts, they present stepwise coverage of all topics in each feature area, linking technical information about Service Manager with essential knowledge about the technologies it depends on. Whatever your role in deploying or running Service Manager, this guide will help you deliver more responsive support at lower cost and drive more value from all your IT investments. • Leverage MOF and ITIL processes built into System Center 2012 Service Manager • Plan and design your Service Manager deployment • Install Service Manager or upgrade from earlier versions • Efficiently administer work and configuration items • Use connectors to integrate with Active Directory, Exchange, and System Center components • Create service maps • Enable end user access through Service Manager's self-service portal • Implement incident, problem, change, and release management • Utilize workflows to automate key support processes • Create service level agreements with calendars, metrics, and objectives • Provide quick access to a standardized catalog of services • Use notification to ensure that Service Manager items are promptly addressed • Secure Service Manager and its data warehouse/reporting platform • Perform maintenance, backup, and recovery • Manage Service Manager performance • Customize Service Manager

Microsoft System Center 2012 Unleashed

Microsoft System Center Virtual Machine Manager 2012 Cookbook

Introducing Microsoft System Center 2012 R2

Deploying the Hyper-V Enterprise Server Virtualization Platform

Mastering System Center Configuration Manager 2007 R2

Learn to deploy and support Hyper-V, building on what you know about VMware's vSphere. Whether you're looking to run both hypervisors in parallel or migrate completely, Hyper-V for VMware Administrators has everything you need to get started. The book begins with an overview of Hyper-V basics, including common management tasks such as creating a virtual machine and building a virtual network. You'll learn how to deploy a failover cluster to protect against the risk of Hyper-V becoming a single point of failure, and how to make virtual machines fault tolerant. System Center Virtual Machine Manager (SCVMM) is the preferred tool for managing large Hyper-V deployments, so you'll get to know this next and how it differs from VMware's vCenter solution, as well as how to manage a mixed environment including both vSphere and Hyper-V deployments. Like any server migration, a virtual server migration requires careful planning to ensure success. You'll find information here on the specifics of migrating from vSphere to Hyper-V, planning for down time, IP address differences, performance considerations, and more. For migrations to Hyper-V, SCVMM is once again the preferred tool, but you'll also be introduced to some of the excellent free tools available. One easily overlooked aspect of the migration process is the way in which it impacts your backup and recovery strategy. Knowing the best practices here can help you protect your Hyper-V environment. The book also covers how to monitor and maintain your Hyper-V environment once it's up and running, using features like Cluster-Aware Updating, automated live migrations, and availability sets. The concluding chapter shows you how to take advantage of the efficiencies provided by virtual machine libraries and templates. Approach Hyper-V with confidence, and the knowledge that you've planned for success, with Hyper-V for VMware Administrators.

Get the information you need to make good SharePoint design decisions Determine the best design for your SharePoint implementation by gaining a deeper understanding of how the platform works. Written by a team of SharePoint experts, this practical guide introduces the Microsoft SharePoint 2013 architecture, and walks you through design considerations for planning and building a custom SharePoint solution. It's ideal for IT professionals, whether or not you have experience with previous versions of SharePoint. Discover how to: Dive deeper into SharePoint 2013 architecture components Gather requirements for a solution that fits your needs Upgrade from Microsoft SharePoint 2010 to 2013 Design service applications for performance and redundancy Provide the right storage plan for a SharePoint farm Map authentication and authorization requirements to your solution Take steps necessary to design a secure implementation Plan your business continuity management strategy Validate your SharePoint architecture to ensure success

In-depth and comprehensive, this official RESOURCE KIT delivers the information you need to plan, implement, and manage a virtualized enterprise infrastructure. Covers R2 features. You get authoritative technical guidance from those who know the technology best—leading industry experts and the Windows Virtualization Team—along with sample scripts, job aids, and other essential resources. Get expert advice on how to: Manage the project visioning phase—scope, risks, budget Design Hyper-V server infrastructure and components Apply the steps and tools that streamline installation Configure single or multiple Hyper-V servers Plan a server workload consolidation strategy Use console-based tools to manage central and remote operations Minimize downtime when migrating from Microsoft Virtual Server to Hyper-V Apply security best practices Implement business continuity and recovery plans Monitor health and tune performance CD features: Library of Windows PowerShell scripts for automating Hyper-V management tasks Understanding Microsoft Virtualization Solutions From Desktop to Datacenter eBook Job aids and links to useful virtualization-related resources and tools Fully searchable eBook of this guide A Note Regarding the CD or DVD For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

Provides information on the design, deployment, and configuration of OpsMgr 2007, covering such topics as setting up ACS, establishing client monitoring, and developing management packs and reports.

Microsoft Vista for IT Security Professionals

Hearings Before a Subcommittee of the Committee on Appropriations, House of Representatives, One Hundred Seventh Congress, Second Session

System Center 2012 Service Manager Unleashed

System Center 2012 Configuration Manager Unleashed

Microsoft SharePoint 2013 Designing and Architecting Solutions

Maximize your administration skills effectively and efficiently Key Features Implement cost-effective virtualization solutions for your organization with actionable recipes Explore the concepts of VMM with real-world use cases Use the latest features with VMM 2016 such as Cluster OS Rolling Upgrade, Guarded Fabric and Storage Spaces Direct Book Description Virtual Machine Manager (VMM) 2016 is part of the System Center suite to configure and manage datacenters and offers a unified management experience on-premises and Azure cloud. This book will be your best companion for day-to-day virtualization needs within your organization, as it takes you through a series of recipes to simplify and plan a highly scalable and available virtual infrastructure. You will learn the deployment tips, techniques, and solutions designed to show users how to improve VMM 2016 in a real-world scenario. The chapters are divided in a way that will allow you to implement the VMM 2016 and additional solutions required to effectively manage and monitor your fabrics and clouds. We will cover the most important new features in VMM 2016 across networking, storage, and compute, including brand new Guarded Fabric, Shielded VMs and Storage Spaces Direct. The recipes in the book provide step-by-step instructions giving you the simplest way to dive into VMM fabric concepts, private cloud, and integration with external solutions such as VMware, Operations Manager, and the Windows Azure Pack. By the end of this book, you will be armed with the knowledge you require to start designing and implementing virtual infrastructures in VMM 2016. What you will learn Plan and design a VMM architecture for real-world deployment Configure fabric resources, including compute, networking, and storage Create and manage Storage Spaces Direct clusters in VMM Configure Guarded Fabric with Shielded VMs Create and deploy virtual machine templates and multi-tier services Manage Hyper-V and VMware environments from VMM Enhance monitoring and management capabilities Upgrade to VMM 2016 from previous versions Who this book is for If you are a solutions architect, technical consultant, administrator, or any other virtualization enthusiast who needs to use Microsoft System Center Virtual Machine Manager in a real-world environment, then this is the book for you.

NOTE: This title is also available as a free eBook. It is offered for sale in print format as a convenience. Get a head start evaluating System Center 2012 R2 - with technical insights from a Microsoft MVP and members of the System Center product team. This guide introduces new features and capabilities, with scenario-based advice on how the platform can meet the needs of your business. Get the high-level overview you need to begin preparing your deployment now. Preview new features and enhancements, including: Virtual Machine Manager App Controller Configuration Manager Data Protection Manager Operations Manager Advisor Service Manager Orchestrator

For the last two decades, IS researchers have conducted empirical studies leading to better understanding of the impact of Systems Analysis and Design methods in business, managerial, and cultural contexts. SA & D research has established a balanced focus not only on technical issues, but also on organizational and social issues in the information society.This volume presents the very latest, state-of-the-art research by well-known figures in the field. The chapters are grouped into three categories: techniques, methodologies, and approaches.

Describes the key concepts, practices, and processes of System Center Orchestrator 2012, covering such topics as architectural design, installation and implementation, and integration packs.

Getting Started with Microsoft System Center Operations Manager

Exam Ref 70-247

Mastering Virtual Machine Manager 2008 R2

Mastering Hyper-V 2012 R2 with System Center and Windows Azure

Windows Server 2008 Hyper-V Resource Kit

A beginner's guide to help you design, deploy and administer your System Center Operations Manager 2016 and 2012 R2 environments About This Book Discover how to monitor complex IT environments with System Center Operations Manager using tips, tricks and best practice recommendations from industry experts. Learn how to create eye-catching dashboards and reports to help deliver a tangible return on investment back to your organization. Optimize, troubleshoot and perform disaster recovery in Operations Manager using step by step examples based on real-world scenarios. Who This Book Is For The target audience for this book is the IT Pro or System Administrator who wants to deploy and use System Center Operations Manager but has no previous knowledge of the product. As a 'Getting Started' book, our primary objective is to equip you with the knowledge you need to feel comfortable when working with common monitoring scenarios in OpsMgr. With this in mind, deep-diving into less-common OpsMgr features such as Audit Collection Services (ACS), Agentless Exception Monitoring (AEM) and Application Performance Monitoring (APM) has been intentionally omitted. What You Will Learn Install a new System Center 2016 Operations Manager Management Group Design and provision custom views to relevant support teams. Understand how to deploy agents Work with management packs Monitor network devices Model your IT services with distributed applications Create dashboards and custom visualizations Tune, optimize, maintain and troubleshoot System Center Operations Manager In Detail Most modern IT environments comprise a heterogeneous mixture of servers, network devices, virtual hypervisors, storage solutions, cross-platform operating systems and applications. All this complexity brings a requirement to deliver a centralized monitoring and reporting solution that can help IT administrators quickly identify where the problems are and how

best to resolve them. Using System Center Operations Manager (OpsMgr), administrators get a full monitoring overview of the IT services they have responsibility for across the organization - along with some useful management capabilities to help them remediate any issues they've been alerted to. This book begins with an introduction to OpsMgr and its core concepts and then walks you through designing and deploying the various roles. After a chapter on exploring the consoles, you will learn how to deploy agents, work with management packs, configure network monitoring and model your IT services using distributed applications. There's a chapter dedicated to alert tuning and another that demonstrates how to visualize your IT using dashboards. The final chapters in the book discuss how to create alert subscriptions, manage reports, backup and recover OpsMgr, perform maintenance and troubleshoot common problems. Style and approach A beginner's guide that focuses on providing the practical skills required to effectively deploy and administer OpsMgr with walkthrough examples and tips on all the key concepts.

This books takes a comprehensive tutorial approach with plenty of screenshots and detailed step-by-step instructions.This book is for Windows server administrators, who may not necessarily be familiar with Hyper-V, and also for existing Hyper-V administrators who want to advance their skills in Windows Server 2012 Hyper-V.

Prepare for Microsoft Exam 70-247-and help demonstrate your real-world mastery configuring and deploying a private cloud using Microsoft System Center 2012 R2. Designed for experienced IT professionals ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSE level. Focus on the expertise measured by these objectives: Design and deploy System Center Configure System Center infrastructure Configure the fabric Configure System Center integration Configure and deploy virtual machines and services This Microsoft Exam Ref : Organizes its coverage by objectives for Exam 70-247 Features strategic, what-if scenarios to challenge you Requires experience with Windows Server, System Center 2012, security, high availability, fault tolerance, and networking in an enterprise environment, and basic skills with SQL Server, Windows PowerShell, and application configuration.

Learn the foundation of cloud computing and how to build your own Microsoft private cloud Written by a team of expert authors who are MVPs and leaders in their respective fields, this one-of-a-kind book is an essential resource for IT administrators who are responsible for implementing and managing a cloud infrastructure. You'll quickly learn how cloud computing offers significant cost savings while also providing new levels of speed and agility. Serving as a how-to guide, Microsoft Private Cloud Computing walks you through building a secure, internal cloud and delivering it as a service to your company using Microsoft Windows Server Hyper-V and Microsoft System Center Virtual Machine Manager 2012. Walks you through the entire process: understanding cloud computing, understanding the Microsoft concept of a private cloud, deploying a private cloud fabric, deploying services, and building a private cloud, as well as integrating it with Microsoft's public cloud to create a cross-premises or public cloud Discusses fabric management with System Center Virtual Machine Manager (VMM) 2012 Examines how to provide network and storage with VMM 2012 Looks at the VMM library configuration Discusses private cloud and cloud service management with Microsoft App Controller Microsoft Private Cloud Computing is a must-have comprehensive resource that covers all aspects of implementing a private cloud.

Training Guide

Department of Transportation and Related Agencies Appropriations for 2003: Department of Transportation, Federal Motor Carrier Safety Administration

Microsoft System Center Enterprise Suite Unleashed

Mastering System Center Configuration Manager

Mastering Windows Server 2016

This book is perfect for IT administrators who are looking to enhance their skills on system and asset management. A fair understanding of the core elements and applications related to SCCM would be helpful.

Department of Transportation and Related Agencies Appropriations for 2003: Department of Transportation, Federal Aviation Administration

Second Edition

Technical Abstract Bulletin

Windows Server 2012 Hyper-V