

Microsoft System Center 2016 Service Manager Cook

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.

If you are a Microsoft System Center administrator who manages System Center environments and utilizes the console for management, then this book is ideal for you. This book is also for System Center users who now want to learn to manage systems using PowerShell.

Over 30 recipes to automate your mission-critical tasks using the new and powerful Microsoft System Center 2016 Orchestrator About This Book Create powerful runbooks for the entire System Center 2016 product line Explore System Center 2016

Orchestrator to manage and automate your datacenter A recipe-based guide to using SCO efficiently Who This Book Is For If you are a system administrator and want to simplify the process of automating system administration tasks using System Center Orchestrator 2016 then this book is for you. A basic knowledge of SCO is expected

What You Will Learn Create Runbooks for IT Service Management processes Design and create Runbooks for System Center Configuration Manager and Virtual Machine Manager Set up System Center Orchestrator, making it highly available Create

branching, looping, and child Runbooks to completely master System Center 2016 Orchestrator Implement a security model for your System Center Orchestrator

deployment and to execute Runbooks Manage and automate your Datacenter with powerful Runbooks Automate your System Center environment In Detail With Microsoft System Center 2016 Orchestrator Cookbook, you will start by learning how to efficiently

install and secure System Center Orchestrator. You will then learn how you can create configuration files for SCO 2016. After initial installation and configuration, you will soon be planning and creating functional and fault-tolerant System Center runbooks to automate daily tasks and routine operations. Next you will delve into runbooks; you will learn how to create powerful and advanced runbooks such as Building your Runbook without a Dead End. You will also learn to create simple and advanced runbooks for your daily tasks. Towards the end of the book, you will learn to use SCO for other interesting tasks and also learn to maintain and perform SCO health checks. By the end of the book, you will be able to automate your administrative tasks successfully with SCO. Style and approach This book is written in a practical, cookbook style with numerous chapters and recipes focusing on creating runbooks to automate mission-critical and everyday administration tasks.

Microsoft System Center Configuration Manager's SQL Server database contains valuable information about your users, computers, hardware, operating systems, applications, compliance status, and much more. Microsoft has provided excellent tools for extracting this information in meaningful ways, including SQL Server Reporting Services (SSRS) and SQL Server Data Tools Business Intelligence (SSDT-BI). System Center Configuration Manager Reporting Unleashed shows you how to make the most of these tools. World-renowned System Center reporting guru Garth Jones and his expert coauthors guide you through all facets of custom reporting with System Center.

You'll walk through installing and configuring SSRS, using SQL views to find the data you need, writing SQL queries, creating basic and advanced reports, and using role-based administration to securely deliver those reports to the correct individuals. Jones brings together reliable, comprehensive, and up-to-date System Center reporting techniques you'll find in no other book or website. Using this guide, you can consistently retrieve the right information to solve immediate problems and quickly respond to management concerns. Detailed information on how to...

- *Install and configure SQL SSRS for optimal System Center reporting and easier troubleshooting*
- *Understand the data stored in the ConfigMgr site database*
- *Efficiently retrieve ConfigMgr data by writing SQL queries in SQL Server Management Studio*
- *Learn best practices for developing and designing System Center reports*
- *Create report templates, customize content with report parameters, and embed charts*
- *Customize logos, color palettes, and other report elements for your own organization*
- *Construct advanced drillthroughs to provide deeper understanding*
- *Strengthen report security by integrating ConfigMgr role-based administration into SQL queries*
- *Leverage reporting to measure KPIs and gain a better understanding of your environment*
- *Tailor your reports to the needs of end-users or management*

Foreword by Wally Mead, Principal Program Manager, Cireson The only book entirely dedicated to Configuration Manager reporting, this guide complements Meyler's System Center 2012 Configuration Manager Unleashed, offering far more in-depth coverage of reporting than the single

chapter in that book. Most of the content in this new guide will be equally valuable in both System Center 2016 and 2012 environments.

Microsoft System Center 2016 Orchestrator Cookbook

Exam 70-740, Exam 70-741, Exam 70-742, and Exam 70-743

Windows Server 2016 Administration Fundamentals

Microsoft System Center Configuration Manager Field Experience

System Center Configuration Manager Reporting Unleashed

Prepare for Microsoft Exam 70-740—and help demonstrate your real-world mastery of Windows Server 2016 installation, storage, and compute features and capabilities.

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 MCSA level.

Focus on the expertise measured by these objectives:

- Install Windows Servers in host and compute environments
- Implement storage solutions
- Implement Hyper-V
- Implement Windows containers
- Implement high availability
- Maintain and monitor server environments

This Microsoft Exam Ref:

- Organizes its coverage by exam objectives
- Features strategic, what-if scenarios to challenge you
- Assumes you have experience working with Windows Server in an enterprise environment; are familiar with core networking infrastructure, topologies, architectures, and protocols; and have experience with Windows clients and virtualization

About the Exam Exam 70-740 focuses on the skills and knowledge necessary to implement and configure storage and compute features and functionality in Windows Server 2016.

About Microsoft Certification Passing this exam

earns you credit toward a Microsoft Certified Solutions Associate (MCSA) certification that demonstrates your mastery of core Windows Server 2016 skills for reducing IT costs and delivering more business value. Exam 70-741 (Networking with Windows Server 2016) and Exam 70-742 (Identity with Windows Server 2016) are also required for MCSA: Windows Server 2016 certification. See full details at: microsoft.com/learning

Over 30 recipes to automate your mission-critical tasks using the new and powerful Microsoft System Center 2016 Orchestrator

About This Book* Create powerful runbooks for the entire System Center 2016 product line* Explore System Center 2016 Orchestrator to manage and automate your datacenter* A recipe-based guide to using SCO efficiently

Who This Book Is For If you are a system administrator and want to simplify the process of automating system administration tasks using System Center Orchestrator 2016 then this book is for you. A basic knowledge of SCO is expected

What You Will Learn* Create Runbooks for IT Service Management processes* Design and create Runbooks for System Center Configuration Manager and Virtual Machine Manager* Set up System Center Orchestrator, making it highly available* Create branching, looping, and child Runbooks to completely master System Center 2016 Orchestrator* Implement a security model for your System Center Orchestrator deployment and to execute Runbooks* Manage and automate your Datacenter with powerful Runbooks* Automate your System Center environment

In Detail With Microsoft System Center 2016 Orchestrator Cookbook, you will start by learning how to efficiently install and secure System Center Orchestrator. You will then learn how you can create configuration files for SCO 2016. After initial installation and configuration, you will soon be planning and creating functional and fault-tolerant System

Center runbooks to automate daily tasks and routine operations. Next you will delve into runbooks; you will learn how to create powerful and advanced runbooks such as Building your Runbook without a Dead End. You will also learn to create simple and advanced runbooks for your daily tasks. Towards the end of the book, you will learn to use SCO for other interesting tasks and also learn to maintain and perform SCO health checks. By the end of the book, you will be able to automate your administrative tasks successfully with SCO. Style and approach This book is written in a practical, cookbook style with numerous chapters and recipes focusing on creating runbooks to automate mission-critical and everyday administration tasks.

System Center Configuration Manager Current Branch provides a total systems management solution for a people-centric world. It can deploy applications to individuals using virtually any device or platform, centralizing and automating management across on-premise, service provider, and Microsoft Azure environments. In System Center Configuration Manager Current Branch Unleashed, a team of world-renowned System Center experts shows you how to make the most of this powerful toolset. The authors begin by introducing modern systems management and offering practical strategies for coherently managing today's IT infrastructures. Drawing on their immense consulting experience, they offer expert guidance for ConfigMgr planning, architecture, and implementation. You'll walk through efficiently performing a wide spectrum of ConfigMgr operations, from managing clients, updates, and compliance to reporting. Finally, you'll find current best practices for administering ConfigMgr, from security to backups. Detailed information on how to: Successfully manage distributed, people-centric, cloud-focused IT

environments Optimize ConfigMgr architecture, design, and deployment plans to reflect your environment Smoothly install ConfigMgr Current Branch and migrate from Configuration Manager 2012 Save time and improve efficiency by automating system management Use the console to centralize control over infrastructure, software, users, and devices Discover and manage clients running Windows, macOS, Linux, and UNIX Define, monitor, enforce, remediate, and report on all aspects of configuration compliance Deliver the right software to the right people with ConfigMgr applications and deployment types Reliably manage patches and updates, including Office 365 client updates Integrate Intune to manage on-premise and mobile devices through a single console Secure access to corporate resources from mobile devices Manage Microsoft's enterprise antimalware platform with System Center Endpoint Protection Using this guide's proven techniques and comprehensive reference information, you can maximize the value of ConfigMgr in your environment-no matter how complex it is or how quickly it's changing.

Build a seamless, flexible, full-service datacenter solution Microsoft Windows Server 2016 Hyper-V is the IT administrator's guide to this rising datacenter solution. Hyper-V has already surpassed VMWare in datacenter management, identity service for multiple devices, and more; this book shows you how to harness the power of this hypervisor to simplify the infrastructure, reduce costs, improve productivity, and better manage system resources. From a tour of the technology through architecture, deployment, and integration of System Center, Microsoft Azure, and Microsoft Azure Stack, the discussion illustrates the skills you need to create a complete solution for optimum enterprise management. Coverage includes Windows Azure capabilities for virtual machines,

managing a hybrid cloud, IaaS, storage capabilities, PowerShell, and more, with practical real-world guidance from a leading authority in the field. Hyper-V has recently undergone improvements in scalability and features that have positioned it as an ideal solution in the Small/Medium Business and Enterprise markets. This book shows you how to exploit these new capabilities to build a robust data solution for your organization. Discover the capabilities of Microsoft Hyper-V Architect a Hyper-V datacenter solution Plan and manage a deployment or migration Integrate complementary technologies for full scalability Data is everywhere—on desktops, laptops, phones, and multiple operating systems, accessed through email, text messages, web searches, online services, and more. All of this data must be stored, accessible, updated, backed up, secured, managed, sorted, and analyzed—sometimes instantly. Hyper-V is the rising star in the virtualization space, and Microsoft Windows Server 2016 Hyper-V shows you how to turn greater capabilities into better datacenter solutions.

Automating deployment by using System Center Configuration Manager

Implementing Azure Cloud Design Patterns

Implementing DirectAccess with Windows Server 2016

Windows Server 2016 Unleashed (includes Content Update Program)

Deploy, set up, and deliver network services with Windows Server while preparing for the MTA 98-365 exam and pass it with ease

Part of a series of specialized guides on System Center - this book delivers a focused drilldown into designing runbooks for Orchestrator workflow management solutions. Series editor Mitch Tulloch and a team of System

Center experts provide concise technical guidance as they step you through key design concepts, criteria, and tasks.

Get a head start evaluating Windows Server 2016—guided by the experts. Based on Technical Preview 4, John McCabe and the Windows Server team introduce the new features and capabilities, with practical insights on how Windows Server 2016 can meet the needs of your business. Get the early, high-level overview you need to begin preparing your deployment now!

A hands-on guide to mastering Azure cloud design patterns and best practices. Key Features Master architectural design patterns in Azure. Get hands-on with implementing design patterns. Implement best practices for improving efficiency and security Book Description A well designed cloud infrastructure covers factors such as consistency, maintenance, simplified administration and development, and reusability. Hence it is important to choose the right architectural pattern as it has a huge impact on the quality of cloud-hosted services. This book covers all Azure design patterns and functionalities to help you build your cloud infrastructure so it fits your system requirements. This book initially covers design patterns that are focused on factors such as availability and data management/monitoring. Then the focus shifts to complex design patterns such as multitasking, improving scalability, valet keys, and so on, with practical use cases. The

book also supplies best practices to improve the security and performance of your cloud. By the end of this book, you will thoroughly be familiar with the different design and architectural patterns available with Windows Azure and capable of choosing the best pattern for your system. What you will learn

- Learn to organize Azure access
- Design the core areas of the Azure Execution Model
- Work with storage and data management
- Create a health endpoint monitoring pattern
- Automate early detection of anomalies
- Identify and secure Azure features

Who this book is for This book is targeted at cloud architects and cloud solution providers who are looking for an extensive guide to implementing different patterns for the deployment and maintenance of services in Microsoft Azure. Prior experience with Azure is required as the book is completely focused on design patterns.

Conquer Windows Server 2016—from the inside out! Dive into Windows Server 2016—and really put your Windows Server expertise to work.

Focusing on Windows Server 2016's most powerful and innovative features, this supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds—all you need to plan, implement, or manage Windows Server in enterprise, data center, cloud, and hybrid environments. Fully reflecting Windows Server new capabilities for the cloud-first era, Orin covers everything from Nano Server to Windows Server and Hyper-V

Containers. You'll discover how experts tackle today's essential tasks—and challenge yourself to new levels of mastery. • Optimize the full Windows Server 2016 lifecycle, from planning and configuration through rollout and administration • Ensure fast, reliable upgrades and migrations • Seamlessly deliver core DNS, DHCP, file, print, storage, and Internet services • Use IPAM to centrally manage all enterprise DNS and DHCP infrastructure • Gain dramatic storage utilization improvements with built-in deduplication and storage replica • Build flexible cloud and hybrid environments with Windows Containers and Shielded VMs • Seamlessly integrate Azure IaaS services with Windows Server 2016 • Slash resource usage and improve availability with tiny Nano Server installations • Improve configuration management with Desired State Configuration and Chef • Deliver Active Directory identity, certificate, federation, and rights management services • Protect servers, clients, assets, and users with advanced Windows Server 2016 security features including Just Enough Administration For Experienced Windows Server Users and IT Professionals • Your role: Experienced intermediate-to-advanced level Windows Server user or IT professional • Prerequisites: Basic understanding of Windows Server procedures, techniques, and navigation

Microsoft System Center Data Protection Manager Cookbook
Getting Started with Microsoft System Center Operations Manager

Microsoft System Center Designing Orchestrator Runbooks
Deploying Windows 10

Microsoft System Center 2016 Service Manager Cookbook - Second Edition Book + Content Update Program This is the most comprehensive and realistic guide to Windows Server 2016 planning, design, prototyping, implementation, migration, administration, and support. Extensively updated, it contains unsurpassed independent and objective coverage of Windows Server 2016 ' s key innovations, from the cloud and containers to security and mobility. Windows Server 2016 Unleashed reflects the authors ' extraordinary experience implementing Windows Server 2016 in large-scale environments since its earliest alpha releases. Microsoft MVP Rand Morimoto and colleagues fully address all aspects of deploying and operating Windows Server 2016, including Active Directory, networking, application services, security, administration, business continuity, virtualization, optimization, and troubleshooting. You ' ll find up-to-the-minute coverage of new features ranging from Storage Spaces Direct to Cluster-Aware Updating, and Dynamic Access Control to Nano Server. Valuable for Windows pros at all levels, this book will be indispensable especially for intermediate-to-advanced level professionals seeking expert, in-depth solutions. Every chapter contains tips, tricks, best practices, and lessons learned from

actual deployments—practical help for solving real problems. Detailed information on how to: Take full advantage of key Windows Server 2016 innovations Plan, prototype, install, migrate to, and deploy Windows Server 2016 and Server Core Design a modern Windows Server Active Directory, from OUs and infrastructure to Federated Forests and Lightweight Directories Deliver reliable networking services: DNS, WINS, DNSSEC, DHCP, IPv, IPAM, and IIS Systematically harden server-level security Protect data in transit with PKI, certificates, rights management, and IPsec encryption Safely provide appropriate remote and mobile access for your users Efficiently administer, automate, maintain, and document Windows Server production environments Control Windows devices centrally with Group Policies and Policy Management Implement advanced fault tolerance, clustering, and other business continuity features Optimize, tune, and debug Windows Server, and plan for growth Leverage integrated application services, including SharePoint and Hyper-V In addition, this book is part of InformIT 's Content Update Program, which provides content updates for major technology improvements! As significant updates are made to Windows Server 2016, sections of this book will be updated or new sections will be added to match the updates to the technologies. As updates become available, they will be delivered to you via a free Web Edition of this

book, which can be accessed with any Internet connection. To learn more, visit informit.com/cup. How to access the Web Edition: Follow the instructions in the book to learn how to register your book to access the FREE Web Edition.

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

DetailMost 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.

Over 90 practical recipes to help you master the art of IT Services Management for your organization About This Book* Unleash the capabilities of Microsoft System Center 2016 Service Manager* Master the skills of configuring, deploying, managing operations guide and troubleshooting your Service Manager 2016* Contains practical recipes that leverage the key and newly added features and functionalities of Microsoft System Center 2016 Service Manager Who This Book Is For This book will be useful to IT professionals including SCSM administrators who want to configure and administer System Center Service Manager 2016 and understand how to solve specific problems and scenarios that arise. It will also be useful to users of Service Manager 2012 who want to learn about the new features and capabilities of the Service Manager 2016 release. What you will learn* See a practical implementation of the ITSM framework and processes based on ITIL* Know how to personalize Service

Manager 2016 administration* Configure Service Level Agreements* Deploy and configure the new Service Manager HTML 5 Self-Service Portal* See how to build the Configuration Management Database* Make Incident, Problem, and Change Management Design* Build Service Catalog design and configuration* Get to know Advanced Personalization of Service Manager* Automate Service Manager 2016* Know how to work with the Service Manager Data Warehouse* Implement Security Roles

In Detail

System Center Service Manager (SCSM) is an integrated platform that offers a simplified data center management experience by implementing best practices such as Incident Management, Service Request, and Change control to achieve efficient service delivery across your organization. This book provides you with real-world, immediately usable recipes that will show you how to configure and administer SCSM 2016. You'll also find out how to solve particular problems and scenarios to take this tool further. You'll work through recipes on the practical implementation of ITSM frameworks and processes, Microsoft System Center 2016 Service Manager administration, how to configure Service Level Agreements (SLAs). We also cover the newly added features to the Service Manager HTML 5 Self-Service Portal, Incident and Problem Management, the design of change and release management as well as implementing and editing security roles. Toward the end of the book, we'll look at

across advanced topics, such as presenting the wealth of information stored within the Service Manager Data Warehouse, standardizing SCSM deployments, and implementing automation.

Manage and administer your environment with ease About This Book Get your hands on learning the fundamentals to managing and administering Windows Server 2016. A step-by-step guide that will help you develop necessary skills and knowledge to manage an enterprise environment. Learn to implement strong networking and security practices into your Windows Server environment. Who This Book Is For If you are a System administrator or an IT professional interested in configuring and deploying Windows Server 2016 then, this book is for you. This book will also help readers clear the MTA: Windows Server Administration Fundamentals: 98-365 exam. What You Will Learn Become familiar with Windows Server OS concepts Learn how to install Windows Server 2016 Learn how to install device drivers and run services in Windows Server 2016 Learn how to add and install roles in Windows Server 2016 Learn how to apply GPO to your Windows Server 2016 environment Learn how to tune, maintain, update, and troubleshoot Windows Server 2016 Prepare for the MTA 98-365 exam In Detail Windows Server 2016 is the server operating system developed by Microsoft as part of the Windows NT family of operating systems,

developed concurrently with Windows 10. This book is designed to get you started with Windows Server 2016. It will prepare you for your MTA 98-365 exam. With step-by-step instructions driven by targeted, easy-to-understand graphics, you will be able to understand the roles, features, functions, and quirks of Windows Server 2016. The book begins with the basics of Windows Server 2016, which includes the installation process and basic configuration. You will then move on to roles and features such as Active Directory, Hyper-V, Remote Access, Storage, and Printer. With the help of real-world examples, you will get to grips with the fundamentals of Windows Server 2016, which will help you solve difficult tasks the easy way. Later, the book also shows you maintenance and troubleshooting tasks, where with the help of best practices you will be able to manage Windows Server 2016 with ease. Each chapter ends with a questionnaire to ensure you make the best use of the content provided. By the end of this book, you will have the knowledge required to administer and manage Windows Server environments. Style and approach With step-by-step instructions driven by targeted, easy-to-understand graphics, this book explains and shows you how to use the roles and features, functions, and quirks of the Windows Server 2016. The chapters are presented in a step by step format accompanied by graphics wherever applicable.

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

System Center Configuration Manager Current Branch Unleashed (includes Content Update Program)

Exam Ref 70-740 Installation, Storage and Compute with Windows Server 2016

Mastering Windows Server 2016 Hyper-V

Mastering System Center Configuration Manager

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.

Microsoft Windows Server is a multi-purpose server designed to increase reliability and flexibility of a network infrastructure. Windows Server is the paramount tool used by enterprises in their datacenter and desktop strategy. The most recent versions of Windows Server also provide both server and client virtualization. Its ubiquity in the enterprise results in the need for networking professionals who know how to plan, design, implement, operate, and troubleshoot networks relying on Windows Server. Microsoft Learning is preparing the next round of its Windows Server Certification program with exams covering the new version of the software, Windows Server 2012. The

exams and certification path change significantly from the previous version of Windows Server. This provides an opportunity for the MS line to capitalize on the dual disruption of brand-new software and brand-new certifications. Part of a series of specialized guides on System Center, this book focuses on Microsoft System Center Operations Manager. For the seasoned professional, it covers the role of the Operations Manager product, the best practices for working with management packs, how to use the reporting feature to simplify managing the product, how to thoroughly troubleshoot, and how to use and install Operations Manager in the Microsoft Azure Public Cloud environment. Get up to date quickly with clear, expert coverage of SCCM 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.

Microsoft System Center 2016 Orchestrator Cookbook - Second Edition

Microsoft System Center 2012 Service Manager Cookbook

Microsoft System Center Configuration Manager Cookbook

Windows Server 2016 Inside Out (includes Current Book Service)

MCSA Windows Server 2016 Study Guide: Exam 70-740

Over 60 applicable recipes to administer and manage System Center Configuration Manager C
Branch About This Book Overcome the challenges of administering System Center Configurati
Manager when deploying single and multiple-hierarchy sites Help your organization to build a
custom-line of business apps and also protect the server against malware threats with Endpo

protection Get easy guidance and best practices to help you work with SCCM Who This Book
If you are an intermediate to advanced administrator who wants to administer SCCM and unc
how to solve particular problems/scenarios, then this book is for you. You should have a work
knowledge of SCCM, however, knowledge of the latest version is not required. What You Will
Administer System Center Configuration Manager Upgrade computers from Windows 7/ 8.x to
Windows 10, using Service Plans to keep Windows 10 machines up to date Manage Compliance
Settings effectively and monitor it with SSRS Manage Sites in System Center Configuration M
and also learn to create collections, leverage role-based administration (RBA), and support client
over the internet without a VPN connection Implement multiple methods to deploy the client,
as how to be proactive in monitoring client agent health Achieve Mobile device management v
Microsoft Intune In Detail This practical cookbook is based on the 1602 current branch of Sys
Center Configuration Manager (SCCM). It shows you how to administer SCCM, giving you an
essential toolbox of techniques to solve real-world scenarios. Packed with over 60 task-based
instantly usable recipes, you'll discover how design a SCCM Infrastructure, and dive into topics
as the recommended SQL configuration for SCCM and how to deploy Windows 10 with Opera
System Deployment (OSD). You will learn to easily manage Windows 10 devices by deploying
applications, software updates, and feature upgrades, andl be able to leverage Mobile Device
Management (MDM) using SCCM and Microsoft Intune. Finally, you see how to gather the
inventory of all your PC park and create reports based on it. By the end of the book, you will
learned the best practices when working with SCCM and have a handy reference guide for
troubleshooting. Style and approach This cookbook is full of quick recipes that show you how
administer SCCM and will help you understand how to solve particular problems/situations

encountered in day-to-day tasks.

Part of a series of specialized guides on System Center - this book shares real-world expertise using Configuration Manager capabilities to deliver more effective IT services. Series editor M. Tulloch and a team of System Center experts provide concise technical guidance as they step through key deployment and management scenarios.

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 Management (VMM) 2016 is part of the System Center suite to configure and manage datacenters and of 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 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. This book 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 this book provide step-by-step instructions giving you the simplest way to dive into VMM fabric clouds, private cloud, and integration with external solutions such as VMware, Operations Manager, and 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 Pl

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 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 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.

Using System Center 2012 Orchestrator, you can capture and document processes across your IT organization, establishing the automation you need to deliver advanced cloud services and adjusting computing resources. Authored by five leading System Center experts, this comprehensive reference and technical guide brings together all the knowledge you'll need to architect, install, implement, integrate, and maximize the value of your own Orchestrator solutions. The authors introduce current best practices based on large-scale enterprise implementations they've performed or participated in. This up-to-date guide shows how to apply Orchestrator's major improvements to implement IT process automation in any environment, including private clouds. You'll start in context: what Orchestrator does, how it has evolved, how it works, and essential architectural design techniques. Next, the authors help you make crucial up-front decisions about activities, runbooks, security, and administration. Finally, you'll find expert guidance for integrating Orchestrator with the rest of System Center and with Windows Azure cloud services—including advanced automated workflows that encompass both data center and cloud. Detailed information how to...

- Understand System Center 2012 Orchestrator's capabilities, evolution, architecture

design, including SP1 improvements and R2 • Successfully install System Center 2012 Orchestrator and migrate smoothly from Opalis Integration Server 6.3 • Take full advantage of Orchestrator's advanced new runbook automation capabilities • Configure activities associated with runbook control, systems, scheduling, monitoring, files, email, notification, and data handling • Design runbooks for fault tolerance and optimal performance • Enforce strong security using roles, permissions, and auditing • Deliver integration capabilities for Operations Manager, Service Manager, Configuration Manager, Virtual Machine Manager, and Data Protection Manager • Automate end-to-end data center/ cloud workflows with integration packs and PowerShell • Create your own integration packs with Orchestrator Integration Toolkit (OIT.SDK) • Support Orchestrator 2012, troubleshoot problems, and discover the best web and third-party resources

Microsoft System Center PowerShell Essentials

System Center 2012 Operations Manager Unleashed

Mastering Windows Server 2016

Microsoft System Center 2016 Service Manager Cookbook

Microsoft Azure Essentials - Fundamentals of Azure

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 2007 to image, update, manage, and support servers and clients Proactively monitor your systems to identify and fix problems before they fail Use System Center Data Protection Manager 2010 to provide reliable, timely backup/recovery Implement and manage all aspects of virtualization, including virtual guest sessions on both Microsoft Hyper-V and VMware Make the most of System Center

Service Manager 2010's integrated tools for managing help desks, incidents, assets, and changes Use System Center Capacity Planner to properly size, procure, and deploy new systems Remotely track, secure, patch, update, and support mobile devices with System Center Mobile Device Manager Simplify small business IT management with System Center Essentials 2010's wizards and auto-configuration components Understanding Backups -- Overview of the Windows Server 2016 Backup Utility -- Setting Up an Active Directory Backup -- Restoring Active Directory -- Active Directory Recycle Bin -- Understanding the ntdsutil Utility -- Wbadmin Command-Line Utility -- Backing Up Virtual Machines -- PowerShell Commands -- Summary -- Video Resources -- Exam Essentials -- Review Questions -- Chapter 9 Understanding Monitoring -- Overview of Windows Server 2016 Performance Monitoring -- Using Windows Server 2016 Performance Tools -- Introducing Performance Monitor -- Using Other Monitoring Tools -- Summary -- Video Resources -- Exam Essentials -- Review Questions -- Appendix Answers

to the Review Questions -- Chapter 1: Installing Windows Server 2016 -- Chapter 2: Installing in the Enterprise -- Chapter 3: Configuring Storage and Replication -- Chapter 4: Understanding Hyper-V -- Chapter 5: Configuring High Availability -- Chapter 6: Understanding Clustering -- Chapter 7: Configuring Windows Containers -- Chapter 8: Maintaining Windows Server -- Chapter 9: Understanding Monitoring -- Index -- Advert -- EULA

'System Center Operations 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. The book provides coverage of planning, installation, and migration; configuration; and much more --

Focused technical guidance from System Center experts Part of a series of specialized guidance on System Center--this book provides a single end-to-end resource on Microsoft's software-defined datacenter solution built upon Windows Server 2012 R2 Hyper-V and System Center 2012 R2 Virtual

Machine Manager. The book walks you through a proof of concept (POC) deployment of a software-defined compute, storage, and networking infrastructure, starting from racking bare-metal servers through to the streamlined deployment of virtual machines.

Microsoft System Center Deploying Hyper-V with Software-Defined Storage & Networking

System Center 2016 Virtual Machine Manager Cookbook, Implement efficient design patterns for data management, high availability, monitoring and other popular patterns on your Azure Cloud

Exam 70-411 Administering Windows Server 2012

Microsoft System Center Endpoint Protection Cookbook

Get a head start deploying Windows 10--with tips and best practices from experts in the field. This guide shows you how to deploy Windows 10 in an automated way without impacting end users by leveraging System Center Configuration Manager, which is the most used product to deploy Microsoft operating systems in the industry today.

Troubleshoot all the aspects of your Configuration Manager installation, from basic easy checks to the advanced log files and serious issues About This Book Learn to troubleshoot Configuration Manager 2012 based versions of Microsoft System Center Understand the usability of tools and find

resolutions to all the issues of Configuration Manager A step-by-step practical guide with the necessary screenshots and examples Who This Book Is For If you are new to Configuration Manager or have experience with it, and are interested in identifying, diagnosing and resolving the System Center Configuration Manager administration issues then this book is for you. What You Will Learn Fix your clients and install them correctly Understand how your Configuration Manager hierarchy works Extend your error information Troubleshoot Configuration Manager roles Know your options when faced with problems Prevent future problems occurring In Detail Microsoft System Center Configuration Manager is the most popular enterprise client management solution in the world with some of the best features available. Troubleshooting this product, however, is not always as simple as you might want, not least getting to know the hundreds of log files and understanding how the various components work. The book starts with discussing the most commonly used tools for troubleshooting the variety of problems that can be seen in Configuration Manager. It then moves to providing a high level view of the available log files, their locations, what they relate to and what they typically contain. Next, we will look at how we can fully utilize and extend all the available information from the console monitoring pane through to the status messages and down into error logging with some further reaches into WMI, SQL, registry and the file structure. You will then learn what the common error codes mean, how to make sense of the less common ones and what they actually mean with respect to Configuration Manager. Further to this, you will pick up widely acknowledged best practices both from a proactive stance when carrying out your daily administrative tasks and also from a reactive position when the green lights start to turn red right down to a complete failure situation. By the end of the book, you will be competent enough to identify and diagnose the root causes of System Center Configuration Manager administration issues and resolving them. Style

and approach An easy to follow yet practical guide that will advise you on what tools and information you have available to troubleshoot with, if you can extend that information and what to look for solving the issues.

This book is written in practical cookbook 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 IT professionals including System Center Service Manager administrators who want to configure and administer System Center Service Manager 2012 and understand how to solve specific problems and scenarios that arise while using System Center Service Manager. It will also be useful to users of 2010 in learning new features and capabilities.

Over 1,000 pages of comprehensive exam prep for the entire MCSA Windows Server 2016 certification process MCSA Windows Server 2016 Complete Study Guide is your ultimate companion on the journey to earning the MCSA Windows Server 2016 certification. Covering required Exams 70-740, 70-741, and 70-742, plus preparing you to take the composite upgrade Exam 70-743 (not covered separately in this book), this Study Guide walks you through 100 percent of all exam objectives to help you achieve complete readiness. Hands-on exercises strengthen your practical skills, and real-world scenarios help you understand how these skills are used on the job. Over 500 practice questions allow you to test your understanding along the way, and the online test bank gives you access to electronic flashcards, practice exams, and over an hour of expert video demonstrations. From basic networking concepts and services to Active Directory and Hyper-V, this guide provides full coverage of critical MCSA concepts and skills. This new edition has been updated for the latest

MCSA Windows Server 2016 exam releases, featuring coverage of all the objective domains. This value-priced guide is three books in one, giving you the most comprehensive exam prep experience for all required MCSA exams. Whether you're starting from the beginning, or upgrading from the MCSA Windows Server 2012 R2 certification, arm yourself with the ultimate tool for complete and comprehensive preparation. Study 100 percent of the objectives for all three MCSA exams, plus the upgrade exam Practice your skills using hands-on exercises and real-world scenarios Test your knowledge with over 500 challenging practice questions Access online study aids including flashcards, video demos, and more! The MCSA exams test your knowledge and skill in installation, configuration, deployment, and administration using a variety of networking tools. The scope is broad, but your complete understanding of the most up-to-date concepts and practices is critical to your success on the exam—and on the job. MCSA Windows Server 2016 Complete Study Guide covers everything you need to know, and gives you the tools to help you learn it.

Microsoft System Center Enterprise Suite Unleashed

Introducing Windows Server 2016 Technical Preview

Microsoft System Center Operations Manager Field Experience

System Center 2012 Orchestrator Unleashed

Microsoft System Center Optimizing Service Manager

Over 31 simple yet incredibly effective recipes for installing and managing System Center 2016 Endpoint Protection About This Book This is the most practical and up-to-date book covering important new features of System Center 2016 Endpoint protection

Gain confidence in managing IT and protecting your server against malware and other threats Configure and automate reporting features and also prepare yourself for a simple and pain-free migration process Who This Book Is For If you are a System Administrator or Engineer using System Center 2016 Endpoint Protection, then this book is for you. You should have a good background with Microsoft products in general, although no knowledge of Endpoint Protection is required. What You Will Learn Explore the best practices for Endpoint Protection in System Center Configuration Manager Provision the Endpoint Protection Client in a Disk Image in Configuration Manager Get to know more about the Security Center Configure definition and engine client updates to be optimum for your bandwidth Make your application or server work with Endpoint Protection enabled Find out how to deal with typical issues that may occur with Endpoint Protection Know how to respond to infections that often occur In Detail System Center Configuration Manager is now used by over 70% of all the business in the world today and many have taken advantage engaging the System Center Endpoint Protection within that great product. Through this book, you will gain knowledge

about System Center Endpoint Protection, and see how to work with it from System Center Configuration Manager from an objective perspective. We'll show you several tips, tricks, and recipes to not only help you understand and resolve your daily challenges, but hopefully enhance the security level of your business. Different scenarios will be covered, such as planning and setting up Endpoint Protection, daily operations and maintenance tips, configuring Endpoint Protection for different servers and applications, as well as workstation computers. You'll also see how to deal with malware and infected systems that are discovered. You'll find out how perform OS deployment, Bitlocker, and Applocker, and discover what to do if there is an attack or outbreak. You'll find out how to ensure good control and reporting, and great defense against threats and malware software. You'll see the huge benefits when dealing with application deployments, and get to grips with OS deployments, software updates, and disk encryption such as Bitlocker. By the end, you will be fully aware of the benefits of the System Center 2016 Endpoint Protection anti-malware product, ready to ensure your business is watertight against any threat you could

face. Style and approach Build robust SCEP and AV policies and discover the new potential of exciting new features of SCEP 2016.

Learn how to design, plan, implement, and support a secure remote access solution using DirectAccess in Windows Server 2016. Remote Access has been included in the Windows operating system for many years. With each new operating system release, new features and capabilities have been included to allow network engineers and security administrators to provide remote access in a secure and cost-effective manner. DirectAccess in Windows Server 2016 provides seamless and transparent, always on remote network connectivity for managed Windows devices. DirectAccess is built on commonly deployed Windows platform technologies and is designed to streamline and simplify the remote access experience for end users. In addition, DirectAccess connectivity is bidirectional, allowing administrators to more effectively manage and secure their field-based assets. Implementing DirectAccess with Windows Server 2016 provides a high-level overview of how DirectAccess works. The vision and evolution of DirectAccess are outlined and business

cases and market drivers are explained. DirectAccess is evaluated against traditional VPN and this book describes the Windows platform technologies that underpin this solution. In addition, this book: Explains how the technology works and the specific IT pain points that it addresses Includes detailed, prescriptive guidance for those tasked with implementing DirectAccess using Windows Server 2016 Addresses real-world deployment scenarios for small and large organizations Contains valuable tips, tricks, and implementation best practices for security and performance“/li> What you'll learn A high-level understanding of the various remote access technologies included in Windows Server 2016. Common uses cases for remote access, and how best to deploy them in a secure, stable, reliable, and highly available manner. Valuable insight in to design best practices and learn how to implement DirectAccess and VPN with Windows Server 2016 according to deployment best practices. Who This Book Is For IT administrators, network, and security administrators and engineers, systems management professionals, compliance auditors, and IT executive management (CIO, CISO) are the target audience for this title.

Microsoft Azure Essentials from Microsoft Press is a series of free ebooks designed to help you advance your technical skills with Microsoft Azure. The first ebook in the series, Microsoft Azure Essentials: Fundamentals of Azure, introduces developers and IT professionals to the wide range of capabilities in Azure. The authors - both Microsoft MVPs in Azure - present both conceptual and how-to content for key areas, including: Azure Websites and Azure Cloud Services Azure Virtual Machines Azure Storage Azure Virtual Networks Databases Azure Active Directory Management tools Business scenarios Watch Microsoft Press's blog and Twitter (@MicrosoftPress) to learn about other free ebooks in the "Microsoft Azure Essentials" series.

Discover over 100 practical recipes to help you master the art of IT service management for your organization About This Book Unleash the capabilities of Microsoft System Center 2016 Service Manager Master the skills of configuring, deploying, managing, and troubleshooting your Service Manager 2016 This book contains practical recipes that leverage the key and newly added features and functionalities of Microsoft System Center 2016 Service Manager Who This Book Is For This book will be useful to IT

professionals including SCSM administrators who want to configure and administer System Center Service Manager 2016 and understand how to solve specific problems and scenarios that arise. It will also be useful to users of Service Manager 2012 who want to learn about the new features and capabilities of the Service Manager 2016 release. It will be ideal if you have Service Manager experience as well as experience with other System Center products. What You Will Learn See a practical implementation of the ITSM framework and processes based on ITIL Deploy and configure the new Service Manager HTML5 Self-Service Portal along with Service Catalog design and configuration Get to know about Incident, Problem, and Change Management processes and configuration Get to grips with performing advanced personalization in Service Manager Discover how to set up and use automation with and within Service Manager 2016 Work with Service Manager Data Warehouse Find out what Security Roles are and how to implement them Learn how to upgrade from SCSM 2012 R2 to SCSM 2016 In Detail System Center Service Manager (SCSM) is an integrated platform that offers a simplified data center management experience by implementing best practices such as

Incident Management, Service Request, and Change Control to achieve efficient service delivery across your organization. This book provides you with real-world recipes that can be used immediately and will show you how to configure and administer SCSM 2016. You'll also find out how to solve particular problems and scenarios to take this tool further. You'll start with recipes on implementing ITSM frameworks and processes and configuring Service Level Agreements (SLAs). Then, you'll work through deploying and configuring the HTML5 Self-Service Portal, configuring Incident and Problem Management, and designing and configuring Change and Release Management. You'll also learn about security roles and overall Microsoft SCSM 2016 administration. Toward the end of the book, we'll look at advanced topics, such as presenting the wealth of information stored within the Service Manager Data Warehouse, standardizing SCSM deployments, and implementing automation. Style and approach This book will enlighten you on Microsoft System Center 2016 Service Manager through recipes that can be implemented directly in any enterprise. You can read the book from start to end if you're a beginner, or just open up any chapter and start

following the recipes as a reference for advanced users. This book consists of a pool of step-by-step recipes on how to perform activities in Service Manager.

Maximize storage efficiency, performance, and security using System Center LTSC and SAC releases

Introducing Windows 10 for IT Professionals

Troubleshooting System Center Configuration Manager

MCSA Windows Server 2016 Complete Study Guide

Over 60 recipes to achieve a robust and advanced backup and recovery solution leveraging SCDPM Key Features Adapt to the modern data center design challenges and improve storage efficiency Effective recipes to help you create your own robust architectural designs Solve data protection and recovery problems in your organization Book Description System Center Data Protection Manager (SCDPM) is a robust enterprise backup and recovery system that contributes to your BCDR strategy by facilitating the backup and recovery of enterprise data. With an increase in data recovery and protection problems faced in organizations, it has become

important to keep data safe and recoverable. This book contains recipes that will help you upgrade to SCDPM and it covers the advanced features and functionality of SCDPM. This book starts by helping you install SCDPM and then moves on to post-installation and management tasks. You will come across a lot of useful recipes that will help you recover your VMware and Hyper-V VMs. It will also walk you through tips for monitoring SCDPM in different scenarios. Next, the book will also offer insights into protecting windows workloads followed by best practices on SCDPM. You will also learn to back up your Azure Stack Infrastructure using Azure Backup. You will also learn about recovering data from backup and implementing disaster recovery. Finally, the book will show you how to configure the protection groups to enable online protection and troubleshoot Microsoft Azure Backup Agent. What you will learn Install and prepare SQL Server for the SCDPM database Reduce backup storage with SCDPM and data deduplication Learn about the prerequisites for supported Hyper-V Server

protection Integrate SCDPM with other System Center products to build optimal services Protect and restore the SCDPM database Protect your data center by integrating SCDPM with Azure Backup Manually create online recovery points and recover production data from Azure Protect and learn about the requirements to recover Azure Stack with SCDPM Who this book is for If you are an SCDPM administrator, this book will help you verify your knowledge and provide you with everything you need to know about the new release of System Center Data Protection Manager.

Part of a series of specialized guides on System Center - this book provides focused guidance for deploying and customizing Service Manager, an integrated platform for automating and adapting an organization's IT service management best practices. Led by series editor Mitch Tulloch, a team of System Center experts step you through key technical scenarios and tasks.

Get a head start evaluating Windows 10--with technical

insights from award-winning journalist and Windows expert Ed Bott. This guide introduces new features and capabilities, providing a practical, high-level overview for IT professionals ready to begin deployment planning now. This edition was written after the release of Windows 10 version 1511 in November 2015 and includes all of its enterprise-focused features. The goal of this book is to help you sort out what's new in Windows 10, with a special emphasis on features that are different from the Windows versions you and your organization are using today, starting with an overview of the operating system, describing the many changes to the user experience, and diving deep into deployment and management tools where it's necessary.