

# System Center 2012 Configuration Manager Sccm Unleashed

Over 60 applicable recipes to administer and manage System Center Configuration Manager Current Branch About This Book Overcome the challenges of administering System Center Configuration 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 Endpoint protection Get easy guidance and best practices to help you work with SCCM Who This Book Is For If you are an intermediate to advanced administrator who wants to administer SCCM and understand how to solve particular problems/scenarios, then this book is for you. You should have a working knowledge of SCCM, however, knowledge of the latest version is not required. What You Will Learn 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 Manager and also learn to create collections, leverage role-based administration (RBA), and support clients over the internet without a VPN connection Implement multiple methods to deploy the client, as well as how to be proactive in monitoring client agent health Achieve Mobile device management with Microsoft Intune In Detail This practical cookbook is based on the 1602 current branch of System 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 and instantly usable recipes, you'll discover how design a SCCM Infrastructure, and dive into topics such as

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the recommended SQL configuration for SCCM and how to deploy Windows 10 with Operating System Deployment (OSD). You will learn to easily manage Windows 10 devices by deploying applications, software updates, and feature upgrades, and 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 have 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 to administer SCCM and will help you understand how to solve particular problems/situations encountered in day-to-day tasks.

This is the ultimate source for the working IT Professional who wants to design and implement System Center 2012 Configuration Manager in a midsize- or small-business environment. Enterprise administrators also will find a lot of inspiration by reading the book, as many of the features and scenarios discussed fit all three environments. The book is packed with real-world scenarios taken from 15 years of experience with SMS and ConfigMgr projects. By following the book from A-Z, you will end up with a ConfigMgr environment that is based on best practices and production ready.

Completely revised for the SP1 version of System Center 2012 Configuration Manager. This is the ultimate source for the working IT Professional who wants to design and implement System Center 2012 Configuration Manager SP1 in a midsize- or small-business environment. Enterprise administrators also will find a lot of inspiration, as many of the features and scenarios discussed fit all three environments. The book is packed with real-world scenarios taken from 15 years of experience with SMS and ConfigMgr projects. By

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following the book from A-Z, you will end up with a ConfigMgr environment that is based on best practices and production ready.

Os voy a explicar paso a paso, desde cero como montar en un entorno virtual un servidor para instalar SCCM 2012 R2. La practica comienza desde cero y con las ultimas novedades de cada producto que intervienen en la instalacion de un servidor para SCCM 2012. En esta practica he utilizado Hyper-V, para crear la maquina virtual. El sistema operativo utilizado ha sido Windows Server 2012 R2. Como base de Datos SQL Server 2014 CPT1 o SQL Server 2012 SP1. Todo el software utilizado en la practica ha sido de evaluacion. Instalar SCCM 2012 es relativamente sencillo, lo realmente complicado es hacer las instalaciones y configuraciones previas antes de poder instalar SCCM 2012. Existen muchos manuales que indican como hacerlo, pero siempre falta algo, no esta detallada la instalacion del servidor, o las configuraciones de SQL Server, en esta practica voy a explicarlo todo paso a paso.

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.

Expert coverage of Microsoft's highly anticipated network software deployment tool The latest version of System Center Configuration Manager (SCCM) is a dramatic update of its predecessor Configuration Manager 2007, and this book offers intermediate-to-advanced coverage of how the new SCCM boasts a simplified hierarchy, role-based security, a new console, flexible application deployment, and mobile management. You'll explore planning and installation,

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migrating from SCCM 2007, deploying software and operating systems, security, monitoring and troubleshooting, and automating and customizing SCCM 2012 with scripts. Features an unparalleled team of authors, two of whom are insiders at Microsoft and have worked with SCCM since nearly its inception Provides in-depth coverage and offers a hands-on approach to learning all there is to know about SCCM Explores why SCCM 2012 is the most significant update in its 16-year history Packed with real-world scenarios to show you how to use SCCM in various contexts, Mastering System Center Configuration Manager 2012 covers all aspects of this powerful and complete network software deployment tool.

"This course prepares you to accomplish the following in order to prepare for the 70-243 exam: Design and plan System Center Configuration Manager infrastructure, Manage operating system deployment (OSD), Deploy applications and software updates, Manage compliance settings, Manage sites, Manage clients, Manage inventory, Manage reports and queries."--Resource description page.

Part of a series of specialized guides on System Center - this book focuses on troubleshooting Configuration Manager, which is used to manage a wide range of Microsoft client platforms, server platforms, and mobile devices. Series editor Mitch Tulloch and a team of System Center experts provide concise technical guidance as they step you through key troubleshooting tasks and solutions. 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

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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

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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

This course is intended for Configuration Manager Administrators who are responsible for configuring and managing one or more System Center 2012 Configuration Manager sites and all supporting systems.

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

Microsoft System Center Configuration Manager's SQL Server database contains valuable information about your users, computers, hardware, operating

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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

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- 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.

Summary "Learn System Center Configuration Manager in a Month of Lunches" is a super-practical guide to Microsoft System Center Configuration Manager. In this book, you'll cut to the chase and learn the administrative procedures and techniques that will keep your systems humming smoothly. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. About the Technology Businesses rely on a complex patchwork of client computers, physical and virtual

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servers, middleware, mobile devices, and cloud services. Microsoft System Center Configuration Manager (SCCM) sits in the middle of this mix, providing a single administrative control center to deploy and manage Windows servers and applications across your entire infrastructure, including cross-platform management of Mac OS X, Linux, and UNIX. To get up to speed with the day-to-day tasks of managing a system with ConfigMgr, all you need is this book and a quiet place to eat your lunch. About the Book "Learn System Center Configuration Manager in a Month of Lunches" is a super-practical guide to Microsoft System Center Configuration Manager. In this book, you'll cut to the chase and learn the administrative procedures and techniques that will keep your systems humming smoothly. Whether you're a new sysadmin or you already understand the inner workings of Active Directory and Windows Server, you'll be productive immediately as you work through the 22 self-contained lessons in this handy tutorial. What's Inside Covers the latest build of Configuration Manager How to simplify updates, operating system deployment, and reporting Cross-platform and mobile management including Linux, OS X, and Windows Smart application delivery About the Reader No prior experience with System Center Configuration Manager needed. About the Author James Bannan is a Cloud and Datacenter

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Management MVP based in Australia. Table of Contents Before you begin Setting up your lab environment Making ConfigMgr aware of your environment Managing ConfigMgr devices and users Organizing devices and users Configuring ConfigMgr clients Creating and configuring applications with the AppModel Deploying applications and packages to ConfigMgr clients Ensuring that ConfigMgr clients can access content Keeping ConfigMgr clients patched Preparing to deploy Windows Deploying Windows Advanced deployment of Windows with ConfigMgr and MDT Managing Linux clients Deploying to Linux and Mac clients Managing anti-malware with ConfigMgr Making sure clients are healthy Reporting in ConfigMgr Keeping an eye on your clients What to do when things go wrong Securing ConfigMgr All engines full steam ahead" This Microsoft Official Academic Course (MOAC) IT Professional curriculum prepares certification students for success every step of the way. This 70-413 Designing and Implementing a Server Infrastructure exam course is the first of a series of two exams Microsoft Certified Solutions Associates (MCSE) candidates are required to pass to gain the MCSE: Windows Server 2012 and Windows Server 2012 R2 certification. These MCSE exams test the skills and knowledge necessary to design, implement, and maintain a Windows Server 2012 infrastructure in an enterprise scaled, highly

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virtualized environment. Passing these exams confirms students' ability to plan, configure, and implement the Windows Server 2012 services, such as server deployment, server virtualization, and network access and infrastructure. This complete ready-to-teach MOAC program is mapped to all of the exam objectives.

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

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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 to 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.

Annotation 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

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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.

Part of a series of specialized guides on System Center - this book shares real-world expertise for using Configuration Manager capabilities to deliver more effective IT services.

Series editor Mitch Tulloch and a team of System Center experts provide concise technical guidance as they step you through key deployment and management scenarios.

Portable and precise, this pocket-sized guide delivers ready answers for the day-to-day administration of Microsoft System Center 2012 Configuration Manager. Zero in on core operations and daily tasks using quick-reference tables, instructions, and lists. You'll get the focused information you need to solve problems and get the job done-whether at your desk or in the field. Get fast facts on these essential topics:

- Managing site server and clients
- Asset management and inventory
- Software updates and endpoint protection

- Operating system deployment
- Compliance settings
- Security and role-based administration
- Migrating from older versions
- Implementing service packs
- Backup and recovery

Since Microsoft introduced System Center 2012 Configuration Manager, it has released two sets of important changes and improvements: Service Pack 1 and R2. This comprehensive reference and technical guide focuses specifically on those

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enhancements. It offers 300+ pages of all-new “in the trenches” guidance for applying Configuration Manager 2012’s newest features to improve user and IT productivity across all corporate, consumer, and mobile devices. An authoring team of world-class System Center consultants thoroughly cover System Center integration with Microsoft Intune and its mobile device management capabilities. They fully address Microsoft’s increased support for cross-platform devices, enhanced profiles, changes to application management, operating system deployment, as well as improvements to performance, security, usability, and mobile device management. The essential follow-up to System Center 2012 R2 Configuration Manager Unleashed, this new supplement joins Sams’ market-leading series of books on Microsoft System Center.

- Use ConfigMgr 2012 R2 with Windows Intune to deliver people-centric management to any user, any device, anywhere
- Simplify BYOD registration and enrollment, and enable consistent access to corporate resources
- Integrate new mobile device management capabilities into the Configuration Manager console without service packs, hot fixes, or major releases
- Provision authentication certificates for managed devices via certificate profiles
- Automate repetitive software- and device-related tasks with PowerShell cmdlets
- Centrally control roaming profiles, certificates, Wi-Fi profiles, and VPN configuration
- Configure User Data and Profiles to manage folder redirection, offline files/folders, and roaming profiles for Windows 8.x users
- Enable users to access data in Virtual Desktop Infrastructure (VDI) environments
- Manage devices running OS X, UNIX, Linux, Windows Phone 8, WinRT, iOS, and Android
- Understand the new cross-platform agent introduced in ConfigMgr 2012 R2
- Automate Windows setup with OSD
- Prepare for, configure, install, and verify successful installation of the Windows Intune connector role

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Respond to emerging challenges in mobile device management

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.

For most Configuration Manager administrators, the Configuration Manager console is more than sufficient to perform the necessary operations. However you are limited to

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what the console is designed to handle. For more complex tasks, or those that might extend beyond the scope of the console, you need an alternative. This book is packed with real-world scripts that have proven to save time when automating day-to-day tasks in a Configuration Manager environment.

The definitive reference and technical guide to implementing, integrating, and using Microsoft System Center Configuration Manager 2012 \* \*Thoroughly updated to reflect major changes in Configuration Manager that require new skills and knowledge. \*Helps IT pros take full advantage of Configuration Manager 2012's built-in best practice processes for software distribution and configuration management.

\*Organized to help readers optimize deployments and efficiently integrate with other System Center products. This is the first and only 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. 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

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environments for data centers and cloud environments. 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.

Whether you are an IT manager, an administrator, or security professional who wants to learn how Microsoft Security Compliance Manager and Microsoft System Center can help fulfil compliance and security requirements, this is the book for you. Prior knowledge of Microsoft System Center is required.

800x600 Focused technical guidance from System Center experts Part of a series of specialized guides on System Center--this book walks through the tools and resources used to manage the complex task of tracking and applying software updates to client computers in the enterprise using Windows Server 2012 R2 and System Center 2012 R2, or

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later. Written by experts on the Microsoft System Center team and with Microsoft MVP Mitch Tulloch as series editor, this title focuses on maintaining operational efficiency, minimizing security issues, and maintaining the stability of the network infrastructure.

Completely revised for System Center 2012 R2 Configuration Manager. This is the ultimate source for the working IT Professional who wants to design and implement System Center 2012 R2 Configuration Manager in a midsize- or small-business environment. Enterprise administrators also will find a lot of inspiration, as many of the features and scenarios discussed fit all three environments. The book is packed with real-world scenarios taken from 17 years of experience with SMS and ConfigMgr projects. By following the book from A-Z, you will end up with a ConfigMgr environment that is based on best practices and production ready.

Over 50 practical recipes to administer System Center 2012 Configuration Manager

### Mastering System Center Configuration Manager John Wiley & Sons

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.

This is the definitive real-world guide to Microsoft System Center 2012, Microsoft's newest and most powerful version of System Center. Authored by consultants who've deployed System Center in hundreds of enterprises and innovative smaller businesses, this book brings together up-to-the-

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minute tips, tricks, and techniques you just won't find anywhere else. You'll learn how to use System Center's powerful capabilities to build highly-efficient managed environments that encompass datacenters, cloud environments, client computers, mobile devices, and more. The authors address planning, design, implementation, integration, and administration, and cover every component, including Configuration Manager, Operations Manager, Data Protection Manager, Virtual Machine Manager, Service Manager, and Orchestrator. Use Configuration Manager 2012 to deliver software and updates in highly-distributed environments including datacenters, clouds, and mobile devices Reliably manage and report on assets with Configuration Manager 2012 Perform monitoring, alerting, operations, and security reporting with Operations Manager 2012 Use Data Protection Manager 2012 to protect file systems, SQL, Microsoft Exchange, and SharePoint Leverage Data Protection Manager 2012's improved central monitoring and remote recovery Run Hyper-V virtualized environments with VMM 2012—including new private clouds and mixed private/public fabrics Use Service Manager 2012 to provide top-down integration, and use Orchestrator 2012 for bottom-up process automation and integration "glue" Give users an efficient self-service portal for creating service and incident requests and browsing service catalogs Manage service offerings

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and implement enterprise-wide change control with Service Manager 2012 Ensure compliance by creating, executing, and repeating auditable, documented processes with Orchestrator 2012

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.

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

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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

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Windows Server 2012 and SQL Server 2012

Ce livre sur System Center 2012 Configuration Manager SP1 et R2 s'adresse à toute personne qui, confrontée à l'administration de périphériques et de ressources dans son entreprise, participe à un projet de mise en oeuvre ou utilise quotidiennement ce produit. Le suivi des différents chapitres permettra au lecteur la maîtrise des concepts, l'acquisition des compétences pour déployer, administrer et utiliser SCCM 2012 R2. Après une présentation de l'historique du produit et des concepts permettant la conception d'une architecture ConfigMgr, les auteurs détaillent l'installation du produit sous la forme d'un pas à pas. Une fois l'infrastructure en place, le lecteur passe à la planification et à la gestion du client ConfigMgr pour les différents systèmes (Windows, Mac OS et UNIX/Linux). Le chapitre suivant présente les ressources, la planification des limites et groupes de limites nécessaires au fonctionnement des clients. Le lecteur peut ensuite aborder le cycle de vie du client ConfigMgr avec les phases de déploiement, de maintien, de mise à jour et de désinstallation. Dans les chapitres 4 et 5 le lecteur découvre comment exploiter les différents inventaires proposés par ConfigMgr : l'inventaire matériel, logiciel, Asset Intelligence et le contrôle d'usage logiciel. Il s'initie à la création de requêtes, de collections et de rapports pour exploiter l'inventaire et administrer les ressources. Les

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chapters de 6 à 10 détaillent des fonctionnalités plus poussées proposées par SCCM 2012 R2 :  
télédistribution d'applications, modèle hérité (Package), nouveau modèle (Application), sécurité des ressources clientes, mise à jour logicielle, protection avec System Center 2012 Endpoint Protection (SCEP), sécurisation de l'accès au réseau avec Network Access Protection (NAP), déploiement et migration de systèmes d'exploitation avec OSD. Vous retrouverez toutes les informations permettant la gestion des périphériques modernes (MDM) comme Windows 8, Windows RT, iOS, et Android. Vous obtiendrez toutes les informations nécessaires à la gestion de la conformité des systèmes et à la configuration de paramètres et au déploiement de profils (WiFi, Certificats, VPN, etc.). Le chapitre 11 donne un aperçu de tous les outils de contrôle distant (Wake ON Lan, Remote Tools...) proposés. Le chapitre 12 traite particulièrement de la migration d'environnements System Center Configuration Manager 2007 ou 2012. Les chapitres 13 et 14 sont dédiés à la sécurisation et au maintien d'une infrastructure ConfigMgr 2012. Enfin, le livre fournit des informations primordiales sur l'administration, la supervision et le dépannage de l'infrastructure SCCM 2012 R2.

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