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## Microsoft System Center Introduction to Microsoft Automation Solutions

*Pearson Education* This book provides you with an introduction to the Microsoft automation solutions: Azure Automation and Service Management Automation. Throughout the chapters, the text explores these tools and how they can be used to meet the automation needs of your Microsoft Azure cloud solutions or your enterprise datacenter environments. We provide considerations on the features of each solution, and how they can be architected to fit your needs. Next, the text explores the interfaces you will use to interact with the solutions, including the web-based portals, Windows PowerShell command-line interaction, and programmatic access via the web services. The text then covers how you implement and manage automation using runbooks, assets, and Integration Modules, along with how you can use a source control system to manage runbook content. Finally, some examples of automation scenarios are discussed, providing you with samples that can be used to speed development in your own solution.

## PowerShell: Automating Administrative Tasks

*Packt Publishing Ltd* Learn PowerShell from the inside out, right from basic scripting all the way to becoming a master at automating, managing, and maintaining your Windows environment About This Book Use proven best practices to optimize code and automate redundant tasks Get to grips with PowerShell's advanced functions and effectively administer your system Create a variety of PowerShell scripts to automate your environment Who This Book Is For If you are a system administrator who wants to become an expert in automating and managing your Windows environment, then this course is for you. Some basic understanding of PowerShell would be helpful. What You Will Learn Discover PowerShell commands and cmdlets and understand PowerShell formatting Solve common problems using basic file input/output functions Use .NET classes in Windows PowerShell and C# and manage Exchange Online Use PowerShell in C# to manage Exchange Online and work with .NET classes in PowerShell Automate LYNC clients, consuming client-side object models to administrate SharePoint Online Optimize code through the use of functions, switches, and looping structures Manage files, folders, and registries through the use of PowerShell Discover best practices to manage Microsoft systems In Detail Are you tired of managing Windows administrative tasks manually and are looking to automate the entire process? If yes, then this is the right course for you. This learning path starts your PowerShell journey and will help you automate the administration of the Windows operating system and applications that run on Windows. It will get you up and running with PowerShell, taking you from the basics of installation to writing scripts and performing web server automation. You will explore the PowerShell environment and discover how to use cmdlets, functions, and scripts to automate Windows systems. The next installment of the course focuses on gaining concrete knowledge of Windows PowerShell scripting to perform professional-level scripting. The techniques here are packed with PowerShell scripts and sample C# code to automate tasks. You will use .NET classes in PowerShell and C# to manage Exchange Online. In the final section, you will delve into real-world examples to learn how to simplify the management of your Windows environment. You will get to grips with PowerShell's advanced functions and how to most effectively administer your system. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: Getting Started with PowerShell by Michael Shepard Windows PowerShell for .Net Developers Second Edition by Chendrayan Venkatesan and Sherif Talaat Mastering Windows PowerShell Scripting by Brenton J.W. Blawat Style and approach This is a step-by-step course to help you effectively administer and maintain your development environment with PowerShell.

## Microsoft SQL Server 2005 Management and Administration (Adobe Reader)

*Pearson Education* Microsoft SQL Server 2005 Management and Administration, based on Service Pack 2, addresses the challenges database administrators regularly encounter on SQL Server 2005 by providing detailed guidance in the areas of management, administration, security, and monitoring. With coverage of the new features and functionality of SQL Server 2005 Service Pack 2, this book is designed to be comprehensive, resulting in something for all database administrators—from simple tips to tactical solutions. Microsoft SQL Server 2005 Management and Administration goes far beyond the basic installation and setup information found in many other resources. The book looks at day-to-day administration, best practices, tips, and step-by-step configurations based on real-world examples found in the industry. Unlike others, this book includes not only administration and management details on the Database Engine, but also coverage of other SQL Server 2005 components often overlooked, including Analysis Services, Reporting Services, and more. Understand how to... Configure and tune the Database Engine, Reporting Services, Analysis Services, Integration Services, and Notification Services Harden a SQL Server implementation Implement SQL Server highavailability alternatives, such as Failover Clustering, Log Shipping, Database Mirroring, and Replication Monitor a SQL Server 2005 infrastructure with Operations Manager 2007, including how to configure the SQL Server Management Pack and install Operations Manager 2007 Automate SQL Server routine maintenance Encrypt SQL Server data and communications, including setting up a Certificate Authority Performance tune and troubleshoot a SQL Server environment Create Integration Services packages and transfer data

## Windows Server Automation with PowerShell Cookbook

### Powerful ways to automate and manage Windows administrative tasks, 4th Edition

*Packt Publishing Ltd* This cookbook will help you gain command of PowerShell 7.1 to manage the core roles, features, and services within Windows Server 2022 and 2019. Thomas Lee provides an expansive view of the functionality made possible in PowerShell's latest major release.

## Management Education and Automation

*Routledge* Due to automation, nearly half of the jobs will vanish over the next two decades in the US. However, the problem is not confined to any particular country. Management educators in higher education are faced with two fundamental questions: (a) how we prepare our students for new required technology competencies when conducting international business and (b) how we work with new technologies to prepare our students. While the next generation of employees requires competencies in working with artificial intelligence relying on data analytics, the emergence of artificial intelligence and new technologies in augmenting teaching is changing the nature of higher education across the globe. Management Education and Automation explores international management education in light of exponential development of artificial intelligence, big data, demographic shifts, expansion of robotic utilization in many economic sectors, aging populations and negative population growth in developed economies, multipolar international political systems, migration patterns, and fundamental shifts in individual and social interactions via digital media. It shows the latest state of knowledge on the topic and will be of interest to researchers, academics, policymakers, and students in the fields of international business and management, globalization, management education, and management of technology and innovation.

## Microsoft Exchange Server 2007

### Implementation and Administration

*John Wiley & Sons* Explores the latest release of Microsoft's groupware solution, Exchange Server 2007, discussing such features as its e-mail communication, calendaring, and shared databases, and provides real-world scenarios to help administrators deal with everyday maintenance and applications.

## Enterprise Mac Administrators Guide

*Apress* Charles Edge and Bill Smith provide detailed explanations of the technology required for large-scale Mac OS X deployments and show you how to integrate it with other operating systems and applications. Now in its second edition, Enterprise Mac Administrator's Guide addresses the growing size and spread of Mac OS X deployments in corporations and institutions worldwide. In some cases, this is due to the growth of traditional Mac environments, but for the most part it has to do with organizations instituting device choice and switcher campaigns, where Windows and/or Linux environments are migrating to Mac OS X. There is a steep culture shock with many of these migrations. The products that are used are different, the nomenclature is different, and most importantly the best practices for dealing with the operating system and updates are very different. Apple provides a number of tools to help automate and guide IT toward managing a large number of Mac OS X computers—it has since before Mac OS X was initially released. However, if you want to put together all of the pieces to tell a compelling story about how to run an IT department or a deployment of

Macs, you need to compile information from a number of different sources. This book provides explanations of the technology required. What You'll Learn Choose a directory services model that works for your organization and integrate it into your existing model Choose an imaging model and begin imaging workstations with or without third-party products Use the Mac App Store and Apple's Volume Purchasing Program to deploy apps Leverage scripting techniques to reduce labor for the IT department Provide network services (file sharing, mobile home folders, messaging, etc.) to the Mac OS X clients Who This Book Is For System administrators and IT professionals who need to manage a large number of Mac OS X computers, be they Mac OS X-based servers or workstations. The assumption is that readers are somewhat familiar with Mac OS X and/or IT in general, but not that they are familiar with the Apple system internals, server services, or deployment techniques.

## Microsoft Operations Manager 2005 Unleashed

*Sams Publishing* This book is your most complete source for in-depth information about Microsoft Operations Manager 2005! Microsoft Operations Manager 2005 Unleashed provides a comprehensive guide to Microsoft Operations Manager (MOM) 2005. MOM is a tool that helps implement operations management, but it is not a piece of software that you can simply install and instantly have working. This book provides reference material that will guide you through the steps to design, deploy, and configure MOM within your environment. You learn how to tune your MOM environment and tackle common challenges, such as managing your Microsoft operating systems, directory services, messaging platforms, and databases. Inside you will find comprehensive information on how to develop your own reports and management packs for your MOM environment as well as practical real-world examples, based on hands-on MOM experience. · Plan your MOM deployment · Architect MOM for performance, redundancy, and security · Install or upgrade to MOM 2005 · Back up important MOM components · Implement, troubleshoot, deploy, and manage management packs · Work with rules and tune them · Manage different aspects of your environment, including the Windows operating system, directory services, Exchange email, and SQL Server · Extend MOM using connectors and third-party management packs · Develop management packs, reports, and scripts · Prepare for the next version of Operations Manager CD-ROM includes · Microsoft's MOM 2005 Resource Kit and MOM 2005 Sizer · MOM Agent Monitor · Management packs and scripts written or customized for this book · Live Links—more than 100 (clickable) hypertext links and references to materials and sites related to Operations Manager Contents About the Authors xxi Acknowledgments xxiii Introduction 1 Part I Operations Management Overview and Concepts Chapter 1 Operations Management Basics 7 Chapter 2 What's New 41 Chapter 3 How Does It Work? 57 Part II Planning and Installation Chapter 4 Planning Your MOM Deployment 99 Chapter 5 Planning Complex Configurations 151 Chapter 6 Installing MOM 2005 173 Chapter 7 Upgrading to MOM 2005 211 Part III Deploying MOM Chapter 8 Post-Installation Tasks 237 Chapter 9 Installing and Configuring Agents 267 Chapter 10 Complex and High Performance Configurations 297 Chapter 11 Securing MOM 329 Part IV Administering MOM Chapter 12 Backup and Recovery 365 Chapter 13 Administering Management Packs 395 Chapter 14 Monitoring with MOM 423 Part V Managing with MOM Chapter 15 Managing the Operating System 487 Chapter 16 Managing Directory Services 527 Chapter 17 Managing Microsoft Messaging 565 Chapter 18 Database Management 595 Part VI Moving Beyond MOM 2005 Chapter 19 Interoperability 625 Chapter 20 Developing Management Packs 661 Chapter 21 Using and Developing Reports 719 Chapter 22 Using and Developing Scripts 777 Chapter 23 Touring Operations Manager 2007 825 Part VII Appendixes Appendix A MOM Internals 865 Appendix B Registry Settings 887 Appendix C Performance Counters 895 Appendix D Database Views 901 Appendix E Reference URLs 907 Appendix F On the CD 917 Index 919

## Automatic Digital Document Processing and Management

### Problems, Algorithms and Techniques

*Springer Science & Business Media* This text reviews the issues involved in handling and processing digital documents. Examining the full range of a document's lifetime, the book covers acquisition, representation, security, pre-processing, layout analysis, understanding, analysis of single components, information extraction, filing, indexing and retrieval. Features: provides a list of acronyms and a glossary of technical terms; contains appendices covering key concepts in machine learning, and providing a case study on building an intelligent system for digital document and library management; discusses issues of security, and legal aspects of digital documents; examines core issues of document image analysis, and image processing techniques of particular relevance to digitized documents; reviews the resources available for natural language processing, in addition to techniques of linguistic analysis for content handling; investigates methods for extracting and retrieving data/information from a document.

## SolidWorks Administration Bible

*John Wiley & Sons* What you need to prepare, install, and maintain SolidWorks It's not enough to know how to use SolidWorks, if your job also requires you to install or maintain it, train new users, and implement standards. This in-depth guide was written for those of you who have to actually manage your company's SolidWorks system. From hardware selection to helping users to licensing and more, this is the everyday, bread-and-butter SolidWorks administration resource that IT and CAD managers have been seeking. SolidWorks is a powerful 3D solid modeling system that is popular with CAD users everywhere, but often leaves IT administrators in the dark as to how to manage it; this essential guide covers SolidWorks admin for both IT staff and CAD users Walks you through preparing, installing, and maintaining SolidWorks Covers setting up shared libraries, automated deployment tools, licensing, updates and upgrades, support and troubleshooting, standardization, and collaboration Get the high-level assistance you need to efficiently manage SolidWorks in your enterprise or small business. Note: CD-ROM/DVD and other supplementary materials are not included as

part of eBook file.

## Microsoft Windows Server Administration Essentials

*John Wiley & Sons* The core concepts and technologies you need to administer a Windows Server OS Administering a Windows operating system (OS) can be a difficult topic to grasp, particularly if you are new to the field of IT. This full-color resource serves as an approachable introduction to understanding how to install a server, the various roles of a server, and how server performance and maintenance impacts a network. With a special focus placed on the new Microsoft Technology Associate (MTA) certificate, the straightforward, easy-to-understand tone is ideal for anyone new to computer administration looking to enter the IT field. Each chapter offers a clear and concise look at the core Windows administration concepts you need to know to gain an understanding of these difficult topics. Offers a clear, no-nonsense approach to administering a Windows operating system and presents it in such a way that IT beginners will confidently comprehend the subject matter Targets the MTA 98-365 exam by covering Windows Server installation, server roles, storage, and active directory infrastructure Provides you with a solid foundation of various networking topics so that you can gain a strong understanding of Windows Server administration concepts Includes review questions and suggested labs to further enhance your learning process With this book by your side, you will be armed with the core concepts and technologies needed to administer a Windows Server operating system.

## Deploying Windows 10

## Automating deployment by using System Center Configuration Manager

*Microsoft Press* 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.

## Network World

For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

## MCTS 70-680 Cert Guide

## Microsoft Windows 7, Configuring

*Pearson Education* This is the eBook version of the print title. Access to the PDFs on the CD and the practice test engine is available through product registration at Pearson IT Certification - or see instructions in back pages of your eBook. Start-to-finish MCTS 70-680 preparation from top Microsoft technology consultant, trainer, and author Don Poulton! Windows 7 installation, upgrades, and deployment User and application migration Windows 7 deployment Physical and virtual hard disk configuration and management Windows Update Device and application configuration Internet Explorer configuration Networking, including TCP/IP configuration Firewall settings Mobile and remote computing Secure access control for local and shared resources System performance management and monitoring Backups, system recovery, and file recovery Test your knowledge, build your confidence, and succeed! Packed with visuals to help you learn fast Dozens of troubleshooting scenarios Real-world MCTS 70-680 prep advice from experts Easy-to-use exam preparation task lists From Don Poulton, professional Microsoft technology consultant, IT training expert, and best-selling exam guide author

## Automating SharePoint 2010 with Windows PowerShell 2.0

*John Wiley & Sons* Authoritative coverage of the latest version of Microsoft's fastest-selling product Imagine being able to perform a task that requires dozens of clicks with just a single command, or automate a series of identical tasks rather than repeat them. This book shows you how to do just that--and more--by using Windows PowerShell cmdlets with SharePoint 2010. Focused on everyday and frequently performed tasks, this invaluable guide provides PowerShell solutions for maintaining a SharePoint environment and explains how more than 500 cmdlets that come with SharePoint 2010 allows you to automate just about anything. Step-by-step instructions walk you through the necessary concepts and real-world examples enhance your learning process. Highlights the ways in which PowerShell cmdlets take the tedium out of executing frequently performed commands in SharePoint 2010 by automating everyday tasks Explains how to install and configure a SharePoint environment Details the steps for deploying and managing Web applications, site collections, authentication, and solution packages Shows you how to manage operational settings and back up and restore data Automating SharePoint 2010 with Windows PowerShell 2.0 helps you save time and effort performing common tasks so that you can be more productive.

# System Center 2012 Configuration Manager Unleashed

*Sams Publishing* 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.

## Dynamic Scheduling with Microsoft Project 2010

### The Book by and for Professionals

*J. Ross Publishing* Through the use of best practices, helpful screen shots, hands-on exercises, and review questions, this book instructs you on how to build dynamic schedules with Microsoft Project 2010 that will allow you to explore 'what if?' scenarios and decrease the time you spend making static schedule changes.

## Cyber Crisis Management

### Overcoming the Challenges in Cyberspace

*Bloomsbury Publishing* With the advent of big data technology, organisations worldwide are creating data exceeding terabytes in size. Due to the variety of data that it encompasses, big data always entails a number of challenges related to its volume, complexity and vulnerability. The need to manage cyber risks across an enterprise-inclusive of IT operations-is a growing concern as massive data breaches make news on an alarmingly frequent basis. The internet too has grown enormously over the past few years, consequently increasing the risk of many untoward cyber incidents that can cause irreparable loss to a corporate organisation. With a robust cyber risk management system now a necessary business requirement, organisations need to assess the effectiveness of their current systems in response to a dynamic and fast-moving threat landscape. This book goes beyond a mere response to cybercrime and addresses the entire crisis-management cycle. The authors have created a primer for corporate houses and individuals alike on how they should deal with cyber incidences and develop strategies on tackling such incidences.

## Microsoft SharePoint 2010 Administration

### Real World Skills for MCITP Certification and Beyond (Exam 70-668)

*John Wiley & Sons*

## Network World

For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

## Dynamic Business Process Management in the Knowledge Economy

### Creating Value from Intellectual Capital

*Springer* This book describes modern dynamic business process management (dynamic BPM), which is considerably different from traditional BPM from 20, 10, or even 5 years ago. It demonstrates why traditional BPM is not sufficient in the knowledge economy (KE), while also highlighting the opportunities provided by dynamic BPM - the form of management that practitioners and academics deal with on a daily basis. This involves mastering and implementing e.g. case management, process mining, and RPA, and integrating them with knowledge management. But more importantly, dynamic BPM makes full use of the dynamism of knowledge workers: the

people who actually create innovative products and services tailored to the specific needs of clients. The book was primarily written for those managers who see advantageous opportunities amidst the ongoing changes. Accordingly, it focuses more on innovations emerging from practice than on theoretical, academic reflection. In addition to helping organizations operating in the KE to prepare for and implement process management, the book is intended as a source of inspiration for process management researchers and iPMS system vendors.

## Project Management Absolute Beginner's Guide

*Pearson Education* Guides beginners through the basics of project management, covering all aspects of the planning, control, and execution stages while addressing the essential elements of any successful project as well as common mistakes.

## Mastering Linux System Administration

*Sybex* Following the successful Mastering series approach, *Mastering Linux System Administration* demonstrates practical applications of the Linux operating system, helping entry-level and experienced system admins to manage and secure Linux servers. This practical book provides a learning-by-doing approach, taking you from a core understanding of Linux to mastery. Organized by tasks, this book includes coverage of: Components of Linux desktop and server Storage of information on a Linux system Adding a computer in a Linux system Navigating the command line and using the command line to create, move, delete, and archiving files and searching and extracting data from files Turning commands into scripts Command line editor and text files Identifying user types Creating users and groups Setting permission and ownership Special directories and files *Mastering Linux System Administration* provides instructor materials, including a sample syllabus, additional review questions, and PowerPoint slides.

## International Scientific Conference Energy Management of Municipal Facilities and Sustainable Energy Technologies EMMFT 2018

### Volume 1

*Springer* This book presents a collection of the latest studies on and applications for the sustainable development of urban energy systems. Based on the 20th International Scientific Conference on Energy Management of Municipal Facilities and Sustainable Energy Technologies, held in Voronezh and Samara, Russia from 10 to 13 December 2018, it addresses a range of aspects including energy modelling, materials and applications in buildings; heating, ventilation and air conditioning systems; renewable energy technologies (photovoltaic, biomass, and wind energy); electrical energy storage; energy management; and life cycle assessment in urban systems and transportation. The book is intended for a broad readership: from policymakers tasked with evaluating and promoting key enabling technologies, efficiency policies and sustainable energy practices, to researchers and engineers involved in the design and analysis of complex systems.

## Artificial Intelligence for Risk Management

*Business Expert Press* Artificial Intelligence (AI) for Risk Management is about using AI to manage risk in the corporate environment. The content of this work focuses on concepts, principles, and practical applications that are relevant to the corporate and technology environments. The authors introduce AI and discuss the different types, capabilities, and purposes—including challenges. With AI also comes risk. This book defines risk, provides examples, and includes information on the risk-management process. Having a solid knowledge base for an AI project is key and this book will help readers define the knowledge base needed for an AI project by developing and identifying objectives of the risk-knowledge base and knowledge acquisition for risk. This book will help you become a contributor on an AI team and learn how to tell a compelling story with AI to drive business action on risk.

## Everyday Project Management

*Berrett-Koehler Publishers* This book provides a quick and easy guide to the tasks, tools, and skills that will carry you from project launch to project completion. *Everyday Project Management* provides the direction you need to apply project management's time-tested tools for keeping things on time and under budget. It introduces the wide variety of tasks you will have to tackle, such as assembling a team, mapping out a plan, monitoring progress, keeping your team motivated, and using appropriate planning tools, such as project management software or wall charts. In addition, you'll gain a clearer picture of the project manager's role in the conception, planning, execution, control, and completion of a project. Each chapter offers essential, bite-sized nuggets of wisdom that will help you succeed, outlining the kinds of challenges you'll encounter, the interpersonal issues that will arise, and ways to stay on time and on budget in pursuit of the desired, quality outcome.

## Business Process Management

## 20th International Conference, BPM 2022, Münster, Germany, September 11–16, 2022, Proceedings

*Springer Nature* This book constitutes the refereed proceedings of the 20th International Conference on Business Process Management, BPM 2022, which took place in Münster, Germany, in September 2022. The 22 papers included in this book were carefully reviewed and selected from 98 submissions. They were organized in topical sections as follows: task mining; design methods; process mining; process mining practice; analytics; and systems. The book also includes one keynote talk in full-paper length and 5 tutorial papers.

## Exam 98-349 Windows Operating System Fundamentals 2E

*John Wiley & Sons* The Microsoft Official Academic Course (MOAC) textbook for MTA Windows Operating System Fundamentals Exam 98-349 2nd Edition is focused primarily on operating configurations and maintenance in Windows. MOAC offers an official MLO lab environment and Lab Manual to further aid in your study for this exam. Successful skills mastery of Exam 98-349 can help students with securing a career within an IT enterprise and help them to differentiate job hunters in today's competitive job market. This exam will cover considerations into the following: \* Understanding Operating System Configurations. \* Installing and Upgrading Client Systems. \* Managing Applications. \* Managing Files and Folders. \* Managing Devices. \* Understanding Operating System Maintenance. The MOAC IT Professional series is the Official from Microsoft, turn-key Workforce training program that leads to professional certification and was authored for college instructors and college students. MOAC gets instructors ready to teach and students ready for work by delivering essential resources in 5 key areas: Instructor readiness, student software, student assessment, instruction resources, and learning validation. With the Microsoft Official Academic course program, you are getting instructional support from Microsoft; materials that are accurate and make course delivery easy.

## Security Automation Essentials: Streamlined Enterprise Security Management & Monitoring with SCAP

### Streamlined Enterprise Security Management & Monitoring with SCAP

*McGraw Hill Professional* Master the latest digital security automation technologies Achieve a unified view of security across your IT infrastructure using the cutting-edge techniques contained in this authoritative volume. Security Automation Essentials: Streamlined Enterprise Security Management & Monitoring with SCAP lays out comprehensive technical, administrative, and operational strategies for security management. Discover how to define baseline requirements, automatically confirm patches and updates, identify vulnerabilities, write customized auditing content, and evaluate compliance across your enterprise. Throughout, the authors provide detailed case studies and tips on selecting appropriate security components. Understand SCAP (Security Content Automation Protocol) technologies and standards Track compliance using benchmarks and scoring systems Build machine-readable configuration checks using XCCDF, OVAL, and OCIL Perform vulnerability assessments and find misconfiguration Maximize product interoperability through the use of standard enumeration Assess and monitor residual risk using CVSS values Use SCAP editors and XML to create and debug automated checks Accurately assess threats using software assurance automation

## Beginning Application Lifecycle Management

*Apress* Beginning Application Lifecycle Management is a guide to an area of rapidly growing interest within the development community: managing the entire cycle of building software. ALM is an area that spans everything from requirements specifications to retirement of an IT-system or application. Because its techniques allow you to deal with the process of developing applications across many areas of responsibility and across many different disciplines, the benefits and effects of ALM techniques used on your project can be wide-ranging and pronounced. In this book, author Joachim Rossberg will show you what ALM is and why it matters. He will also show you how you can assess your current situation and how you can use this assessment to create the road ahead for improving or implementing your own ALM process across all of your team's development efforts. Beginning Application Lifecycle Management can be implemented on any platform. This book will use Microsoft Team Foundation Server as a foundation in many examples, but the key elements are platform independent and you'll find the book written in a platform agnostic way. In this book, you'll learn: What application lifecycle management is and why it matters. The steps necessary for implementing an ALM process. Tips and techniques you can use to gain control of your development efforts. How to implement an agile framework into your ALM process How to achieve traceability and visibility in your projects How to automate your ALM process

## The Lawyer's Guide to Practice Management Systems Software

*American Bar Association* What can practice management systems software do for a law practice? With the right system in place, a law firms and staff will have the ability to automatically route items, tasks, documents, and events to certain people based on their role in the case or matter, as well as manage deadlines, improve responsiveness to clients, reduce malpractice insurance rates, and boost overall productivity. The challenge is to find a program that best serves the needs of the firm.

## Agile Project Management using Team Foundation Server 2015

*Apress* This book will help you get started with agile project management using Microsoft's latest releases of its market-leading Team Foundation Server (TFS) 2015, and Visual Studio Team Services (VSTS). The book demonstrates agile concepts and how to implement them using TFS/VSTS. Many organizations are using agile practices today. Agility has become a key enabler for running better projects with more successful end results and high quality output. At the same time, adoption of TFS/VSTS has increased dramatically, from being just a new version control system in the very beginning to becoming the fully-featured market leader it is today. In order to benefit the most from agile practices you need an Application Lifecycle Management (ALM) toolset that supports your way of working. With TFS/VSTS, Microsoft has provided a powerful tool that is very customizable. This book shows you how you can use TFS/VSTS to implement many agile practices and how they fit into a well-thought-out ALM implementation. The book also shows how an agile product owner can work with TFS/VSTS to setup an agile project from scratch and how to continue using TFS/VSTS throughout the whole project to track progress, create and refine the backlog, and work with Kanban and Scrum Task boards. Keeping track of progress is important in any project. TFS/VSO includes many tools which will help you to track key metrics in an agile project. Many useful reports are available out of the box, and the TFS extensibility offers several ways to further customize reporting to fit your needs. What You Will Learn: Agile Concepts and Processes How TFS/VSO supports agile processes end to end How you can customize TFS/VSO to better support your processes How to set up an agile project from scratch and manage it over its lifecycle

## Using Microsoft Windows Small Business Server 2003

*Apress* \* Practical, non-theoretical content. \* Author is recognized authority on Windows network administration. \* Approaches the product objectively, without evangelizing.

## Pro Application Lifecycle Management with Visual Studio 2012

*Apress* You can have the best coders in the world working in your teams, but if your project management isn't up to scratch, your project is almost certain to be delayed, to come in over budget, and in some cases to fail entirely. By taking precise control of your application development process, you can make changes, both large and small, throughout your project's life cycle that will lead to better-quality finished products that are consistently delivered on time and within budget. Application lifecycle management (ALM) is an area of rapidly growing interest within the development community. Because its techniques allow you to deal with the process of developing applications across many areas of responsibility and across many different disciplines, its effects on your project can be wide ranging and pronounced. It is a project management tool that has practical implications for the whole team—from architects to designers, from developers to testers. Pro Application Lifecycle Management with Visual Studio 2012 focuses on the most powerful ALM tool available for the Microsoft .NET Framework: Visual Studio Team Foundation Server. It demonstrates the key concepts and techniques of ALM at first with a guide to the overall methodology, and then delves into architecture and testing--illustrating all of the concepts, tips and tricks using the tools TFS provides. The book serves as a complete guide to the ALM style--with no fluff and many relevant code samples and examples. After reading the book, you will understand how TFS can be used to generate continuous meaningful reporting on your project's health for the decision makers on your team as well as for your project's sponsors.

## System Center 2012 Operations Manager Unleashed

*Sams Publishing* This is the first comprehensive Operations Manager 2012 technical resource for every IT implementer and administrator. Building on their bestselling OpsMgr 2007 book, three Microsoft System Center Cloud and Data Center Management MVPs thoroughly illuminate major improvements in Microsoft's newest version--including new enhancements just added in Service Pack 1. You'll find all the information you need to efficiently manage cloud and datacenter applications and services in even the most complex environment. The authors provide up-to-date best practices for planning, installation, migration, configuration, administration, security, compliance, dashboards, forecasting, backup/recovery, management packs, monitoring including .NET monitoring, PowerShell automation, and much more. Drawing on decades of enterprise and service provider experience, they also offer indispensable insights for integrating with your existing Microsoft and third-party infrastructure. Detailed information on how to... Plan and execute a smooth OpsMgr 2012 deployment or migration Move toward application-centered management in complex environments Secure OpsMgr 2012, and assure compliance through Audit Collection Services Implement dashboards, identify trends, and improve forecasting Maintain and protect each of your OpsMgr 2012 databases Monitor virtually any application, environment, or

device: client-based, .NET, distributed, networked, agentless, or agent-managed Use synthetic transactions to monitor application performance and responsiveness Install UNIX/Linux cross-platform agents Integrate OpsMgr into virtualized environments Manage and author management packs and reports Automate key tasks with PowerShell, agents, and alerts Create scalable management clouds for service provider/multi-tenant environments Use OpsMgr 2012 Service Pack 1 with Windows Server 2012 and SQL Server 2012

## Getting Started with Powershell

*Packt Publishing* Learn the fundamentals of PowerShell to build reusable scripts and functions to automate administrative tasks with Windows About This Book • Harness the capabilities of the PowerShell system to get started quickly with server automation • Learn to package commands into a reusable script and add control structures and parameters to make them flexible • Get to grips with cmdlets that allow you to perform administration tasks efficiently Who This Book Is For This book is intended for Windows administrators or DevOps users who need to use PowerShell to automate tasks. Whether you know nothing about PowerShell or know just enough to get by, this guide will give you what you need to go to take your scripting to the next level. What You Will Learn • Learn to verify your installed version of PowerShell, upgrade it, and start a PowerShell session using the ISE • Discover PowerShell commands and cmdlets and understand PowerShell formatting • Use the PowerShell help system to understand what particular cmdlets do • Utilise the pipeline to perform typical data manipulation • Package your code in scripts, functions, and modules • Solve common problems using basic file input/output functions • Find system information with WMI and CIM • Automate IIS functionality and manage it using the WebAdministration module In Detail Windows PowerShell is a task-based command-line shell and scripting language designed specifically for system administration. Built on the .NET Framework, Windows PowerShell helps IT professionals and power users control and automate the administration of the Windows operating system and applications that run on Windows. PowerShell is great for batch importing or deleting large sets of user accounts and will let you collect a massive amount of detailed system information in bulk via WMI (Windows Management Instrumentation). Getting Started with PowerShell is designed to help you get up and running with PowerShell, taking you from the basics of installation, to writing scripts and web server automation. This book, as an introduction to the central topics of PowerShell, covers finding and understanding PowerShell commands and packaging code for reusability, right through to a practical example of automating IIS. It also includes topics such as installation and setup, creating scripts, automating tasks, and using Powershell to access data stores, registry, and file systems. You will explore the PowerShell environment and discover how to use cmdlets, functions, and scripts to automate Windows systems. Along the way, you will learn to perform data manipulation and solve common problems using basic file input/output functions. By the end of this book, you will be familiar with PowerShell and be able to utilize the lessons learned from the book to automate your servers. Style and approach A practical learning guide, complete with plenty of activities, examples and screenshots.

## Translation and Localization Project Management

### The art of the possible

*John Benjamins Publishing* Over the past three decades, translation has evolved from a profession practiced largely by individuals to a cottage industry model and finally to a formally recognized industrial sector that is project-based, heavily outsourced and that encompasses a wide range of services in addition to translation. As projects have grown in size, scope and complexity, and as project teams have become increasingly distributed across geographies, time zones, languages and cultures, formalized project management has emerged as both a business requirement and a critical success factor for language service providers. In recognition of these developments, this volume examines the application of project management concepts, tools and techniques to translation and localization projects. The contributors are seasoned practitioners and scholars who offer insights into the central role of project management in the language industry today and discuss best-practice approaches to the adaptation of generic project management knowledge, skills, tools and techniques for translation and localization projects.

## Windows Server 2012 Automation with Powershell Cookbook

*Packt Publishing Ltd* Cookbook with recipes based on real life examples. This book is written to assist the daily tasks for systems administrators, engineers, and architects working with Windows Server 2012.

## Microsoft System Center Software Update Management Field Experience

*Pearson Education* 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 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. Normal 0 false false false EN-US X-NONE X-NONE MicrosoftInternetExplorer4

# Management in the Era of Big Data

## Issues and Challenges

*CRC Press* This book is a wonderful collection of chapters that posits how managers need to cope in the Big Data era. It highlights many of the emerging developments in technologies, applications, and trends related to management's needs in this Big Data era. —Dr. Jay Liebowitz, Harrisburg University of Science and Technology This book presents some meaningful work on Big Data analytics and its applications. Each chapter generates helpful guidance to the readers on Big Data analytics and its applications, challenges, and prospects that is necessary for organizational strategic direction. —Dr. Alex Koohang, Middle Georgia State University Big Data is a concept that has caught the attention of practitioners, academicians, and researchers. Big Data offers organizations the possibility of gaining a competitive advantage by managing, collecting, and analyzing massive amounts of data. As the promises and challenges posed by Big Data have increased over the past decade, significant issues have developed regarding how data can be used for improving management. Big Data can be understood as large amounts of data generated by the Internet and a variety of connected smart devices and sensors. This book discusses the main challenges posed by Big Data in a manner relevant to both practitioners and scholars. It examines how companies can leverage Big Data analytics to act and optimize the business. This book brings together the theory and practice of management in the era of Big Data. It offers a look at the current state of Big Data, including a comprehensive overview of both research and practical applications. By bringing together conceptual thinking and empirical research on the nature, meaning, and development of Big Data in management, this book unifies research on Big Data in management to stimulate new directions for academic investigation as well as practice.