



Microsoft SharePoint 2010 and Windows PowerShell 2.0: Expert Cookbook

50 advanced recipes for administrators and IT Pros to master Microsoft SharePoint 2010 and Microsoft PowerShell 2.0 automation

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Microsoft Sharepoint 2010 And Windows Powershell 20 Expert Cookbook

Niklas Goude, Mattias Karlsson



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Microsoft SharePoint 2010 and Windows Powershell 2.0 Yaroslav Pentsarsky, 2011-11-11 Microsoft SharePoint 2010 and Windows PowerShell 2.0 Expert Cookbook is a concise and above all advanced cookbook with practical expert recipes for SharePoint and PowerShell automation. If you are a SharePoint administrator or IT Pro who wants to extend your knowledge of PowerShell automation, this book is a must have. You should have a solid grasp of working with SharePoint and PowerShell respectively. *Microsoft Sharepoint 2010 Power User Cookbook* Adrian Colquhoun, 2011-10-01 This hands-on cookbook takes readers through many highly applicable intermediate and advanced SharePoint recipes as well as offering three real world business scenarios to complement the knowledge already gained. The book specifically sets out to cover important SharePoint 2010 topics that are often avoided by other authors. If you are an advanced End User or Power User of SharePoint 2010 who wants to accomplish specific business tasks beyond the basics, then this cookbook is not to be missed. You should already be comfortable with SharePoint in order to get the most out of the recipes which are applicable up to and including SharePoint Enterprise edition. You will find this book useful not only as a learning tool but also as a reference guide as your SharePoint skills and experience increase. **Microsoft SharePoint 2010 Administration Cookbook** Peter Serzo, 2011-01-01 Over 90 simple but incredibly effective recipes to administer your Microsoft SharePoint 2010 applications with this book and eBook. *Microsoft Exchange Server PowerShell Cookbook* Jonas Andersson, Mike Pfeiffer, 2015-07-29 Microsoft Exchange Server 2013 is a complex messaging system. Windows PowerShell 5 can be used in conjunction with Exchange Server 2013 to automate and manage routine and complex tasks to save time and money and eliminate errors. Starting by going through key PowerShell concepts and the Exchange Management Shell, this book will get you automating tasks that used to take hours in no time. Diving deeper, you will then manage your mailbox database, client access, and your transport servers with simple but effective scripts. This book finishes with advanced recipes on Exchange Server problems such as managing distribution groups and maintaining high availability and security. [Microsoft Exchange Server PowerShell Cookbook - Third Edition](#) Jonas Andersson, Mike Pfeiffer, 2015-07-29 About This Book Explore the new features and capabilities of PowerShell 5 and its integration with Exchange Server 2013. Learn how to write scripts and functions, schedule scripts to run automatically, and generate complex reports with PowerShell. Manage and automate every element of Exchange Server 2013 with PowerShell, such as Mailboxes, distribution groups, and Address lists. Who This Book Is For This book is for messaging professionals who want to build real world scripts with Windows PowerShell 5 and the Exchange Management Shell. If you are a network or systems administrator responsible for managing and maintaining Exchange Server 2013, you will find this highly useful. What You Will Learn New features and capabilities of PowerShell 5 and Exchange Server 2013 SP1. Get to grips with the core PowerShell concepts required to master the Exchange Management Shell, such as pipelining, working with objects, formatting output, and writing scripts. Use simple PowerShell scripts and commands to get

powerful effects Generate detailed reports send the output of commands in e mail messages and schedule scripts to run automatically Import export move mailboxes and delete messages from mailboxes using the command line Configure transport server settings such as mail relay tracking logs transport rules delivery reports and more Manage mailbox and public folder databases In Detail Microsoft Exchange Server 2013 is a complex messaging system Windows PowerShell 5 can be used in conjunction with Exchange Server 2013 to automate and manage routine and complex tasks to save time and money and eliminate errors Starting by going through key PowerShell concepts and the Exchange Management Shell this book will get you automating tasks that used to take hours in no time Diving deeper you will then manage your mailbox database client access and your transport servers with simple but effective scripts This book finishes with advanced recipes on Exchange Server problems such as managing distribution groups and maintaining high availability and security

PowerShell Cookbook Lee Holmes,2021-06-16 How do you use PowerShell to navigate the filesystem manage files and folders or retrieve a web page This introduction to the PowerShell language and scripting environment provides more than 400 task oriented recipes to help you solve all kinds of problems Intermediate to advanced system administrators will find more than 100 tried and tested scripts they can copy and use immediately Updated for PowerShell 5.1 and Open Source PowerShell up to 7.0 and beyond this comprehensive cookbook includes hands on recipes for common tasks and administrative jobs that you can apply whether you're on the client or server version of Windows You also get quick references to technologies used in conjunction with PowerShell including regular expressions the XPath language format specifiers and frequently referenced NET COM and WMI classes Learn how to use PowerShell on Windows 10 and Windows Server 2019 Tour PowerShell's core features including the command model object based pipeline and ubiquitous scripting Master fundamentals such as the interactive shell pipeline and object concepts Perform common tasks that involve working with files internet connected scripts user interaction and more Solve tasks in systems and enterprise management such as working with Active Directory and the filesystem **SharePoint 2013 WCM Advanced Cookbook** John

Chapman,2014-01-23 You will be led carefully step by step through a detailed set of recipes This book focuses on web content management using Microsoft SharePoint 2013 server The practical examples are built logically throughout the chapters to create a common theme This book is ideal for developers who want to broaden their understanding of the web content management features available with SharePoint 2013 It is assumed that you already have some experience using SharePoint and developing web content Experience with Microsoft PowerShell and coding C# with Visual Studio will also be helpful but is not essential [AUTOMATING MICROSOFT SHAREPOINT 2010 ADMINISTRATION WITH WINDOWS](#)

[POWERSHELL 2.0](#) Gary Lapointe,Shannon Bray,2011-07-01 Market_Desc SharePoint professionals new or experienced with PowerShell who are responsible for deploying or managing SharePoint 2010 Special Features HUGE INSTALLED BASE Over 100 million SharePoint licensees STRONG AUTHOR PLATFORM Written by authors who are active members of the

SharePoint community Shannon Bray is the President of the Colorado State SharePoint User Group and presents at various tradeshow such as TechEd and TechReady Gary Lapointe is widely recognized for his work with STSADM and PowerShell

HOT TOPICS According to CIO Magazine January 2010 collaboration technologies is among the top 10 areas of interest for IT decision makers Also it is widely agreed that Windows PowerShell 2.0 is one of the top 10 features in SharePoint 2010

PROMISING SIGNS FOR SHAREPOINT 2010 ADOPTION According to a survey conducted by Metalogix about 46% of current SharePoint users have plans to migrate to SharePoint 2010 in 2010

UNIQUE CONTENT The timing of our book allows real world perspective as well as scripts from an author whose expertise is sought out by thousands of SharePoint administrators daily

About The Book 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

[PowerShell for Microsoft SharePoint 2010 Administrators](#) Niklas Goude, Mattias Karlsson, 2010-10-06 Take control of SharePoint 2010 with PowerShell Administer SharePoint 2010 using PowerShell with help from this practical guide PowerShell for Microsoft SharePoint 2010 Administrators explains how to configure and manage the latest version of the powerful enterprise collaboration platform Find out how to automate the installation process construct dynamic SharePoint environments create and extend Web applications and manage service applications Backup security and performance enhancement techniques are also fully covered in this comprehensive resource Understand key SharePoint 2010 concepts and components Learn the basics of PowerShell for SharePoint administration Develop custom PowerShell scripts and functions Automate SharePoint 2010 management using PowerShell Manage Web applications and content databases Administer sites and site collections Control list items and metadata Handle document management Enable Remote BLOB Storage Query SQL Server databases

Automating SharePoint 2010 with Windows PowerShell 2.0 Gary Lapointe, Shannon W. Bray, 2011-06-01

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 **Windows PowerShell Cookbook** Lee Holmes, 2013-01-15 The complete guide to scripting Microsoft's command shell Cover *Windows PowerShell Cookbook* Lee Holmes, 2010-08-13 Do you know how to use Windows PowerShell to navigate the filesystem and manage files and folders Or how to retrieve a web page This introduction to the PowerShell language and scripting environment provides more than 430 task oriented recipes to help you solve the most complex and pressing problems and includes more than 100 tried and tested scripts that intermediate to advanced system administrators can copy and use immediately You'll find hands on tutorials on fundamentals common tasks and administrative jobs that you can apply whether you're on a client or server version of Windows You also get quick references to technologies used in conjunction with PowerShell including format specifiers and frequently referenced registry keys to selected .NET COM and WMI classes With *Windows PowerShell Cookbook* you'll get more done in less time Take a tour of PowerShell's core features including the command model object based pipeline and ubiquitous scripting Learn PowerShell fundamentals such as the interactive shell and fundamental pipeline and object concepts Perform common tasks that involve working with files Internet connected scripts user interaction and more Solve tasks in systems and enterprise management such as working with Active Directory the filesystem registry event logs processes and services **PowerShell for SharePoint 2013 How-To** Steven Mann, 2013-02-20 Need fast reliable easy to implement solutions for automating SharePoint 2013 administration with PowerShell This guide delivers exactly what you're looking for step by step help and guidance with the tasks you'll perform most often You'll find tested PowerShell scripts and techniques for managing installations servers farms IIS users services sites data solutions enterprise services search PerformancePoint business intelligence and more This edition adds time saving techniques for managing user licensing and new SharePoint 2013 service applications covers new cmdlets and contains two new reference appendices This focused resource for scripting SharePoint with PowerShell provides all the answers you need now Fast Accurate and Easy to Use Run PowerShell scripts from the SharePoint 2013 Management Shell console Perform unattended SharePoint installations Configure new farms add servers and manage sites Create new site collections and sub sites Review and set Farm Configuration Values and SharePoint Designer Settings Display get create remove configure and extend web applications Create manage remove back up and restore SharePoint databases Work with SharePoint solutions and features Automatically publish and manage content Establish and change external data connections via Business Data Connectivity Service Control the new versions of Excel Access Visio and Word Services Script Office Web Apps to deliver more robust web mobile solutions Manage PerformancePoint business intelligence via cmdlets Administer Enterprise Search InfoPath Form

Services profiles metadata and Secure Store Streamline Work Management Services to help users track tasks more efficiently

PowerShell Advanced Cookbook Morten Elmstrøm Hansen, 2024-05-28 Fully unleash your scripting powers and capabilities with PowerShell KEY FEATURES PowerShell administration fundamentals Advanced scripting and automation Enterprise and cloud administration DESCRIPTION PowerShell is a powerful scripting language automation framework and command line shell developed by Microsoft that is built on the .NET framework It is an essential tool because it allows system administrators and developers to automate and optimize complex administrative tasks across multiple systems efficiently PowerShell's deep integration with Windows and other Microsoft products makes it an invaluable tool for administering managing and optimizing Windows environments Designed as a cookbook this book enables readers to expand and build upon their current PowerShell knowledge and skillset Topics covered in detail include creating PowerShell unit tests using Pester managing and administering Azure and AWS cloud services remote script execution Active Directory management PowerShell desired state configuration and more Each chapter includes recipes that delve into the topics accompanied by code examples and walkthroughs After reading this book readers would have gained the knowledge and skills that will enable them to build better and more advanced scripts and applications while also understanding key principles of automation and optimization This will also aid the readers to streamline processes and enhance administrative tasks more efficiently using PowerShell WHAT YOU WILL LEARN Develop advanced PowerShell functions classes and scripts with sophisticated flow control Manage errors effectively including custom error classes in scripts and background jobs Securely handle remote sessions using PowerShell remoting for enhanced management Utilize Pester for unit testing and mocking dependencies ensuring script reliability Administer Active Directory objects and cloud services like Azure and AWS including Microsoft 365 applications Build GUI applications and Windows services from PowerShell scripts with SAPIEN PowerShell studio IDE WHO THIS BOOK IS FOR This book is intended for developers and system administrators with a novice or intermediate understanding of PowerShell who are looking to advance their skills TABLE OF CONTENTS 1 Introduction to Advanced PowerShell Concepts 2 Advanced PowerShell Functions 3 Flow Control and Looping 4 Error Handling 5 Scripting Techniques 6 Remote Script Execution PowerShell Remote Management 7 Testing with Pester 8 Working with XML and JSON 9 Active Directory Management 10 Managing Azure with PowerShell 11 Managing AWS with PowerShell 12 Microsoft 365 Applications Management 13 Desired State Configuration 14 Managing Windows Components 15 SAPIEN PowerShell Studio IDE

Beginning PowerShell for SharePoint 2013 Nikolas Charlebois-Laprade, 2014-02-25 Beginning PowerShell for SharePoint 2013 is a book for the SharePoint administrator looking to expand his or her toolkit and skills by learning PowerShell Microsoft's vastly flexible and versatile object oriented scripting language PowerShell is the future of Microsoft administration and SharePoint is a complex product that can be managed more easily and quickly with PowerShell cmdlets and scripts This book helps bridge the gap introducing PowerShell fundamentals and operations in the context of deploying

migrating managing and monitoring SharePoint 2013 Author Nik Charlebois Laprade begins by explaining the fundamental concepts behind the PowerShell language Then with copious real world examples and scripts he lays the foundation for PowerShell novices to automate interactions with the various pieces and components of the SharePoint 2013 platform For SharePoint administrators wanting to do more with the technology or for SharePoint developers trying to build their skills on the administration side Beginning PowerShell for SharePoint 2013 is the perfect book to kick off your PowerShell journey What you ll learn Manage on premises and Office 365 SharePoint instances using PowerShell Write reusable PowerShell scripts Understand the architecture of PowerShell Perform operations on a wide variety of SharePoint components using PowerShell Plan prepare and execute a SharePoint 2010 to 2013 migration using PowerShell Proactively monitor SharePoint farms for issues using PowerShell Who this book is for Beginning PowerShell for SharePoint 2013 is for both SharePoint administrators and developers who want to extend their knowledge of the technology It s an excellent book for technical users who would appreciate a quick at hand reference Table of Contents Chapter 1 Introduction Chapter 2 What s New in PowerShell for SharePoint 2013 Chapter 3 Configuring Your Environment for PowerShell Chapter 4 PowerShell Basics Chapter 5 Automating SharePoint Deployment with PowerShell Chapter 6 Day to Day SharePoint Administration with PowerShell Chapter 7 Monitoring and Troubleshooting SharePoint with PowerShell Chapter 8 Automating SharePoint 2010 Migrations with PowerShell Chapter 9 Managing SharePoint Online in Office 365 with PowerShell Chapter 10 Upgrading from SharePoint 2010 to 2013 Using PowerShell Appendix A Common Cmdlets **PowerShell for SharePoint 2010**

How-To Steven Mann, 2011-06-21 Need fast reliable easy to implement solutions for automating SharePoint 2010 administration with PowerShell This book delivers exactly what you re looking for step by step help and guidance with the tasks you ll perform most often You ll find tested PowerShell scripts and proven techniques for managing installations servers farms IIS users services sites data solutions enterprise services and more You ll even find practical guidance and tested solutions for getting more value from Enterprise Search and PerformancePoint business intelligence The industry s most focused resource for scripting SharePoint with PowerShell this book provides all the answers you need now Fast Accurate and Easy to Use Run PowerShell scripts from the SharePoint 2010 Management Shell console Perform unattended SharePoint installations Configure new farms add servers and manage sites Create new site collections and sub sites Review and set Farm Configuration Values and SharePoint Designer Settings Display get create remove configure and extend web applications Create manage remove back up and restore SharePoint databases Work with SharePoint solutions and features Automatically publish and manage content Control Office features Excel Services Access Services Visio Graphic Services Word Services and PerformancePoint Services Administer InfoPath Form Services profiles metadata Secure Store and other service applications Change the behavior of Enterprise Search and SharePoint Foundation Search Manage external data connections via Business Data Connectivity Service **Windows Server Automation with PowerShell Cookbook** Thomas

Lee,2023-01-31 Use over 100 PowerShell 7 2 recipes to deepen your understanding of Windows Server 2022 and see how to automate common administrative tasks with ease Purchase of the print or Kindle book includes a free eBook in PDF format
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Description The Windows Server Automation with PowerShell Cookbook is back with a new edition featuring over 100 PowerShell recipes that will make your day to day work easier This book is designed to help you learn how to install configure and use PowerShell 7 2 effectively To start with we ll look at how to install and configure PowerShell 7 2 along with useful new features and optimizations and show you how the PowerShell compatibility solution bridges the gap to older versions of PowerShell We ll also be covering a wide range of fundamental and more advanced use cases including how to create a VM and set up an Azure VPN as well as looking at how to back up to Azure As you progress you ll explore topics such as using PowerShell to manage networking and DHCP in Windows Server objects in Active Directory Hyper V and Azure We ll also take a closer look at WSUS containers and see how to handle modules that are not directly compatible with PowerShell 7 Finally you ll also learn how to use some powerful tools to diagnose and resolve issues with Windows Server By the end of this PowerShell book you ll know how to use PowerShell 7 2 to automate tasks on Windows Server 2022 with ease helping your Windows environment to run faster and smoother What you will learnPerform key admin tasks on Windows ServerKeep your organization secure with JEA group policies logs and Windows DefenderUse NET Framework for administrative scriptingManage data and storage on Windows including disks volumes and filesystemsReport system performance using built in cmdlets and WMI to obtain single measurementsApply the right tools and modules to troubleshoot and debug Windows ServerCreate manage and back up a second VM using the subnetwork in AzureLearn how to set up a VPN in Azure with PowerShellWho this book is for This book is for systems administrators software architects developers consultants and engineers working with Windows Server 2022 who want to automate tasks more effectively with PowerShell 7 2 You ll need to have conquered the basics of PowerShell and have a rudimentary understanding of PowerShell scripting before you can get started with this book **Microsoft Office 365 Administration Cookbook** Nate

Chamberlain,2020-09-11 Make the most out of your investment in Office 365 apps and services with this Microsoft Office cookbook Key Features Learn how to manage and secure the entire Office 365 stack in addition to specific services Delve into newer and frequently shifting areas such as Power Platform Microsoft Teams and Microsoft Search administration Discover carefully selected techniques that cover a range of administrative tasks of varying difficulty levels Book
DescriptionOrganizations across the world have switched to Office 365 to boost workplace productivity However to maximize investment in Office 365 you need to know how to efficiently administer Office 365 solutions Microsoft Office 365

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PowerShell for SharePoint 2010 Steve Mann, 2011. A guide to manage installations, servers, IIS, users, services, data, and solutions along with PowerShell scripts and techniques.

Microsoft SharePoint 2010 Development Cookbook Ed Musters, 2011-12-02. Annotation: There is a heavy demand in the marketplace for SharePoint developers that you could take advantage of if only you had the opportunity to acquire the relevant skills. But SharePoint 2010 is a big old product with a steep learning curve where do you begin? This book has been designed to take the experienced ASP.NET developer from beginner to professional SharePoint developer in the shortest amount of time. You will be productive on your very first SharePoint development assignment with the knowledge and skills that you learn here. You will have distilled the essence of the author's many years of training and leading development teams in SharePoint. This book uncovers the most common pattern of typical SharePoint development tasks encountered in the real world and puts the topics in a logical order with detailed step-by-step recipes for you to follow. The practical example given builds and flows throughout the chapters and topics. By the end of this book, you will be able to apply the concepts to the challenges ahead of you.

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