



Microsoft Exchange Server PowerShell Cookbook

Third Edition

Over 120 recipes to help you manage and administrate Exchange Server 2013 Service Pack 1 with PowerShell 5

Jonas Andersson

Mike Pfeiffer

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PUBLISHING professional expertise distilled

Microsoft Exchange Server Powershell Cookbook Third Edition

Thomas Lee, Jeffrey Snover



Microsoft Exchange Server Powershell Cookbook Third Edition:

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 *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 2016 PowerShell Cookbook Jonas Andersson, Nuno Mota, Mike Pfeiffer, 2017-07-14 Make the most of PowerShell s features to manage all aspects of your Exchange Server 2016 environment About This Book Learn to integrate PowerShell with Exchange Server 2016 Write scripts and functions to run tasks automatically and generate complex reports with PowerShell Use these effective recipes to learn all popular and important Powershell scripts to manage tasks and avoid errors Who This Book Is

For This book is for messaging professionals who want to build real world scripts with Windows PowerShell and the Exchange Management Shell You ll also find it indispensable if you re a network or systems administrator responsible for managing and maintaining Exchange Server 2016 What You Will Learn Master the new features and capabilities of PowerShell and Exchange Server 2016 Get to grips with the core PowerShell concepts Use simple PowerShell scripts and commands to get powerful results Generate detailed reports send the output of commands by email and schedule scripts to run automatically Import export and 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 folders Monitor the health of an Exchange environment through built in cmdlets and other methods Integrate Exchange with Office Online Server Skype for Business Server and Exchange Online Office 365 In Detail We start with a set of recipes on core PowerShell concepts This will provide you with a foundation for the examples in the book Next you ll see how to implement some of the common exchange management shell tasks so you can effectively write scripts with this latest release You will then learn to manage Exchange recipients automate recipient related tasks in your environment manage mailboxes and understand distribution group management within the Exchange Management Shell Moving on we ll work through several scenarios where PowerShell scripting can be used to increase your efficiency when managing databases which are the most critical resources in your Exchange environment Towards the end you ll discover how to achieve Exchange High Availability and how to secure your environment monitor the health of Exchange and integrate Exchange with Office Online Server Skype for Business Server and Exchange Online Office 365 By the end of the book you will be able to perform administrative tasks efficiently Style and approach This practical guide is packed with handy recipes to help you perform common administration tasks as well as complex tasks in Exchange Server without any hassle Microsoft Exchange Server 2013 Powershell Cookbook Jonas Andersson,2013-05-22 This book is written in a Cookbook style format and provides practical immediately usable task based recipes that show you how to manage and maintain your Microsoft Exchange Server 2013 environment with Windows PowerShell 3 Each chapter of the book is written so that it can be used as a desktop reference or it can be read from beginning to end allowing you to build a solid foundation for building scripts in your Exchange environment This Cookbook is for messaging professionals who want to learn how to build real world scripts with Windows PowerShell 3 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 Only basic knowledge of Exchange Server and PowerShell are required to make the most of this book **Windows Server 2019 Automation with PowerShell Cookbook** Thomas Lee,2019-02-28 Automate Windows server tasks with the powerful features of the PowerShell Language Key FeaturesLeverage PowerShell to automate complex Windows server tasks Master new features such as DevOps and containers and speed up their performance using PowerShellImprove PowerShell s usability and control

and manage Windows based environments by working through exciting recipes

Book Description Windows Server 2019 represents the latest version of Microsoft's flagship server operating system. It also comes with PowerShell Version 5.1 and has a number of additional features that IT pros find useful. The book helps the reader learn how to use PowerShell and manage core roles, features, and services of Windows Server 2019. You will begin with creating a PowerShell Administrative Environment that has updated versions of PowerShell and the Windows Management Framework, updated versions of the .NET Framework, and third-party modules. Next, you will learn to use PowerShell to set up and configure Windows Server 2019 networking and also managing objects in the AD environment. You will also learn to set up a host to utilize containers and how to deploy containers. You will also be implementing different mechanisms for achieving desired state configuration along with getting well versed with Azure infrastructure and how to setup Virtual Machines, web sites, and shared files on Azure. Finally, you will be using some powerful tools you can use to diagnose and resolve issues with Windows Server 2019. By the end of the book, you will learn a lot of tips and tricks to automate your Windows environment with PowerShell. What you will learn:

- Perform key admin tasks on Windows Server 2019
- Employing best practices for writing PowerShell scripts and configuring Windows Server 2019
- Use the .NET Framework to achieve administrative scripting
- Set up VMs, websites, and shared files on Azure
- Report system performance using built-in cmdlets and WMI to obtain single measurements
- Know the tools you can use to diagnose and resolve issues with Windows Server

Who this book is for: If you are a systems administrator, engineer, or an architect working with Windows Server 2016, interested in upgrading to Windows Server 2019, and automating tasks with PowerShell, then this book is for you. A basic knowledge of PowerShell is expected.

Learning PowerShell DSC James P. Hogan, 2017-09-11

A learning guide to get you started with PowerShell DSC. Key Features:

- Create flexible and maintainable deployments using DSC configuration scripts that stand the test of time.
- Explore the core architecture concepts and practices in depth.

Learning PowerShell DSC is a step-by-step guide that shows you how to start using and taking advantage of PowerShell DSC along with configuring and deploying applications.

Book Description: The main goal of this book is to teach you to configure, deploy, and manage your system using the new features of PowerShell v5 and v6 DSC. This book begins with the basics of PowerShell Desired State Configuration, covering its architecture and components. It familiarizes you with the set of Windows PowerShell language extensions and new Windows PowerShell commands that make up DSC. Then it helps you create DSC custom resources and work with DSC configurations with the help of practical examples. Finally, it describes how to deploy configuration data using PowerShell DSC. Throughout this book, we will be focusing on concepts such as building configurations with parameters, the local configuration manager, and testing and restoring configurations using PowerShell DSC. By the end of the book, you will be able to deploy a real-world application, end-to-end, and will be familiar enough with the powerful Desired State Configuration platform to achieve continuous delivery and efficiently and easily manage and deploy data for systems.

What you will learn:

- Explore PowerShell Desired State

Configuration and activities around it including the need for configuration management and abstraction Create reusable DSC configurations and debug troubleshoot configuration files Learn about the PowerShell DSC architecture with the help of push and pull management and workflows Define DSC configuration scripts and data files and push DSC configuration files remotely and locally Validate DSC Pull Server install and register target nodes with a DSC Pull Server Who this book is for If you are a system administrator developer or engineer and are responsible for configuration management and automation then this book is for you IT professionals who wish to learn PowerShell Desired State Configuration for the efficient management configuration and deployment of systems will also find this book useful **AWS Tools for PowerShell 6**

Ramesh Waghmare,2017-08-03 Leverage the power of PowerShell to bring the best out of your AWS infrastructure About This Book A collection of real world tested Powershell scripts that can be used to manage your Windows server efficiently Follow step by step processes to solve your problems with Windows servers using AWS tools Design examples that work in the Amazon free usage tier which lets you run the Windows platform on cloud Who This Book Is For This book will be useful for but not limited to Windows System administrators cloud engineers architects DevOps engineers and all those who want to accomplish tasks on the AWS Public Cloud using PowerShell What You Will Learn Install the AWS Tools for PowerShell 6 Understand key services provided by Amazon Web services AWS Understand the Virtual Private Cloud Use PowerShell 6 for AWS Identity and Access Management IAM Use PowerShell 6 for AWS Elastic Compute Cloud EC2 Use PowerShell 6 for AWS Simple Storage Service S3 Use PowerShell 6 for AWS Relational Database Service RDS Build fault tolerant and highly available applications using PowerShell 6 In Detail AWS Tools for PowerShell 6 shows you exactly how to automate all the aspects of AWS You can take advantage of the amazing power of the cloud yet add powerful scripts and mechanisms to perform common tasks faster than ever before This book expands on the Amazon documentation with real world useful examples and production ready scripts to automate all the aspects of your new cloud platform It will cover topics such as managing Windows with PowerShell setting up security services administering database services and deploying and managing networking You will also explore advanced topics such as PowerShell authoring techniques and configuring and managing storage and content delivery By the end of this book you will be able to use Amazon Web Services to automate and manage Windows servers You will also have gained a good understanding of automating the AWS infrastructure using simple coding Style and approach This step by step guide starts with simple examples then expands to full blown administrative tasks leading to the efficient management of Windows servers Each topic covers a section related to Amazon Web Services products and the examples are built on one another to deliver a comprehensive library of scripts for administrators

Microsoft Exchange 2010 PowerShell Cookbook Mike Pfeiffer,2011-07-25 Manage and maintain your Microsoft Exchange 2010 environment with Windows PowerShell 2.0 and the Exchange Management Shell Windows Server Automation with PowerShell Cookbook Thomas Lee,Jeffrey Snover,2021-07-30 Develop a holistic understanding of Windows Server with over

100 PowerShell recipes Key Features Updated with new recipes on the .NET Framework enterprise server security and managing Windows Server with WMI Learn PowerShell best practices to automate common tasks and manage AD enterprise security Azure and .NET 5 Discover new ways to optimize your PowerShell code by working through easy to follow recipes Book Description With a foreword from PowerShell creator Jeffrey Snover this heavily updated edition is designed to help you learn how to use PowerShell 7.1 effectively and manage the core roles features and services of Windows Server in an enterprise setting All scripts are compatible with both Windows Server 2022 and 2019 This latest edition equips you with over 100 recipes you'll need in day to day work covering a wide range of fundamental and more advanced use cases We look at how to install and configure PowerShell 7.1 along with useful new features and optimizations and how the PowerShell compatibility solution bridges the gap to older versions of PowerShell Topics include using PowerShell to manage networking and DHCP in Windows Server objects in Active Directory Hyper V and Azure Debugging is crucial so the book shows you how to use some powerful tools to diagnose and resolve issues with Windows Server What you will learn Perform key admin tasks on Windows Server Keep your organization secure with JEA group policies logs and Windows Defender Use the .NET Framework for administrative scripting Manage data and storage on Windows including disks volumes and filesystems Create and configure Hyper V VMs implementing storage replication and checkpoints Set up virtual machines websites and shared files on Azure Report system performance using built in cmdlets and WMI to obtain single measurements Apply the right tools and modules to troubleshoot and debug Windows Server Who this book is for This book is for systems administrators software architects developers or engineers working with Windows Server seeking to automate tasks more effectively with PowerShell 7.1 Basic knowledge of PowerShell is expected

Windows Server 2016 Automation with PowerShell Cookbook

Thomas Lee, 2017-09-21 Over 100 recipes to help you leverage PowerShell to automate Windows Server 2016 manual tasks About This Book Automate Windows server tasks with the powerful features of the PowerShell Language Master new features such as DevOps containers and Nano servers and speed up their performance using PowerShell Improve PowerShell's usability and control and manage Windows based environments by working through inviting recipes Who This Book Is For If you are a systems administrator engineer or an architect working with Windows Server 2016 and want to automate tasks with PowerShell then this book is for you A basic knowledge of PowerShell is expected What You Will Learn Streamline routine administration processes Improve the performance and storage of your Windows server with enhanced large scale PowerShell scripts Use DSC to leverage Windows server features Generate automatic reports that highlight unexpected changes in your environment Monitor performance and report on system utilization using detailed graphs and analysis Create and manage a reliable and redundant Hyper V environment Manage your enterprise's patch level Utilize multiple tools and protocols to manage your environment In Detail This book showcases several ways that Windows administrators can use to automate and streamline their job You'll start with the PowerShell and Windows Server fundamentals where you'll

become well versed with PowerShell and Windows Server features In the next module Core Windows Server 2016 you ll implement Nano Server manage Windows updates and implement troubleshooting and server inventories You ll then move on to the Networking module where you ll manage Windows network services and network shares The last module covers Azure and DSC where you will use Azure on PowerShell and DSC to easily maintain Windows servers Style and approach This is a practical guide packed with attractive recipes to help you effectively use PowerShell to accelerate your daily administrative tasks with Windows server

Microsoft Exchange Server PowerShell Essentials Biswanath Banerjee,2016-02-26 Leverage the power of basic Windows PowerShell scripts to manage your Exchange messaging environment About This Book Get to grips with Windows PowerShell and how it can be used to manage various aspects of the operating system and applications Become proficient in PowerShell and apply it to manage Exchange infrastructure on premise or via Exchange Online as part of Office 365 Learn to create Windows PowerShell scripts to do administrative tasks with this step by step easy to follow guide Who This Book Is For This book is for administrators with a basic or limited understanding of Windows PowerShell and who want to increase their skill set in managing both the Exchange On Premise and Online environments What You Will Learn Deep dive into the Windows PowerShell basics Create and manage Recipients and permissions Manage Distribution Group members permissions and group types Understand Certificates and Role Based Access Control using real world examples Review the usage of email address address book and retention policies with examples Learn to manage Exchange Client Access and Mailbox Server roles Use PowerShell for auditing and risk management in your Exchange organization Manage a highly available Exchange environment using PowerShell Interact with Exchange through the use of the Exchange Web Services managed API In Detail PowerShell has become one of the most important skills in an Exchange administrator s armory PowerShell has proved its mettle so widely that if you re not already starting to learn PowerShell then you re falling behind the industry It isn t difficult to learn PowerShell at all In fact if you ve ever run commands from a CMD prompt then you ll be able to start using PowerShell straightaway This book will walk you through the essentials of PowerShell in Microsoft Exchange Server and make sure you understand its nitty gritty effectively You will first walk through the core concepts of PowerShell and their applications This book discusses ways to automate tasks and activities that are performed by Exchange administrators and that otherwise take a lot of manual effort Microsoft Exchange PowerShell Essentials will provide all the required details for Active Directory System and Exchange administrators to help them understand Windows PowerShell and build the required scripts to manage the Exchange Infrastructure Style and approach This book is written with its target audience in mind concepts are explained and followed by real life examples A comprehensive script is provided in each chapter to give you hands on practice with all the major commands used in it

PowerShell 7 for IT Professionals Thomas Lee,2020-12-22 Take advantage of everything Microsoft s new PowerShell 7 has to offer PowerShell 7 for IT Pros is your guide to using PowerShell 7 the open source cross platform version of Windows PowerShell Windows IT

professionals can begin setting up automation in PowerShell 7 which features many improvements over the early version of PowerShell Core and Windows PowerShell PowerShell 7 users can enjoy the high level of compatibility with the Windows PowerShell modules they rely on today This book shows IT professionals especially Windows administrators and developers how to use PowerShell7 to engage in their most important tasks such as managing networking using AD DNS DHCP leveraging Azure and more To make it easy to learn everything PowerShell 7 has to offer this book includes robust examples each containing sample code so readers can follow along Scripts are based on PowerShell 7 running on Windows 10 19H1 or later and Windows Server 2019 Learn to navigate the PowerShell 7 administrative environment Use PowerShell 7 to automate networking Active Directory Windows storage shared data and more Run Windows Update IIS Hyper V and WMI and CIM cmdlets within PowerShell 7 Understand how to handle reporting in the new PowerShell 7 environment PowerShell 7 for IT Pros provides exclusive coverage of using PowerShell with both cloud based systems and virtualized environments Hyper V and Azure Written by PowerShell veteran Thomas Lee this is the only book you ll need to get started with PowerShell 7

Troubleshooting Windows Server with PowerShell Derek Schauland,Donald Jacobs,2016-04-29 This book shows you how to use PowerShell to quickly pinpoint diagnose and solve problems with your Windows Server environment reducing the need for external tools and ensuring you stay up to date with PowerShell as it quickly becomes one of the most useful tools in an administrator s toolkit Authors Derek Schauland and Donald Jacobs take you through a range of examples showing you how to gather information from different computer sources Whether you are logged into the server locally or just wanting to check the status of a server from your local computer the right PowerShell cmdlets can give you a lot of information quickly and allow you to troubleshoot your servers from the command line with little interaction with the server s desktop In this book you ll learn how PowerShell can help you Understand PowerShell versus the GUI Gather information from Windows event logs Gather information from your server including memory hardware configurations and disk space available Find out what applications are installed on a server Find out which Windows updates have been installed on your computer Check the processes running on your computer and gather information about them or start and stop them from the command line Quickly check if services are running and stop or start them as needed Who This Book Is For Windows Administrators IT Professionals and support personnel needing ways to quickly find and troubleshoot issues in their environment using the included tools Those entering IT or wishing to develop their PowerShell skills will also benefit from this book

Microsoft Exchange Server 2007 For Dummies John Paul Mueller,2008-11-24 Microsoft Exchange Server 2007 was made to help you handle e mail meeting management and other essential office services Microsoft Exchange Server 2007 For Dummies helps you get a handle on Exchange Server Pretty slick huh Here s the lowdown on installing and administering Microsoft Exchange Server 2007 and taking advantage of all the enhancements in Service Pack 1 With this handy guide you ll be able to maximize the security reliability and speed that Exchange Server 2007 provides Assess your

organization's needs to determine which edition of Exchange Server best meets them Explore what Exchange Server does then plan install and configure it Consider how your users work with their mail and customize your set up to facilitate their needs Learn to use the Exchange Management Console Use the new Exchange Server security features to protect e mail from viruses spam phishing and other threats Set up an offline address book use templates and develop custom forms Create settings for the most efficient interaction with clients use multiple mailboxes and view digital certificates Manage resource scheduling and interactive calendars Troubleshoot your configuration perform regular maintenance and be able to recover from mail specific problems Monitor Exchange Server performance and maintain databases mail flow and peak performance Microsoft Exchange Server 2007 For Dummies gets you ready to exchange problems for solutions Note CD ROM DVD and other supplementary materials are not included as part of eBook file

Microsoft Exchange Server 2010 Inside Out Tony Redmond, 2010-11-24 Dive into Exchange Server 2010 and SP1 and discover how to really put your messaging solutions to work This well organized and in depth reference packs all the details you need to deploy and manage Exchange 2010 including hundreds of timesaving solutions expert tips and workarounds Topics include preparing for the deployment of Exchange 2010 new features of Service Pack 1 using Remote PowerShell and the Exchange Management Shell understanding how the new Role Based Access Control RBAC permissions model works and how to customize it to your requirements the new high availability model for the Exchange Store and how to approach designs for Database Availability Groups using compliance features such as archive mailboxes retention policies and multi mailbox discovery searches the new role of the Client Access Server as the MAPI endpoint for Microsoft Outlook clients the redesign of Outlook Web App OWA and the introduction of the Exchange Control Panel and many more topics to ease the roll out of Microsoft's latest messaging server

Microsoft Exchange Server 2007 with SP1 Tony Redmond, 2008-04-30 Exchange 2007 represents the biggest advance in the history of Microsoft Exchange Server technology Given Exchange's leap to x64 architecture and its wide array of new features it isn't surprising that the SP1 release of 2007 would be particularly robust in terms of hotfixes security enhancements and additional functionality Tony Redmond's upgraded edition of his popular Microsoft Exchange Server 2007 bible features extensive coverage of the significant changes and additions offered with SP1 Every chapter has been updated with particular focus on the most pivotal aspects of SP1 including install enabling on Windows Server 2008 IPv6 support Unified Messaging inclusion EMC enhancements Client Access Improvements for Outlook Web Access and Activesync New user interfaces for POP3 and IMAP4 System resource monitoring and message routing improvements New features for the mailbox server role pst file data management improvements new high availability features optimization for mobile access and much more Complete coverage of all the updates in SP1 ensure admins skip the initial 2007 release's bugs and upgrade with ease Written by HP Services CTO Tony Redmond the world's most trusted author of Exchange books for over a decade 250 pages of updates throughout including totally new sections on Windows 2008 compatibility Microsoft Yona Windows Mobile 6

and 6 1 devices Apple iPhone and more Pro Exchange 2013 SP1 PowerShell Administration Michel de Rooij,Jaap Wesselius,2014-12-19 Pro Exchange 2013 SP1 PowerShell Administration is your one stop resource for both basic and advanced administration of Exchange Server 2013 Service Pack 1 and Exchange Online Microsoft s best selling hosted Exchange service The industry shift that is currently happening toward the cloud is not just about hosting your applications somewhere else It s also driving automation and standardization of technical solutions which in turn is leading to greater productivity Embracing PowerShell will help you administer your existing environment more efficiently and also teach you valuable cloud ready skills as well This book is your best in class companion for gaining a deep thorough understanding of managing all facets of Exchange 2013 Service Pack 1 with PowerShell Authors Michel de Rooij and Jaap Wesselius both Microsoft messaging MVPs take you through tips tricks and little known facts that will make your administration life simpler and more effective Along with revealing what s new in Exchange Server 2013 this well paced deeply engaging tutorial provides detailed deployment guidance for upgraders and migrators as well as for organizations entirely new to the Exchange platform The book details how all of the major Exchange components fit together from SMTP messages to all kinds of clients It also provides in depth configuration examples with an eye toward creating scalable reliable and secure installations Additionally this guide covers the tools and techniques for monitoring an Exchange environment and troubleshooting when things go wrong Discover how to automate time consuming management tasks configure a Hybrid environment with an on premises Exchange deployment and more today with Pro Exchange 2013 SP1 PowerShell Administration Teaches you the basics of PowerShell and provides a foundation for more advanced scripting Deploy an Office 365 tenant in hybrid mode with your existing Exchange servers Learn how to manage Exchange Online with Remote PowerShell **iPhone with Microsoft Exchange Server 2010** Steve Goodman,2012-03-20 iPhone with Microsoft Exchange Server 2010 Business Integration and Deployment is a practical step by step tutorial on planning installing and configuring Exchange Server to deploy iPhones into your business This book is aimed at system administrators who don t necessarily know about Exchange Server 2010 or ActiveSync based mobile devices A basic level of knowledge around Windows Servers is expected and knowledge of smartphones and email systems in general will make some topics a little easier *Active Directory* Brian Desmond,Joe Richards,Robbie Allen,Alistair G. Lowe-Norris,2008-11-24 To help you take full advantage of Active Directory this fourth edition of this bestselling book gives you a thorough grounding in Microsoft s network directory service With Active Directory you ll learn how to design manage and maintain an AD infrastructure whether it s for a small business network or a multinational enterprise with thousands of resources services and users This detailed and highly accurate volume covers Active Directory from its origins in Windows 2000 through Windows Server 2008 But unlike typical dry references Active Directory presents concepts in an easy to understand narrative style With this book you will Get a complete review of all the new Windows 2008 features Learn how Active Directory works with Exchange and

PowerShell Take advantage of the updated scripting and programming chapters to automate AD tasks Learn how to be more efficient with command line tools Grasp concepts easily with the help of numerous screenshots and diagrams Ideal for administrators IT professionals project managers and programmers alike Active Directory is not only for people getting started with AD it s also for experienced users who need to stay up to date with the latest AD features in Windows Server 2008 It is no wonder this guide is the bestselling AD resource available

Microsoft Exchange Server 2007: Tony Redmond's Guide to Successful Implementation Tony Redmond, 2011-04-08 Microsoft Exchange Server 2007 marks the biggest advancement in the history of the Exchange Product group The completely re engineered server system will change the face of how IT administrators approach Exchange Tony Redmond one of the world s most acclaimed Exchange experts offers insider insight from the very basics of the newly transformed architecture to understanding the nuances of the new and improved Microsoft Management Console MMC 3.0 and the two new administrative interfaces the Exchange Management Console EMC and the Exchange Management Shell EMS How Exchange works with Active Directory How the new management model works How to use the Exchange Management Shell to automate administrative operations How Outlook Outlook Web Access and Windows Mobile clients work with Exchange How Exchange 2007 message routing differs from previous versions How to help your users to use Exchange intelligently How to select hardware for Exchange 2007

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