

Group Policy Fundamentals Security And The Managed Desktop

Revised and updated to keep pace with this ever changing field, Security Strategies in Windows Platforms and Applications, Third Edition focuses on new risks, threats, and vulnerabilities associated with the Microsoft Windows operating system, placing a particular emphasis on Windows 10, and Windows Server 2016 and 2019. The Third Edition highlights how to use tools and techniques to decrease risks arising from vulnerabilities in Microsoft Windows operating systems and applications. The book also includes a resource for readers desiring more information on Microsoft Windows OS hardening, application security, and incident management. With its accessible writing style, and step-by-step examples, this must-have resource will ensure readers are educated on the latest Windows security strategies and techniques. You can get there The Network Security Fundamentals Project Manual offers a wealth of easy-to-read, practical, and up-to-date activities that reinforce fundamental network security concepts. You will develop the core competencies and skills you'll need in the real world, including how to:

- * Install Network Monitor and capture traffic
- * Encrypt files using folder properties and the cipher command
- * Install and use Certificate Services
- * Configure an IPsec policy that requires authentication and encryption
- * Use RSoP to view effective policy settings
- * Configure Automatic Updates using the System utility and GroupPolicy
- * Choose an IDS and position it on a network

With five to seven projects per chapter ranging from easy to more advanced, the Network Security Fundamentals Project Manual is ideal for both traditional and online courses and is an excellent companion to Cole's Network Security Fundamentals ISBN:978-0-470-10192-6. Wiley Pathways helps you achieve your goals. The texts and project manuals in this series offer a coordinated curriculum for learning information technology. Learn more at www.wiley.com/go/pathways.

Aimed at readers with experience using Microsoft Windows Server 2000, discusses what is new and different in the 2003 version.

Become a master at managing enterprise identity infrastructure by leveraging Active Directory About This Book Manage your Active Directory services for Windows Server 2016 effectively Automate administrative tasks in Active Directory using PowerShell Manage your organization's network with ease Who This Book Is For If you are an Active Directory administrator, system administrator, or network professional who has basic knowledge of Active Directory and are looking to gain expertise in this topic, this is the book for you. What You Will Learn Explore the new features in Active Directory Domain Service 2016 Automate AD tasks with PowerShell Get to know the advanced functionalities of the schema Learn about Flexible Single Master Operation (FSMO) roles and their placement Install and migrate Active directory from older versions to Active Directory 2016 Manage Active Directory objects using different tools and techniques Manage users, groups, and devices effectively Design your OU structure in the best way Audit and monitor Active Directory Integrate Azure with Active Directory for a hybrid setup In Detail Active Directory is a centralized and standardized system that automates networked management of user data, security, and distributed resources and enables interoperation with other directories. If you are aware of Active Directory basics and want to gain expertise in it, this book is perfect for you. We will quickly go through the architecture and fundamentals of Active Directory and then dive deep into the core components, such as forests, domains, sites, trust relationships, OU, objects, attributes, DNS, and replication. We will then move on to AD schemas, global catalogs, LDAP, RODC, RMS, certificate authorities, group policies, and security best practices, which will help you gain a better understanding of objects and components and how they can be used effectively. We will also cover AD Domain Services and Federation Services for Windows Server 2016 and all their new features. Last but not least, you will learn how to manage your identity

Get Free Group Policy Fundamentals Security And The Managed Desktop

infrastructure for a hybrid-cloud setup. All this will help you design, plan, deploy, manage operations on, and troubleshoot your enterprise identity infrastructure in a secure, effective manner. Furthermore, I will guide you through automating administrative tasks using PowerShell cmdlets. Toward the end of the book, we will cover best practices and troubleshooting techniques that can be used to improve security and performance in an identity infrastructure. Style and approach This step-by-step guide will help you master the core functionalities of Active Directory services using Microsoft Server 2016 and PowerShell, with real-world best practices at the end.

This book focuses on the implementation and interoperability of Windows 2000 DNS with other current DNS architectures. Most DNS implementations are UNIX-based (BIND) and MS administrators will need to acquire stronger knowledge in this area. This book will focus on integration and less about Microsoft positioning (i.e. the shortcomings of different DNS models and how Microsoft tries to be "cutting edge".) Deploy, set up, and deliver network services with Windows Server 2019, and prepare for the MTA 98-365 exam Key Features Get started with server installation, performance monitoring, and server maintenance Develop the skills necessary to manage an enterprise environment Implement networking and security best practices in your Windows Server environment Book Description Windows Server 2019 is the server operating system introduced by Microsoft as part of the Windows NT family of operating systems, developed concurrently with Windows 10. This book will not only get you started with Windows Server 2019, but will also help you prepare for the MTA 98-365 exam. With step-by-step instructions and easy-to-understand graphics, you will become well-versed with the roles, features, and functions of Windows Server 2019. Starting with the installation process, upgrades, and basic configuration, you will move on to explore roles and features such as Active Directory, Hyper-V, remote access, storage, and printers. The book then takes you through maintenance and troubleshooting tasks to guide you in efficiently managing Windows Server 2019. In addition, it covers Windows Server 2019 best practices using real-world examples. Complete with questionnaires, and detailed answers at the end of the book, you can test your understanding of the concepts covered in each chapter. By the end of this book, you will be equipped with the knowledge you need to troubleshoot, update, and maintain servers so as to ensure business continuity. What you will learn Grasp the fundamentals of Windows Server 2019 Understand how to deploy Windows Server 2019 Discover Windows Server post-installation tasks Add roles to your Windows Server environment Apply Windows Server 2019 GPOs to your network Delve into virtualization and Hyper-V concepts Explore ways to tune, maintain, update, and troubleshoot Windows Server 2019 Study relevant concepts in preparation for the MTA 98-365 exam Who this book is for If you are a system administrator or an IT professional who wants to deploy and configure Windows Server 2019, this book is for you. You can also use this as a reference guide for the MTA: Windows Server Administration Fundamentals: 98-365 exam.

Students who are beginning studies in technology need a strong foundation in the basics before moving on to more advanced technology courses and certification programs. The Microsoft Technology Associate (MTA) is a new and innovative certification track designed to provide a pathway for future success in technology courses and careers. The MTA program curriculum helps instructors teach and validate fundamental technology concepts and provides students with a foundation for their careers as well as the confidence they need to succeed in advanced studies. Through the use of MOAC MTA titles you can help ensure your students future success in and out of the classroom. Vital fundamentals of security are included such as understanding security layers, authentication, authorization, and accounting. They will also become familiar with security policies, network security and protecting the Server and Client.

Featuring six comprehensive volumes?in print and on the CD?this official Microsoft RESOURCE KIT delivers the in-depth information you need to plan, implement, and manage your Windows Server 2008 systems. You get authoritative technical guidance from those who know

Get Free Group Policy Fundamentals Security And The Managed Desktop

the technology best?leading industry experts and the Microsoft Windows Server team. Plus, hundreds of scripts, 2,200+ pages of bonus content, and other essential resources. YOUR KIT INCLUDES: 6 print volumes?4,400+ pages?of in-depth reference and best practices 400+ customizable scripts for Windows® administration tasks Links to downloadable tools for IIS, Windows PowerShell, Microsoft Systems Center Operations Manager, Microsoft Network Monitor, and more eBooks for all 6 Resource Kit volumes Templates, worksheets, job aids Links to technical references, step-by-step guides, webcasts, and other resources Bonus eBook?Understanding IPv6, Second Edition Bonus eBook?Windows Server 2008 TCP/IP Protocols and Services Bonus eBook?TCP/IP Fundamentals for Microsoft Windows 20 sample chapters from related Microsoft Press® books Author Extras GET SIX ESSENTIAL VOLUMES, INCLUDING: Internet Information Services (IIS) 7.0 Resource Kit Plan and troubleshoot your installation Deploy modular Web servers Configure IIS and ASP.NET features using IIS Manager and command-line tools Create and manage sites, virtual directories, applications, application pools Use XML-based configuration Set up delegated and remote management Apply security best practices Manage Web server extensions Host a variety of dynamic application platforms Use built-in diagnostics and key troubleshooting tactics Tune your operations?balancing performance and security considerations Windows Administration Resource Kit: Productivity Solutions for IT Professionals Use role-based management to maximize control over enterprise resources Design mobility, resiliency, and security requirements into user-data infrastructure Customize MMC consoles to extend your administrative reach Automate the provisioning of shared folders Design least-privilege Active Directory® delegation; improve auditing and reporting Create groups that dynamically maintain their membership Implement system self-reporting Automate software deployment and change management without third-party tools Deliver advanced document-management and enterprise collaboration solutions Windows PowerShell Scripting Guide Automatically configure desktop settings across the network Maintain desktop health?monitoring disk space, drive configuration, and service configuration Read, search, and write event logs using scripts Manage system components, including drives, shares, and printers Configure network services such as DNS, DHCP, and WINS Manage system backup, recovery, and security features Troubleshoot installation and operation of systems and applications Maintain a Web site using IIS 7.0 Plus?get a complete list of cmdlets to help automate recurring tasks Windows Server 2008 Active Directory Resource Kit Plan the logical and physical structure?applying best practices for design Install, upgrade, or migrate your directory services Configure the integration of Active Directory and DNS Manage and troubleshoot replication Automate and simplify object management Use Group Policy to administer the user environment Configure domain and network security features, including built-in certificate services Monitor system health; optimize performanc

Organize your network resources by learning how to design, manage, and maintain Active Directory. Updated to cover Windows Server 2012, the fifth edition of this bestselling book gives you a thorough grounding in Microsoft's network directory service by explaining concepts in an easy-to-understand, narrative style. You'll negotiate a maze of technologies for deploying a scalable and reliable AD infrastructure, with new chapters on management tools, searching the AD database, authentication and security protocols, and Active Directory Federation Services (ADFS). This book provides real-world scenarios that let you apply what you've learned—ideal whether you're a network administrator for a small business or a multinational enterprise. Upgrade Active Directory to Windows Server 2012 Learn the fundamentals, including how AD stores objects Use the AD Administrative Center and other management tools Learn to administer AD with Windows PowerShell Search and gather AD data, using the LDAP query syntax Understand how Group Policy functions Design a new Active Directory forest Examine the Kerberos security protocol Get a detailed look at the AD replication process

Get Free Group Policy Fundamentals Security And The Managed Desktop

The first major book on MDM written by Group Policy and Enterprise Mobility MVP and renowned expert, Jeremy Moskowitz! With Windows 10, organizations can create a consistent set of configurations across the modern enterprise desktop-for PCs, tablets, and phones-through the common Mobile Device Management (MDM) layer. MDM gives organizations a way to configure settings that achieve their administrative intent without exposing every possible setting. One benefit of MDM is that it enables organizations to apply broader privacy, security, and application management settings through lighter and more efficient tools. MDM also allows organizations to target Internet-connected devices to manage policies without using Group Policy (GP) that requires on-premises domain-joined devices. This makes MDM the best choice for devices that are constantly on the go. With Microsoft making this shift to using Mobile Device Management (MDM), a cloud-based policy-management system, IT professionals need to know how to do similar tasks they do with Group Policy, but now using MDM, with its differences and pitfalls.

- What is MDM (and how is it different than GP)
- Setup Azure AD and MDM Auto-Enrollment
- New PC Rollouts and Remote Refreshes: Autopilot and Configuration Designer
- Enterprise State Roaming and OneDrive Documents Roaming

Renowned expert and Microsoft Group Policy and Enterprise Mobility MVP Jeremy Moskowitz teaches you MDM fundamentals, essential troubleshooting techniques, and how to manage your enterprise desktops.

This full-color guide covers the basics of securing a Windows operating system and prepares you to take the Microsoft Technology Associate Exam 98-367, Security Fundamentals. You'll learn essential security principles, then quickly get up to speed on malware, NTFS permissions, firewalls, encryption, and much more.

Revised and updated with the latest data in the field, Fundamentals of Information Systems Security, Third Edition provides a comprehensive overview of the essential concepts readers must know as they pursue careers in information systems security. The text opens with a discussion of the new risks, threats, and vulnerabilities associated with the transition to a digital world. Part 2 presents a high level overview of the Security+ Exam and provides students with information as they move toward this certification.

Learn how to secure and manage every desktop in your network with Creating the Secure Managed Desktop: Using Group Policy, SoftGrid, Microsoft Deployment Toolkit, and Other Management Tools. Understand the tools and technologies you will need to create a more secure network using Windows Server 2008, Windows Vista and other Windows platforms and learn how to manage, diagnose, configure, update, and protect multiple desktops in an Active Directory network. Master automating tasks, setting and controlling settings, managing user profiles, and locking down systems from this must-have reference.

Streamline Windows Server management by grouping policy settings to monitor and regulate users and the network's computers. Revised and updated to include Windows Server 2008 and Vista, Group Policy: Fundamentals, Security, and Troubleshooting examines how Group Policy monitors and regulates users and controls activity on a network's computers. Employ the various Group Policy settings, learn how to manage Group Policy with Management Console, troubleshoot Group Policy settings, and implement network security with Group Policy. Also, find ready-to-use scripts that you can use to automate routine administration tasks.

A Sybex guide to Windows Security concepts, perfect for IT beginners Security is one of the most important components to every company's computer network. That's why the Security Fundamentals MTA Certification is so highly sought after. Filling IT positions is a top problem in today's businesses, so this certification could be your first step toward a stable and lucrative IT career. Security Fundamentals is your guide to developing a strong foundational understanding of

Windows security, so you can take your IT career to the next level and feel confident going into the certification exam. Security Fundamentals features approachable discussion of core security concepts and topics, and includes additional learning tutorials and tools. This book covers everything you need to know about security layers, authentication, authorization, security policies, and protecting your server and client. Each chapter closes with a quiz so you can test your knowledge before moving to the next section. Learn everything you need for the Security Fundamentals MTA Certification Understand core security principles, including security layers and network security Learn essential concepts in physical security, internet security, and wireless security Identify the different types of hardware firewalls and their characteristics Test your knowledge and practice for the exam with quiz questions in every chapter IT professionals looking to understand more about networking will gain the knowledge to effectively secure a client and server, and to confidently explain basic security concepts. Thanks to the tools and tips in this Sybex title, you will be able to apply your new IT security skills in real world situations and on exam day.

Readings and Cases in Information Security: Law and Ethics provides a depth of content and analytical viewpoint not found in many other books. Designed for use with any Cengage Learning security text, this resource offers readers a real-life view of information security management, including the ethical and legal issues associated with various on-the-job experiences. Included are a wide selection of foundational readings and scenarios from a variety of experts to give the reader the most realistic perspective of a career in information security. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Practical, Foundational Technical Introduction to the World's #1 Cloud Platform Includes access to several hours of online training video: Mark Wilkins' expert training video library guides you through setting up core services and prepares you to deploy your own apps and resources. Learning Amazon Web Services (AWS) is the perfect foundational resource for all administrators, developers, project managers, and other IT professionals who want to plan and deploy AWS services and/or earn AWS certification. Top cloud trainer and evangelist Mark Wilkins teaches best practices that align with Amazon's Well-Architected Framework, introduces key concepts in the context of a running case study, carefully explains how core AWS services operate and integrate, and offers extensively tested tips for maximizing flexibility, security, and value. Companion online videos guide you step-by-step through setting AWS compute, storage, networking, scale, security, automation, and more. Balance cost, compliance, and latency in your service designs Choose the right networking options for your virtual private cloud (VPC) Build, host, launch, manage, and budget for EC2 compute services Plan for scale and resiliency, and make informed decisions about AWS storage Enforce strict security, and automate to improve operational efficiency This book with companion training videos is a valuable learning tool for

anyone seeking to demonstrate expertise through formal certification. WEB EDITION: All buyers of the book or ebook can register your book for access to a free online Web Edition of this title, which included videos embedded within the text, plus updates as they become available.

PART OF THE NEW JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES! More than 90 percent of individuals, students, educators, businesses, organizations, and governments use Microsoft Windows, which has experienced frequent attacks against its well-publicized vulnerabilities. Written by an industry expert, *Security Strategies in Windows Platforms and Applications* focuses on new risks, threats, and vulnerabilities associated with the Microsoft Windows operating system. Particular emphasis is placed on Windows XP, Vista, and 7 on the desktop, and Windows Server 2003 and 2008 versions. It highlights how to use tools and techniques to decrease risks arising from vulnerabilities in Microsoft Windows operating systems and applications. The book also includes a resource for readers desiring more information on Microsoft Windows OS hardening, application security, and incident management. With its accessible writing style, and step-by-step examples, this must-have resource will ensure readers are educated on the latest Windows security strategies and techniques.

A full-color guide to key Windows 7 administration concepts and topics Windows 7 is the leading desktop software, yet it can be a difficult concept to grasp, especially for those new to the field of IT. *Microsoft Windows Operating System Essentials* is an ideal resource for anyone new to computer administration and looking for a career in computers. Delving into areas such as fundamental Windows 7 administration concepts and various desktop OS topics, this full-color book addresses the skills necessary for individuals looking to break into a career in IT. Each chapter begins with a list of topic areas to be discussed, followed by a clear and concise discussion of the core Windows 7 administration concepts and skills necessary so you can gain a strong understanding of the chapter topic areas. The chapters conclude with review questions and suggested labs, so you can gauge your understanding of the chapter's contents. Offers in-depth coverage of operating system configurations Explains how to install and upgrade client systems Addresses managing applications and devices Helps you understand operating system maintenance Covers the topics you need to know for the MTA 98-349 exam The full-color *Microsoft Windows 7 Essentials* proves itself to be an invaluable resource on Windows 7 and features additional learning tutorials and tools.

Get up to speed on the latest Group Policy tools, features, and best practices *Group Policy, Fundamentals, Security, and the Managed Desktop, 3rd Edition* helps you streamline Windows and Windows Server management using the latest Group Policy tools and techniques. This updated edition covers Windows 10 and Windows Server vNext, bringing you up to speed on all the newest settings, features, and best practices. Microsoft Group Policy MVP Jeremy Moskowitz teaches

you the major categories of Group Policy, essential troubleshooting techniques, and how to manage your Windows desktops. This is your complete guide to the latest Group Policy features and functions for all modern Windows clients and servers, helping you manage more efficiently and effectively. Perform true desktop and server management with the Group Policy Preferences, ADMX files, and additional add-ons Use every feature of the GPMC and become a top-notch administrator Troubleshoot Group Policy using tools, enhanced logs, Resource Kit utilities, and third-party tools Manage printers, drive maps, restrict hardware, and configure Internet Explorer Deploy software to your desktops, set up roaming profiles, and configure Offline Files for all your Windows clients-and manage it all with Group Policy settings Secure your desktops and servers with AppLocker, Windows Firewall with Advanced Security, and the Security Configuration Manager This is your comprehensive resource to staying current, with expert tips, techniques, and insight. Discover how to achieve seamless and easy to deploy remote access with Windows Server 2012's successor to DirectAccess in this essential guide for administrators.

When you need practical hands-on support for Active Directory, the updated edition of this extremely popular Cookbook provides quick solutions to more than 300 common (and uncommon) problems you might encounter when deploying, administering, and automating Microsoft's network directory service. For the third edition, Active Directory expert Laura E. Hunter offers troubleshooting recipes based on valuable input from Windows administrators, in addition to her own experience. You'll find solutions for the Lightweight Directory Access Protocol (LDAP), ADAM (Active Directory Application Mode), multi-master replication, Domain Name System (DNS), Group Policy, the Active Directory Schema, and many other features. The Active Directory Cookbook will help you: Perform Active Directory tasks from the command line Use scripting technologies to automate Active Directory tasks Manage new Active Directory features, such as Read-Only Domain Controllers, fine-grained password policies, and more Create domains and trusts Locate users whose passwords are about to expire Apply a security filter to group policy objects Check for potential replication problems Restrict hosts from performing LDAP queries View DNS server performance statistics Each recipe includes a discussion explaining how and why the solution works, so you can adapt the problem-solving techniques to similar situations. Active Directory Cookbook is ideal for any IT professional using Windows Server 2008, Exchange 2007, and Identity Lifecycle Manager 2007, including Active Directory administrators looking to automate task-based solutions. "It is rare for me to visit a customer site and not see a copy of Active Directory Cookbook on a shelf somewhere, which is a testament to its usefulness. The Cookbook takes the pain out of everyday AD tasks by providing concise, clear and relevant recipes. The fact that the recipes are provided using different methods (graphical user interface, command line and scripting) means that the book is suitable for anyone working with AD on a day-to-day basis. The introduction of PowerShell examples in this latest edition will be of particular interest for those looking to transition from VBScript. Laura has also done a great job in extending the Cookbook in this edition to encompass the broad range of changes to AD in Windows Server 2008." --Tony Murray, Founder of Activedir.org and Directory Services MVP "If you already understand Active Directory fundamentals and are looking for a quick solution to common Active Directory related tasks, look no further, you have found the book that you need." --Joe Richards, Directory Services MVP "The Active Directory Cookbook is the real deal... a soup-to-nuts catalog of every administrative task an Active Directory administrator needs to perform. If you administer an Active Directory installation, this is the very first

book you have to put on your shelf." --Gil Kirkpatrick, Chief Architect, Active Directory and Identity Management, Quest Software and Directory Services MVP

Traditional Chinese Edition of [Sandworm: A New Era of Cyberwar and the Hunt for the Kremlin's Most Dangerous Hackers]

Inequality in Education: Comparative and International Perspectives is a compilation of conceptual chapters and national case studies that includes a series of methods for measuring education inequalities. The book provides up-to-date scholarly research on global trends in the distribution of formal schooling in national populations. It also offers a strategic comparative and international education policy statement on recent shifts in education inequality, and new approaches to explore, develop and improve comparative education and policy research globally. Contributing authors examine how education as a process interacts with government finance policy to form patterns of access to education services. In addition to case perspectives from 18 countries across six geographic regions, the volume includes six conceptual chapters on topics that influence education inequality, such as gender, disability, language and economics, and a summary chapter that presents new evidence on the pernicious consequences of inequality in the distribution of education. The book offers (1) a better and more holistic understanding of ways to measure education inequalities; and (2) strategies for facing the challenge of inequality in education in the processes of policy formation, planning and implementation at the local, regional, national and global levels.

Find in-depth coverage of general networking concepts and basic instruction on Windows Server 2008 installation and management including active directory, DNS, Windows storage, and TCP/IP and IPv4 networking basics in Mastering Windows Server 2008 Networking

Foundations. One of three new books by best-selling author Mark Minasi, this guide explains what servers do, how basic networking works (IP basics and DNS/WINS basics), and the fundamentals of the under-the-hood technologies that support staff must understand. Learn how to install Windows Server 2008 and build a simple network, security concepts, and basic Windows Server administration.

The Laboratory Manual is a valuable tool designed to enhance your lab experience. Lab activities, objectives, materials lists, step-by-step procedures, illustrations, and review questions are commonly found in a Lab Manual. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Learn about firewalls, wireless security, desktop protection, biometrics, new IDS technology, and get up-to-date coverage of the Patriot Act and additional information on state laws.

Manage and administer your environment with ease About This Book Get your hands on learning the fundamentals to managing and administering Windows Server 2016. A step-by-step guide that will help you develop necessary skills and knowledge to manage an enterprise environment. Learn to implement strong networking and security practices into your Windows Server environment. Who This Book Is For If you are a System administrator or an IT professional interested in configuring and deploying Windows Server 2016 then, this book is for you.

This book will also help readers clear the MTA: Windows Server Administration Fundamentals: 98-365 exam. What You Will Learn Become familiar with Windows Server OS concepts Learn how to install Windows Server 2016 Learn how to install device drivers and run services in Windows Server 2016 Learn how to add and install roles in Windows Server 2016 Learn how to apply GPO to your Windows Server 2016 environment Learn how to tune, maintain, update, and troubleshoot Windows Server 2016 Prepare for the MTA 98-365 exam In Detail

Windows Server 2016 is the server operating system developed by Microsoft as part of the Windows NT family of operating systems, developed concurrently with Windows 10. This book is designed to get you started with Windows Server 2016. It will prepare you for your MTA 98-365 exam. With step-by-step instructions driven by targeted, easy-to-understand graphics, you will be able to understand the roles,

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

When you need practical hands-on support for Active Directory, the updated edition of this extremely popular Cookbook provides quick solutions to more than 300 common (and uncommon) problems you might encounter when deploying, administering, and automating Microsoft's network directory service. For the third edition, Active Directory expert Laura E. Hunter offers troubleshooting recipes based on valuable input from Windows administrators, in addition to her own experience. You'll find solutions for the Lightweight Directory Access Protocol (LDAP), ADAM (Active Directory Application Mode), multi-master replication, Domain Name System (DNS), Group Policy, the Active Directory Schema, and many other features. The Active Directory Cookbook will help you:

- Perform Active Directory tasks from the command line
- Use scripting technologies to automate Active Directory tasks
- Manage new Active Directory features, such as Read-Only Domain Controllers, fine-grained password policies, and more
- Create domains and trusts
- Locate users whose passwords are about to expire
- Apply a security filter to group policy objects
- Check for potential replication problems
- Restrict hosts from performing LDAP queries
- View DNS server performance statistics

Each recipe includes a discussion explaining how and why the solution works, so you can adapt the problem-solving techniques to similar situations. Active Directory Cookbook is ideal for any IT professional using Windows Server 2008, Exchange 2007, and Identity Lifecycle Manager 2007, including Active Directory administrators looking to automate task-based solutions. "It is rare for me to visit a customer site and not see a copy of Active Directory Cookbook on a shelf somewhere, which is a testament to its usefulness. The Cookbook takes the pain out of everyday AD tasks by providing concise, clear and relevant recipes. The fact that the recipes are provided using different methods (graphical user interface, command line and scripting) means that the book is suitable for anyone working with AD on a day-to-day basis. The introduction of PowerShell examples in this latest edition will be of particular interest for those looking to transition from VBScript. Laura has also done a great job in extending the Cookbook in this edition to encompass the broad range of changes to AD in Windows Server 2008." --Tony Murray, Founder of Activedir.org and Directory Services MVP "If you already understand Active Directory fundamentals and are looking for a quick solution to common Active Directory related tasks, look no further, you have found the book that you need." --joe Richards, Directory Services MVP "The Active Directory Cookbook is the real deal... a soup-to-nuts catalog of every administrative task an Active Directory administrator needs to perform. If you administer an Active Directory installation, this is the very first book you have to put on your

shelf." --Gil Kirkpatrick, Chief Architect, Active Directory and Identity Management, Quest Software and Directory Services MVP -- Not only explains the new features of Windows .NET Server 2003, but also provides continued support for Windows 2000 administration.-- Covers changes in security, Active Directory, Microsoft Management Console, and integration with the .NET Framework, among many others changes.Windows .NET Server 2003 is the first Microsoft product that is innately affected by the company's recent Trustworthy Computing initiative. If this is successful, this will be the most stable, reliable, and dependable server OS that Microsoft has ever released. It will also feature an integrated environment with the .NET Framework and the Common Language Runtime. The Ultimate Windows .NET Server 2003 System Administrator's Guide is an essential resource for planning, deploying, and administering a Windows .NET enterprise system. The authors draw on years of experience designing and administering Windows NT and UNIX systems in order to guide you through the varied tasks involved in real-world system administration. There are detailed discussions of key Windows .NET Server administrative functions, and descriptions of many advanced tools and optional components. In addition the authors have included a comprehensive and convenient command reference.

10,8.1,7: SQL Server 2016, 2014, 2012, 2008 R2, 2008, 2005, 2000, 7, 8.1, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Completely rewritten to include Microsoft Windows Server 2003 coverage and other cutting-edge technologies, this best selling text will ensure your students' success on CompTIA's latest Server+ Exam.

"Updated to include Windows 10, 8.1, and 7 and Windows Server 2016 and 2012"--Cover.

The first major book on MDM written by Group Policy and Enterprise Mobility MVP and renowned expert, Jeremy Moskowitz! With Windows 10, organizations can create a consistent set of configurations across the modern enterprise desktop—for PCs, tablets, and phones—through the common Mobile Device Management (MDM) layer. MDM gives organizations a way to configure settings that achieve their administrative intent without exposing every possible setting. One benefit of MDM is that it enables organizations to apply broader privacy, security, and application management settings through lighter and more efficient tools. MDM also allows organizations to target Internet-connected devices to manage policies without using Group Policy (GP) that requires on-premises domain-joined devices. This makes MDM the best choice for devices that are constantly on the go. With Microsoft making this shift to using Mobile Device Management (MDM), a cloud-based policy-management system, IT professionals need to know how to do similar tasks they do with Group Policy, but now using MDM, with its differences and pitfalls. • What is MDM (and how is it different than GP) • Setup Azure AD and MDM Auto-Enrollment • New PC Rollouts and Remote Refreshes: Autopilot and Configuration Designer • Enterprise State Roaming and OneDrive Documents Roaming Renowned expert and Microsoft Group Policy and Enterprise Mobility MVP Jeremy Moskowitz teaches you MDM fundamentals, essential troubleshooting techniques, and how to manage your enterprise desktops.

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.

[Copyright: 294541b7ccffdbf9efd5bb115025cdfc](#)