

## Windows Shell Scripting And Wsh Administrators Guide

This book will give network administrators the knowledge and tools to develop time-saving scripts that will automate time-consuming tasks. They will also get the inside scoop on the new features found in the newest Script Host version, WSH 5.6. Readers will not find this new material on 5.6 in current WSH books. The Windows shell is the user interface for Windows 9x and Windows NT 4.0, allowing execution of common tasks such as accessing the file system, launching programs and changing system-wide settings. However, it's not just about user interaction : the shell exposes programming hooks that you can use from your own applications. This book shows you how to work with and extend the functionality of the shell, from tinkering with the Shell API to writing COM objects that get loaded into the address space. Within these pages is a compendium of shell programming techniques. You'll learn how to push the Windows shell to perform complex actions, and customise it using C++ programs. There's coverage of the Shell API, the Windows Scripting Host, and shell and namespace extensions that use the shell's object model. Who is this book for ? This title is for programmers who are experienced in Windows development and familiar with using COM and ATL to create components in Visual C++ . The book will show you how to use COM and the Shell API to integrate your application with the shell. It is not about making cosmetic changes to the desktop.

Explains how viruses, Trojans, worms, browser exploits, and email and instant messaging attacks can impact Windows and its component applications and explores potential defenses and enterprise-wide protection. Original.

(Intermediate)

Provides an introduction to programming with the Windows Script Host and the Visual Basic Scripting language through simple exercises.

Provides instructions for automating Windows 2000 administrative tasks using scripting techniques in order to complete routine tasks in core administration areas.

Demonstrates the programming language's strength as a Web development tool, covering syntax, data types, built-ins, the Python standard module library, and real world examples.

THE ONLY HANDS-ON, UP-TO-DATE GUIDE TO VBSCRIPT, THE WINDOWS COMMAND LINE, AND WINDOWS POWERSHELL Windows 7 and Vista contain state-of-the-art tools for streamlining or automating virtually any system management task. If you're a power user, administrator, or developer, these tools can help you eliminate repetitive work and manage your systems far more reliably and effectively. Renowned Windows expert Brian Knittel brings together the practical knowledge you need to use all these tools, including VBScript and Windows Scripting Host (WSH), traditional batch files, the advanced PowerShell command console, and more. Using plenty of examples, Knittel explains how

each tool works, and how to solve real-world problems with them. You'll master techniques ranging from accessing files to manipulating the Registry, sending automated emails to configuring new users. Knittel also provides concise, handy references to Windows 7/Vista's command line, GUI scripting, and object-based management tools. The only single-source guide to all leading methods of Windows scripting and automation, this book will help you get far more done—in far less time! Understand Windows Scripting Host (WSH) and the modern Windows scripting environment Script objects with VBScript, JScript, ActivePerl, and ActivePython Read and write files, including XML and HTML files Manipulate programs and shortcuts Manage network, printer, and fax connections Make the most of PowerShell under Windows 7 and Vista Monitor and administer Windows systems with Windows Management Interface (WMI) Use ADSI to control Active Directory and Microsoft Exchange, and manage users more efficiently Avoid mistakes that can compromise script security Use Windows' debugging tools to test and troubleshoot scripts Develop batch files that take full advantage of the command line Send faxes and email messages from scripts with Windows Fax and Collaboration Data Objects (CDO) Deploy your scripts throughout your organization Brian Knittel has been a software developer for more than 30 years. He has coauthored five titles in Que's Special Edition Using series, covering Microsoft Windows Vista, XP, and 2000. He is also author of Windows XP Under the Hood, and coauthor of Upgrading and Repairing Windows (with Scott Mueller).

One of the first books available on scripting the Windows NT shell, this title appeals to the many UNIX users migrating to Windows NT. It integrates hundreds of proven example scripts throughout the book and gives comprehensive reference of shell commands organized by functional group for ease of use.

Demonstrates the Windows 98 operating system's newest features while offering detailed documentation on commands, utilities, system configuration, and networking. Original. (Intermediate)

Pure JavaScript, Second Edition is a substantial and focused reference for experienced Web developers. This book begins with an accelerated introduction to the newest features of JavaScript so that experienced Web developers can quickly understand the concepts of JavaScript and begin developing their own JavaScript solutions immediately. Pure JavaScript, Second Edition contains concise descriptions of JavaScript forms, cookies, windows, and layers. Beyond the brief descriptions and short syntax snippets found in most references, this book also provides real-life, well-commented JavaScript examples for each documented object, property, method, and event handler. This not only helps the reader's understanding of the syntax, but also provides a contextual aid in determining how and why a specific object or method may be used. It also includes a special reference section dedicated to server-side JavaScript, coverage of JScript and Active Scripting, and a complete reference to browser-

supported JavaScript.

Windows 7 may be faster and more stable than Vista, but it's a far cry from problem-free. David A. Karp comes to the rescue with the latest in his popular Windows Annoyances series. This thorough guide gives you the tools you need to fix the troublesome parts of this operating system, plus the solutions, hacks, and timesaving tips to make the most of your PC. Streamline Windows Explorer, improve the Search tool, eliminate the Green Ribbon of Death, and tame User Account Control prompts Explore powerful Registry tips and tools, and use them to customize every aspect of Windows and solve its shortcomings Squeeze more performance from your hardware with solutions for your hard disk, laptop battery, CPU, printers, and more Stop crashes, deal with stubborn hardware and drivers, fix video playback issues, and troubleshoot Windows when it won't start Protect your stuff with permissions, encryption, and shadow copies Secure and speed up your wireless network, fix networking woes, make Bluetooth functional, and improve your Web experience Get nearly all of the goodies in 7 Ultimate, no matter which edition you have "Blunt, honest, and awesome." --Aaron Junod, Manager, Integration Systems at Evolution Benefits "This could be the best [money] you've ever spent." --Jon Jacobi, PC World "To use Windows is to be annoyed -- and this book is the best way to solve any annoyance you come across. It's the most comprehensive and entertaining guide you can get for turning Windows into an operating system that's a pleasure to use." --Preston Gralla, author of Windows Vista in a Nutshell, and Computerworld contributing editor

Lightweight yet powerful, VBScript from Microsoft® is used in four main areas: server-side web applications using Active Server Pages (ASP), client-side web scripts using Internet Explorer, code behind Outlook forms, and automating repetitive tasks using Windows Script Host (WSH). VBScript in a Nutshell, Second Edition delivers current and complete documentation for programmers and system administrators who want to develop effective scripts. Completely updated for VBScript 5.6, WSH 5.6 and ASP 3.0, VBScript In a Nutshell, Second Edition includes updated introductory chapters that will help you keep current with the significant changes since the first edition was published. New chapters introduce the Windows Script Component for creating binary COM components, and the Script Encoder. The main part of the book is a comprehensive reference focusing on VBScript essentials with an alphabetical reference to all statements, keywords and objects, and a section of notes and solutions to real-world gotchas--various undocumented behaviors and aspects of the language--to help you avoid potential problems. Each entry in the reference section details the following: The keyword's syntax, using standard code conventions A list of arguments accepted by the function or procedure, if any exist A discussion of how and where the keyword should be used within the scripting environment A discussion of the differences between the operation of the keyword in Visual Basic or VBA and in VBScript Regardless of your level of experience

programming with VBScript, VBScript in a Nutshell, Second Edition is the book you'll want by your side--the most complete, up-to-date, and easy-to-use language reference available.

Windows Server 2008 R2 Unleashed is the most comprehensive and realistic guide to planning, design, prototyping, implementation, migration, administration, and support. Based on the authors' unsurpassed experience working with Windows Server 2008 R2 since its earliest alpha releases, it offers indispensable guidance drawn from hundreds of production environments. Microsoft MVP Rand Morimoto and his colleagues systematically introduce Windows Server 2008 R2 to IT professionals, identifying R2's most crucial enhancements and walking through every step of installation and configuration. Next, they present comprehensive coverage of every area of Windows Server 2008 R2, including Active Directory, networking services, security, R2 migration from Windows Server 2003 and 2008, administration, fault tolerance, optimization and troubleshooting, core application services, and more. The authors thoroughly address major Windows Server 2008 R2 enhancements and present extensive coverage of R2 innovations ranging from Hyper-V virtualization to DirectAccess and the enhancements in Failover Clustering. Every chapter contains tips, tricks, and best practices learned from actual deployments: practical information for using Windows Server 2008 R2 to solve real business problems. Detailed information on how to... Plan and migrate from Windows Server 2003/2008 to Windows Server 2008 R2 and use R2's new server migration tools Manage Active Directory with Active Directory Administrative Center, Best Practice Analyzer, and PowerShell scripts Use R2's updated security tools and templates to lock down servers, clients, and networks Maximize availability with Windows Server 2008 R2 clustering, fault tolerance, and replication Streamline client management with new Group Policy ADMX settings and management tools Improve remote access using DirectAccess, Remote Desktop Services (formerly Terminal Services), and Virtual Desktop Infrastructure Implement Hyper-V virtualization including the built-in Live Migration technology Leverage add-ons such as Windows SharePoint Services, Windows Media Services, and IIS 7.5 PowerShell gives Windows administrators immense power to automate and customize virtually any administrative task—saving time, increasing productivity, and giving you unprecedented flexibility. PowerShell 2.0 adds important new features that offer even greater control over Windows environments. Windows PowerShell Unleashed will not only give you deep mastery over PowerShell but also a greater understanding of the features being introduced in PowerShell 2.0—and show you how to use it to solve your challenges in your production environment. The authors begin by systematically illuminating PowerShell's core concepts and techniques, helping you leverage whatever Windows scripting experience you may already have. Next, using complete, easy-to-adapt examples, they show how to use PowerShell to manage file systems, permissions, the Registry, WMI objects, Active Directory, Exchange Server, and

many other elements of the Windows environment. More than half of this edition's material and examples have been completely rewritten for PowerShell 2.0, and the authors have added seven entirely new chapters—covering security, PowerShell application development, Systems Center Operations Manager 2007, and much more. Whatever Windows systems you manage, Windows PowerShell Unleashed contains the scripts and techniques you need to manage them far more effectively. Install, configure, and customize PowerShell 2.0 and master its command line interface Discover proven best practices for PowerShell scripting Make the most of PowerShell cmdlets—especially the new cmdlets included in PowerShell 2.0 Leverage PowerShell's deep .NET Framework integration Secure your scripts using code signing, execution policies, and PowerShell's built-in security Use custom script functions to manage permissions more efficiently Control the registry locally and remotely and use PowerShell's powerful new registry transactions Use PowerShell as a management interface Automate Exchange Server 2007 administrative tasks Automate the management of Microsoft's new System Center Operations Manager 2007 Preview the forthcoming Graphical PowerShell scripting environment Understand how to manage Active Directory using PowerShell Master using PowerShell with WMI Learn PowerShell 2.0 remoting

Completely updated for Windows Vista and Windows Server 2003 R2, this book is packed with practical examples for today's programmer, Web developer, or system administrator Combines a comprehensive overview of the VBScript technology and associated technologies with sample code at every stage from beginner to advanced user Discusses the general syntax, functions, keywords, style, error handling, and similar language-specific topics and then moves into an expanded reference section covering the object models in detail Presents advanced coverage on Active Directory Service Interfaces (ADSI), PowerShell, security scripting, remote scripting, database scripting, and more

Windows Admin Scripting Little Black Book, 2nd Edition, shows Windows XP and 2003 users and administrators how to perform Windows management and administrative tasks using powerful scripts for just about every important task imaginable. It covers techniques for working with files, input/output, text files, and performing various network administrative tasks through scripting. It explains the concept and necessity of logon scripts, the backbone structure of a good logon script, and how to implement these scripts in an everyday environment to automate repetitive tasks such as inventory, file modifications, installations, and system updates. It also provides an in-depth look into the registry and registry editing tools including locating the important registry keys and values, and modifying them. The book features example scripts on every new topic covered to reinforce what the reader has just learned. Key scripting topics include manipulating the Windows XP file system, using powerful third-party scripting tools, creating scripts for installing service packs and new applications, automating applications from the command line, and performing Windows XP

and 2003 administrative tasks. Everything is included in this book, and users can easily modify or combine the scripts to perform myriad tasks. A bonus introduction chapter is provided showing users how to select the best scripting language and how to get the most out of scripting resources.

Einführung in das Arbeiten mit der Windows Shell, gestützt auf viele vollständig kommentierte Stapeldateien für Arbeitsabläufe aus der Praxis, die leicht für eigene Zwecke modifiziert werden können; mit umfangreichem Referenzteil.

The Windows Scripting Host (WSH) is Microsoft's evolutionary answer to a much-needed programming environment for the Windows desktop. This reference is for system administrators and programmers who want to automate and have control over their Windows environment without writing compiled VB and VC++ applications.

As the only complete reference for Windows command line utilities, this book take an in-depth look at the often-overlooked utilities accessible through the command line in Windows Vista, 2003, XP, and 2000. You'll learn to locate files, check status, monitor systems, and save time by using scripts to automate time-consuming tasks. Plus, this is the only book on the market with the complete set of Windows command line utilities—including the latest for Vista—and offers solutions that will help increase your productivity.

Here's the book you need to prepare for CompTIA's i-Net+ Exam. This Sybex Study Guide provides: Full coverage of every exam objective Practical information on network hardware Hundreds of challenging review questions, in the book and on the CD Leading-edge exam preparation software, including a testing engine and electronic flashcards Authoritative coverage of all exam objectives, including: Internet Basics Web Site Development Performance Monitoring Networking Fundamentals Internet Security E-Business Concepts Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Explains how to automate tasks on Windows operating systems and local area networks with scripts. The author first describes the syntax and rules for writing shell scripts before introducing the Windows script host (WSH). Topics include variable manipulation, conditional logic, iterative processing,

A demonstration of Python's basic technologies showcases the programming language's possibilities as a Windows development and administration tool.

Microsoft Windows Shell Scripting and WSH Administrator's GuideCengage Learning Ptr

Discusses how to install, run, and configure Windows XP for both the home and office, explaining how to connect to the Internet, design a LAN, and share drives and printers, and includes tips and troubleshooting techniques.

Accompanied by a CD-ROM containing all of the scripts, projects, games, and source code appearing in the book, this handbook for novice programmers teaches the fundamentals of programming while explaining how to create games by using Windows Shell scripts. Original. (Beginner)

Learn how to use scripting tools such as Shell Scripting, Autolt, KiXtart, and Windows Script Host.

**Book + Content Update Program** This is the most comprehensive and realistic guide to Windows Server 2016 planning, design, prototyping, implementation, migration, administration, and support. Extensively updated, it contains unsurpassed independent and objective coverage of Windows Server 2016's key innovations, from the cloud and containers to security and mobility. *Windows Server 2016 Unleashed* reflects the authors' extraordinary experience implementing Windows Server 2016 in large-scale environments since its earliest alpha releases. Microsoft MVP Rand Morimoto and colleagues fully address all aspects of deploying and operating Windows Server 2016, including Active Directory, networking, application services, security, administration, business continuity, virtualization, optimization, and troubleshooting. You'll find up-to-the-minute coverage of new features ranging from Storage Spaces Direct to Cluster-Aware Updating, and Dynamic Access Control to Nano Server. Valuable for Windows pros at all levels, this book will be indispensable especially for intermediate-to-advanced level professionals seeking expert, in-depth solutions. Every chapter contains tips, tricks, best practices, and lessons learned from actual deployments—practical help for solving real problems. Detailed information on how to:

- Take full advantage of key Windows Server 2016 innovations
- Plan, prototype, install, migrate to, and deploy Windows Server 2016 and Server Core
- Design a modern Windows Server Active Directory, from OUs and infrastructure to Federated Forests and Lightweight Directories
- Deliver reliable networking services: DNS, WINS, DNSSEC, DHCP, IPv, IPAM, and IIS
- Systematically harden server-level security
- Protect data in transit with PKI, certificates, rights management, and IPsec encryption
- Safely provide appropriate remote and mobile access for your users
- Efficiently administer, automate, maintain, and document Windows Server production environments
- Control Windows devices centrally with Group Policies and Policy Management
- Implement advanced fault tolerance, clustering, and other business continuity features
- Optimize, tune, and debug Windows Server, and plan for growth
- Leverage integrated application services, including SharePoint and Hyper-V

In addition, this book is part of InformIT's Content Update Program, which provides content updates for major technology improvements! As significant updates are made to Windows Server 2016, sections of this book will be updated or new sections will be added to match the updates to the technologies. As updates become available, they will be delivered to you via a free Web Edition of this book, which can be accessed with any Internet connection. To learn more, visit [informit.com/cup](http://informit.com/cup). How to access the Web Edition: Follow the instructions in the book to learn how to register your book to access the FREE Web Edition.

Learn to install, configure, run, and troubleshoot the professional versions of Vista in this comprehensive new guide from two leading Windows authorities. From Vista's all-new interface, 32-bit/64-bit architecture, and advanced security

features to its fantastic new capabilities for audio and video recording, editing, and broadcasting, you'll get the techniques and task-by-task instruction you need to master this dramatically different OS.

A guide to Ruby programming covers such topics as working with objects, strings, and variables; implementing conditional logic; working with Regular Expressions; object-oriented programming; and debugging.

Understanding WMI Scripting explains to Windows and Exchange Administrators how they can use the Windows Management Instrumentation (WMI) scriptable technology available in these products to ease their day-to-day management tasks. Under Windows.NET and Exchange 2000 (SP2), Microsoft is making solid enhancements in WMI. This will dramatically extend the scripting and manageability capabilities of Windows and Exchange. Illustrated with more than three hundred samples, the book links practical problems encountered by administrators to applicable scriptable solutions. Lissour focuses not on MI programming aspects for developers but on how administrators can use what is available in Windows and Exchange for their admin work. WMI is a very important topic under Windows.NET and Exchange 2000 (SP2), so this book provides real added value to Windows/Exchange administrators. Although Exchange relies on Windows, no other book combines coverage of Windows and Exchange. · Fine tune management of Windows servers · Achieve better system management and customize critical operations · Access hundreds of usable scripts in book and downloadable from web

Expert advice for Windows 10 right at your fingertips. Includes updates for the Windows 10 anniversary edition! Practical and precise, this hands-on guide with ready answers is designed for architects, administrators, engineers and others working with Windows 10. If you're an IT Pro responsible for configuring, managing and maintaining computers running Windows 10, start with this well-organized and authoritative resource. Inside you'll find expert insights, tips, tricks and workarounds that will save time and help you get the job done by giving you the right information right now. During the course of reading this book, you will master a number of complex topics, techniques, commands and functions.

Topics covered include: Deploying and customizing the operating system  
Installing and maintaining universal apps  
Configuring Group Policy preferences and settings  
Provisioning and using device management  
Managing access and security  
Installing hardware devices and drivers  
Troubleshooting and resolving system issues  
And much, much more!!! Not only will this informative training manual help you become familiar with essential concepts, it'll help you reach new levels of mastery. This is the ideal concise, immediate answers reference you'll want with you at all times. Table of Contents About This Book 1. Welcome to Windows 10 Navigating Windows 10 Editions Deploying Windows 10 Setting up Out of the Box 2. Working with Windows 10 Exploring Key Features Getting to Know Windows 10 Running Windows 10 3. Implementing Device Management Getting Started with Microsoft Intune Getting Started with the Windows 10 ADK

Working with Windows Imaging And Configuration Designer Creating and Deploying Provisioning Packages Provisioning Walkthrough: Upgrading to Mobile Enterprise Edition 4. Using Policy-based Management Configuring Domain-Joined Devices Implementing Policy-based Management Using Logon and Startup Policies Using Scripts in Policies Using Data Management Policies Using Networking Policies 5. Using Preferences for Management Working with Preferences Managing Preference Items 6. Fine-Tuning User Account Control Understanding UAC in Windows 10 Managing Elevation of Privileges Managing UAC for Apps 7. Creating and Configuring Accounts Local, Domain and Connected Accounts Creating User Accounts Configuring User Accounts 8. Maintaining Accounts Managing Local User Accounts and Groups Managing User Account Passwords Managing Stored Credentials 9. Supporting Windows 10 Essential Support Tools Managing System Time Configuring Internet Time Essential Maintenance Tools 10. Managing System Properties Optimizing Performance Options Managing Environment Variables Configuring Startup and Recovery Options Managing System Protection Settings 11. Optimizing Power Management Managing Battery Power Understanding Power Plans and Sleep Modes Configuring Power Options Managing Power Options from the Command Line Working with Power Plans Using Alarms and Configuring Alarm Actions 12. Configuring Hardware Managing Device Installation Working with Device Drivers Maintaining Devices and Drivers 13. Installing and Maintaining Universal Apps Working with Apps Maintaining Apps Optimizing App Security for the Enterprise 14. Maintaining Windows 10 Windows Update: The Essentials Working with Support Services Managing Services Using Preferences Detecting and Resolving Windows 10 Errors Scheduling Maintenance Tasks 15. Managing Data and Recovery Using File History Using Previous Versions Managing Failures Creating a Recovery Drive Using Restore Points for Recovery Troubleshooting Startup and Shutdown William Stanek has been developing expert solutions for and writing professionally about Microsoft Windows since 1995. In Windows 10: Essentials for Administration, William shares his extensive knowledge of the product.

REALbasic is a powerful, easy-to-learn programming language, allowing almost anyone to write sophisticated applications that can be distributed across the Windows, Mac, and Linux platforms. This practical tutorial reference is ideal for anyone wishing to master REALbasic, from beginners to experienced Visual Basic programmers who want to create cross platform programs. REALbasic's success is proven - there are already over 100,000 users, and this number is steadily rising. This is the only up-to-date book available for the current version, REALbasic 2005.

This book is a guide to Perl's most common Win32 extensions, grouped by their functionality. The new edition updates coverage from Perl 5.05 to current Perl version 5.6. It also includes new chapters offering critical, badly-needed information regarding security for Win32Perl, the topic most highly requested by

reviewers. The appendices have descriptions and syntax of each function in the extensions covered. Each chapter makes extensive use of code segments to illustrate the use of specific functions and real world scenarios in which these functions can be used.

Scripting gurus Jones and Hicks teach readers PowerShell from the ground up. They cover its underlying technologies, flexible scripting language, and enough of the .NET Framework to be effective in PowerShell scripting. (Computer Books)

Prepare for the future of Microsoft automation with this no-nonsense guide

Windows PowerShell 2 is the scripting language that enables automation within the Windows operating system. Packed with powerful new features, this latest version is complex, and Windows PowerShell 2 For Dummies is the perfect guide to help system administrators get up to speed. Written by a Microsoft MVP with direct access to the program managers and developers, this book covers every new feature of Windows PowerShell 2 in a friendly, easy-to-follow format.

Windows PowerShell 2 is the updated scripting language that enables system administrators to automate Windows operating systems System administrators with limited scripting experience will find this book helps them learn the fundamentals of Windows PowerShell 2 quickly and easily Translates the jargon and complex syntax of Windows PowerShell 2 Covers script debugging improvements, the ability to invoke commands remotely, and the new user interface Uses real-world applications to clarify the theory, fundamentals, and techniques of the scripting language Written by a Microsoft MVP with direct access to the developers of Windows PowerShell 2 Windows PowerShell 2 For Dummies makes this tool easily accessible to administrators of every experience level.

A technical expert offers critical information on using the scripting tool that is native to Windows NT/2000 and designed to automate Windows applications and administrative tasks.

"Beginning REALbasic" is an ideal beginners' title: it starts off with a detailed introduction to REALbasic and its interface and basic functions, and then offers step-by-step tutorials on the fundamentals of programming with REALbasic--creating interfaces, menus, and toolbars, and working with conditional logic, loops, databases, object-oriented programming, sound, graphics, and more.

This is the most comprehensive and realistic guide to Windows Server 2012 planning, design, prototyping, implementation, migration, administration, and support. Extensively updated, it contains unsurpassed independent and objective coverage of Windows Server 2012's key innovations, including improved virtualization components, enhanced security tools, new web and management resources, and Windows 8 integration. Windows Server 2012 Unleashed reflects the authors' extraordinary experience implementing Windows Server 2012 in large-scale environments since its earliest alpha releases, reaching back more than two years prior to its official launch. Microsoft MVP Rand Morimoto and his

colleagues fully address every aspect of deploying and operating Windows Server 2012, including Active Directory, networking and core application services, security, migration from Windows Server 2003/2008, administration, fault tolerance, optimization, troubleshooting, and much more. Valuable for Windows professionals at all skill levels, this book will be especially indispensable for intermediate-to-advanced level professionals seeking expert, in-depth solutions. Every chapter contains tips, tricks, best practices, and lessons learned from actual deployments: practical information for using Windows Server 2012 to solve real business problems. Plan and migrate from Windows Server 2003 and 2008 Leverage powerful capabilities that are truly new in Windows Server 2012 Install Windows Server 2012 and the GUI-less Windows Server Core Upgrade to Windows Server 2012 Active Directory Utilize advanced AD capabilities including federated forests and identity management Plan and deploy network services, from DNS and DHCP to IPv6, IPAM, and IIS Protect systems and data with server-level security, transport-level security, and security policies Deliver true end-to-end secured anytime/anywhere access to remote/mobile clients Efficiently configure and manage users, sites, OUs, domains, and forests through Server Manager console Create more fault-tolerant environments with DFS, clustering, and Network Load Balancing Leverage major Hyper-V virtualization improvements in availability, redundancy, and guest support Manage Active Directory more efficiently with Active Directory Administrative Center, Best Practice Analyzer, and PowerShell scripts Systematically tune, optimize, debug, and troubleshoot Windows Server 2012

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