

Read Book Windows Server 2016 Administration  
Fundamentals Deploy Set Up And Deliver  
Network Services With Windows Server While  
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# **Windows Server 2016 Administration Fundamentals Deploy Set Up And Deliver Network Services With Windows Server While Preparing For The Mta 98 365 Exam And Pass It With Ease**

*The IT pro's must-have guide to Windows Server 2016 Mastering Windows Server 2016 is a complete resource for IT professionals needing to get quickly up to date on the latest release. Designed to provide comprehensive information in the context of real-world usage, this book offers expert guidance through the new tools and features to help you get Windows Server 2016 up and running quickly. Straightforward discussion covers all aspects, including virtualization products, identity and access, automation, networking, security, storage and more, with clear explanations and immediately-applicable instruction. Find the answers you need, and explore new solutions as Microsoft increases their focus on security, software-defined infrastructure, and the cloud; new capabilities including containers and Nano Server, Shielded VMs, Failover Clustering,*

*PowerShell, and more give you plenty of tools to become more efficient, more effective, and more productive. Windows Server 2016 is the ideal server for Windows 10 clients, and is loaded with new features that IT professionals need to know. This book provides a comprehensive resource grounded in real-world application to help you get up to speed quickly. Master the latest features of Windows Server 2016 Apply new tools in real-world scenarios Explore new capabilities in security, networking, and the cloud Gain expert guidance on all aspect of Windows Server 2016 migration and management System administrators tasked with upgrading, migrating, or managing Windows Server 2016 need a one-stop resource to help them get the job done. Mastering Windows Server 2016 has the answers you need, the practicality you seek, and the latest information to get you up to speed quickly.*

*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*

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***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.***

***Get a head start evaluating Windows Server 2016—guided by the experts. Based on Technical Preview 4, John McCabe and the Windows Server team introduce the new features and capabilities, with practical insights on how Windows Server 2016 can meet the needs of your business. Get the early, high-level overview you need to begin preparing your deployment now!***

***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***

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**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. This text covers the fundamentals of local area networking, defining networks with the OSI Model and understanding wired and wireless networks. In addition it includes understanding Internet Protocol, implementing TCP/IP and working with networking services. Your students will better understand wide area networks along with defining network infrastructures and network security.**

**Cybersecurity ??? Attack and Defense Strategies**

**Windows Server 2016 Administration Cookbook**

**98-365: Windows Server Administration**

**Fundamentals, B&N Renting e-Bk**

**Windows Server 2016: The Administrator's Reference**

**Microsoft Windows Server Administration Essentials**

**Windows Server Administration Fundamentals**

Saute your way through more than 100 hands-on recipes designed to prepare any server administrator to work with Windows Server 2016 About This Book Get the first book on

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the market to unleash the power of Windows Server 2016, which improves the lives of thousands of enterprise users Be the first to leverage the advent of Containers and Nano Server on Windows Server 2016, which utilizes the resources efficiently and increases productivity. This practical, recipe-based approach helps you to delivering global-scale cloud services into your infrastructure using Windows Server 2016 Who This Book Is For This book is for system administrators and IT professionals with experience in Windows Server 2012 R2 environments who are looking to acquire the skills and knowledge necessary to manage and maintain the core infrastructure required for a Windows Server 2016 environment. What You Will Learn Build the infrastructure required for a successful Windows network Navigate the new Server 2016 interface efficiently Implement solid networking and security practices into your Windows Server environment Design your own PKI and start issuing certificates today Explore the brand-new Nano Server functionality Enable nested virtualization on Hyper-V and Server Connect your remote laptops back to the corporate network using Microsoft's own remote access technologies, including DirectAccess

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Provide a centralized point for users to access applications and data by configuring Remote Desktop Services  
Compose optimal Group Policies Facilitate task automation with PowerShell 5.0 scripting In Detail This hands-on Cookbook is stuffed full of practical recipes that will help you handle the essential administrative tasks in Windows Server 2016. You'll start by familiarizing yourself with the look and feel of Windows Server 2016, and will then learn how to navigate through some daily tasks using the graphical interface. You will see how to compose optimal Group Policies and facilitate task automation with PowerShell 5.0 scripting. We will also take a look at the functions available to provide remote network access to your traveling users, and explore the much anticipated Nano Server and Hyper-V built-in integration support that is brand new in Windows Server 2016. By the end of this book, you will know how to take your Windows Server 2016-powered server and turn it into any common infrastructure role that might be required in your company. Style and approach The book follows a recipe-based approach that starts with an introduction and the installation of Windows Server 2016, then dives into the powerful

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features, and then ends with the concept of security.

The Exam Ref is the official study guide for Microsoft certification exams.

Featuring concise coverage of the skills measured by the exam, challenging Thought Experiments, and pointers to more in-depth material for the candidate needing additional study, exam candidates get professional-level preparation for the exam. The Exam Ref helps candidates determine their readiness for the exam, and provides Exam Tips to help maximize their performance on the exam. The organization of the material mirrors the skills measured by the exam as presented on the certification exam webpage.

Manage and administer your environment with easeAbout 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 ForIf 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

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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



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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.

This book contains more than 65 recipes that will equip you with what you need to know to work with Windows 2016 Server.

This book will help you learn how to administrate your Windows Server for optimal performance. Key Features A focussed guide to help you with the core functionalities of Windows Server 2016 Explore tasks that will help you build a datacenter from scratch using Windows

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Server 2016 Step-by-step instructions for common Windows Server administration duties Book Description Windows Server 2016 is an operating system designed to run on servers. It supports enterprise-level data storage, communications, management, and applications. This book contains specially selected, detailed help on core, essential administrative tasks of Windows Server 2016. This book starts by helping you to navigate the interface of Windows Server 2016, and quickly shifts gears to implementing roles that are necessarily in any Microsoft-centric datacenter. This book will also help you leverage the web services platform built into Windows Server 2016, available to anyone who runs this latest and greatest Server operating system. Further, you will also learn to compose optimal Group Policies and monitor system performance and IP address management. This book will be a handy quick-reference guide for any Windows Server administrator, providing easy to read, step-by-step instructions for many common administrative tasks that will be part of any Server Administrator's job description as they administer their Windows Server 2016 powered servers. The material in the book has been selected from the content of Packt's Windows Server

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2016 Cookbook by Jordan Krause to provide a specific focus on key Windows Server administration tasks. What you will learn

Become skilled in the navigation of Windows Server 2016, and explore the technologies and options that it provides Build the infrastructure required for a successful Windows Server network Move away from those open-source web server platforms and start migrating your websites to Server 2016's Internet Information Services today Provide a centralized point for users to access applications and data by configuring Remote Desktop Services Compose optimal Group Policies Who this book is for This book is for system administrators or IT professionals who want the skills to manage and maintain the core infrastructure of a Windows Server 2016 environment. Prior experience in Windows Server 2012 R2 environments will be helpful.

Windows Server 2016 Inside Out (includes Current Book Service)

Microsoft Windows Operating System Essentials

Administer and Manage End-to-End

Enterprise Messaging, Business

Communication, and Team Collaboration

(English Edition)

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Core infrastructure, IIS, Remote Desktop Services, Monitoring, and Group Policy

Infrastructure security with Red Team and Blue Team tactics

Deploy and secure infrastructures with Active Directory, Windows Server 2016, and PowerShell

**Covers the concepts and fundamentals of Microsoft Windows server with information on such topics as active directory, group policy, installation, storage, and remote access.**

**Conquer Windows Server 2016—from the inside out! Dive into Windows Server 2016—and really put your Windows Server expertise to work. Focusing on Windows Server 2016’s most powerful and innovative features, this supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds—all you need to plan, implement, or manage Windows Server in enterprise, data center, cloud, and hybrid environments. Fully reflecting Windows Server new capabilities for the cloud-first era, Orin covers everything from Nano Server to Windows Server and Hyper-V Containers. You’ll discover how experts tackle today’s essential**

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**tasks—and challenge yourself to new levels of mastery. • Optimize the full Windows Server 2016 lifecycle, from planning and configuration through rollout and administration • Ensure fast, reliable upgrades and migrations • Seamlessly deliver core DNS, DHCP, file, print, storage, and Internet services • Use IPAM to centrally manage all enterprise DNS and DHCP infrastructure • Gain dramatic storage utilization improvements with built-in deduplication and storage replica • Build flexible cloud and hybrid environments with Windows Containers and Shielded VMs • Seamlessly integrate Azure IaaS services with Windows Server 2016 • Slash resource usage and improve availability with tiny Nano Server installations • Improve configuration management with Desired State Configuration and Chef • Deliver Active Directory identity, certificate, federation, and rights management services • Protect servers, clients, assets, and users with advanced Windows Server 2016 security features including Just Enough Administration For Experienced Windows Server Users and IT Professionals • Your role: Experienced**

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**intermediate-to-advanced level Windows  
Server user or IT professional •**

**Prerequisites: Basic understanding of  
Windows Server procedures, techniques,  
and navigation**

**Conquer SQL Server 2017**

**administration—from the inside out Dive  
into SQL Server 2017**

**administration—and really put your SQL  
Server DBA expertise to work. This  
supremely organized reference packs  
hundreds of timesaving solutions, tips,  
and workarounds—all you need to plan,  
implement, manage, and secure SQL  
Server 2017 in any production**

**environment: on-premises, cloud, or  
hybrid. Four SQL Server experts offer a  
complete tour of DBA capabilities  
available in SQL Server 2017 Database  
Engine, SQL Server Data Tools, SQL  
Server Management Studio, and via  
PowerShell. Discover how experts tackle  
today's essential tasks—and challenge  
yourself to new levels of mastery. •**

**Install, customize, and use SQL Server  
2017's key administration and  
development tools • Manage memory,  
storage, clustering, virtualization, and  
other components • Architect and**

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**implement database infrastructure, including IaaS, Azure SQL, and hybrid cloud configurations • Provision SQL Server and Azure SQL databases • Secure SQL Server via encryption, row-level security, and data masking • Safeguard Azure SQL databases using platform threat protection, firewalling, and auditing • Establish SQL Server IaaS network security groups and user-defined routes • Administer SQL Server user security and permissions • Efficiently design tables using keys, data types, columns, partitioning, and views • Utilize BLOBs and external, temporal, and memory-optimized tables • Master powerful optimization techniques involving concurrency, indexing, parallelism, and execution plans • Plan, deploy, and perform disaster recovery in traditional, cloud, and hybrid environments For Experienced SQL Server Administrators and Other Database Professionals • Your role: Intermediate-to-advanced level SQL Server database administrator, architect, developer, or performance tuning expert • Prerequisites: Basic understanding of database**

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**administration procedures**

**Learn the fundamentals of Windows**

**Server 2016 system administration**

**About This Video Windows Server 2016**

**and Active Directory systems**

**administration fundamentals are**

**essential skill sets in most IT jobs today**

**This course is designed specifically for**

**aspiring IT professionals with a proven**

**hands-on teaching approach Taught by**

**an experienced, best-selling instructor**

**with over 40,000 students worldwide In**

**Detail Are you looking to learn the basics**

**of Windows Server 2016 system**

**administration? If so, this is the perfect**

**course for you! In this 8-hour course, I'll**

**show you step-by-step, the**

**fundamentals of Windows Server 2016,**

**giving you a solid foundation of**

**Microsoft's most popular server**

**operating system using VirtualBox, a**

**free virtualization software platform, to**

**create your own virtualized lab at home.**

**Throughout this course, you'll learn by**

**doing, getting valuable hands-on**

**experience, as we progress through the**

**course. Specifically, you'll learn how to:**

**Set-up a virtual LAN with VirtualBox**

**Install Windows 10 and Windows Server**



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**2016 as virtual machines How to  
navigate Windows Server 2016 Create  
and manage user and computer accounts  
in Active Directory Configure Windows  
Server 2016 as a DHCP server Windows  
Server DNS and name resolution  
fundamentals Configure Windows Server  
2016 as an IIS web server Configure  
Windows Server 2016 as a print server  
Understand and create active directory  
groups and organizational units  
Understand and create group policies  
with Group Policy Objects (GPOs) Learn  
the fundamentals of NTFS and share  
permissions Set-up user quotas with File  
Server Resource Manager (FSRM) Enable  
Remote Desktop Protocol (RDP) for  
remote administration Utilize Windows  
Server Update Services (WSUS) to  
approve and deploy Windows updates to  
client systems Utilize Windows Server  
Backups to backup and restore data  
Learn to write basic PowerShell Active  
Directory commands If you're looking to  
advance or begin your career in  
Information Technology (IT), this course  
is a must! Once you complete this  
course, you'll have set-up your own  
Windows server as an Active Directory**

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**domain controller, DNS server, DHCP  
server, IIS web server, print server, file  
server, WSUS server, and much more,  
giving you a very solid understanding of  
system administration.**

**Exam Ref 70-741 Networking with  
Windows Server 2016**

**SQL Server 2017 Administration Inside  
Out**

**Installing and Configuring Windows  
Server 2016 Hands-on Lab Manual Guide**

**Wind Serv 2012 Unleash \_c1**

**Windows Server 2016 Administration  
Fundamentals**

**Hands-On Linux Administration on Azure**

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

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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-

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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

Microsoft Exam 70-741 is for IT Pros interested in enhancing their skills for the latest version of Windows Server. This exam validates skills and knowledge for configuring advanced tasks required to deploy, manage, and maintain a Windows Server 2016 infrastructure, such as fault tolerance, certificate services, and identity federation. Passing this exam along with two other exams is required for MCSA and MCSE certifications. The Exam Ref is the official study guide for Microsoft certification exam 70-741. Featuring concise, objective-by-objective reviews and strategic case scenarios and Thought Experiments, exam candidates get professional-level preparation for the exam. The Exam Ref helps candidates maximize their performance on the exam and sharpen their job-role skills. It organizes material by the exam's objective domains Focus is on the skills measured on the exam:

- Implement Domain Name System (DNS)
- Implement DHCP
- Implement IP Address Management (IPAM)
- Implement network connectivity and remote access

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solutions • Implement core and distributed network solutions • Implement an advanced network infrastructure This Microsoft Exam Ref: • Organizes its coverage by the “Skills measured” posted on the exam webpage • Features strategic, what-if scenarios to challenge you • Points to in-depth material by topic for exam candidates needing additional review • Assumes you are an IT pro looking to validate your skills in and knowledge of installing and configuring Windows Server 2016 Enhance your organization’s secure posture by improving your attack and defense strategies Key Features Gain a clear understanding of the attack methods, and patterns to recognize abnormal behavior within your organization with Blue Team tactics. Learn to unique techniques to gather exploitation intelligence, identify risk and demonstrate impact with Red Team and Blue Team strategies. A practical guide that will give you hands-on experience to mitigate risks and prevent attackers from infiltrating your system. Book Description The book will start talking about the security posture before moving to Red Team tactics, where you will learn the basic syntax for the Windows and Linux tools that are commonly used to perform the necessary operations. You will also gain hands-on experience of using new Red Team techniques with powerful tools such as python and PowerShell, which will enable you to discover vulnerabilities in

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your system and how to exploit them. Moving on, you will learn how a system is usually compromised by adversaries, and how they hack user's identity, and the various tools used by the Red Team to find vulnerabilities in a system. In the next section, you will learn about the defense strategies followed by the Blue Team to enhance the overall security of a system. You will also learn about an in-depth strategy to ensure that there are security controls in each network layer, and how you can carry out the recovery process of a compromised system. Finally, you will learn how to create a vulnerability management strategy and the different techniques for manual log analysis. By the end of this book, you will be well-versed with Red Team and Blue Team techniques and will have learned the techniques used nowadays to attack and defend systems. What you will learn Learn the importance of having a solid foundation for your security posture Understand the attack strategy using cyber security kill chain Learn how to enhance your defense strategy by improving your security policies, hardening your network, implementing active sensors, and leveraging threat intelligence Learn how to perform an incident investigation Get an in-depth understanding of the recovery process Understand continuous security monitoring and how to implement a vulnerability management strategy Learn how to perform log analysis to identify suspicious activities Who this

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book is for This book aims at IT professional who want to venture the IT security domain. IT pentester, Security consultants, and ethical hackers will also find this course useful. Prior knowledge of penetration testing would be beneficial.

Microsoft Azure Essentials from Microsoft Press is a series of free ebooks designed to help you advance your technical skills with Microsoft Azure. The first ebook in the series, Microsoft Azure Essentials: Fundamentals of Azure, introduces developers and IT professionals to the wide range of capabilities in Azure. The authors - both Microsoft MVPs in Azure - present both conceptual and how-to content for key areas, including: Azure Websites and Azure Cloud Services Azure Virtual Machines Azure Storage Azure Virtual Networks Databases Azure Active Directory Management tools Business scenarios Watch Microsoft Press's blog and Twitter (@MicrosoftPress) to learn about other free ebooks in the "Microsoft Azure Essentials" series.

Exam 98-366

Windows Server 2016 Cookbook

Introducing Windows Server 2016 Technical Preview

Microsoft Exchange Server 2019 Administration  
Guide

Exam 98-349 MTA Windows Operating System  
Fundamentals

Administering Windows Server 2012 R2

**Enhance and secure your datacenter with the newest**

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Microsoft server platform Key Features Develop  
necessary skills to design and implement Microsoft  
Server 2019 in enterprise environment Provide support to  
your medium to large enterprise and leverage your  
experience in administering Microsoft Server  
2019 Effectively administering Windows server 2019 with  
the help of practical examples Book Description  
Mastering Windows Server 2019 – Second Edition  
covers all of the essential information needed to  
implement and utilize this latest-and-greatest platform  
as the core of your data center computing needs. You  
will begin by installing and managing Windows Server  
2019, and by clearing up common points of confusion  
surrounding the versions and licensing of this new  
product. Centralized management, monitoring, and  
configuration of servers is key to an efficient IT  
department, and you will discover multiple methods for  
quickly managing all of your servers from a single pane  
of glass. To this end, you will spend time inside Server  
Manager, PowerShell, and even the new Windows Admin  
Center, formerly known as Project Honolulu. Even  
though this book is focused on Windows Server 2019  
LTSC, we will still discuss containers and Nano Server,  
which are more commonly related to the SAC channel of  
the server platform, for a well-rounded exposition of all  
aspects of using Windows Server in your environment.  
We also discuss the various remote access technologies  
available in this operating system, as well as guidelines  
for virtualizing your data center with Hyper-V. By the end  
of this book, you will have all the ammunition required to  
start planning for, implementing, and managing  
Windows. What you will learn Work with the updated  
Windows Server 2019 interface, including Server Core  
and Windows Admin Center Secure your network and



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**data with new technologies in Windows Server 2019** Learn about containers and understand the appropriate situations to use Nano Server Discover new ways to integrate your data center with Microsoft Azure Harden your Windows Servers to help keep the bad guys out Virtualize your data center with Hyper-V Who this book is for If you are a System Administrator or an IT professional interested in designing and deploying Windows Server 2019 then this book is for you. Previous experience of Windows Server operating systems and familiarity with networking concepts is required.

The Microsoft Technology Associate certification (MTA) curriculum helps instructors teach and validate fundamental technology concepts with a foundation for students' 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. This MTA text covers the following Windows Operating System vital fundamental skills: • Understanding Operating System Configurations • Installing and Upgrading Client Systems • Managing Applications, Managing Files and Folders • Managing Devices • Understanding Operating System Maintenance. Click here to learn more about Microsoft Technology Associate, (MTA) a new and innovative certification track designed to provide a pathway for future success in technology courses and careers.

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**

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to manage your identity 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.

Improve and reimagine your organization's security stance, desktop standards, and server administration with centralized management via Group Policy. **Key Features** Explore advanced filtering techniques for Group Policy Objects Interact with Group Policy through GPMC and PowerShell Practical guide covering the daily and advanced administration of group policy **Book Description** This book begins with a discussion of the core material any administrator needs to know in order to start working with Group Policy. Moving on, we will also walk through the process of building a lab environment to start testing Group Policy today. Next we will explore the Group Policy Management Console (GPMC) and start using the powerful features available for us within that interface. Once you are well versed with using GPMC, you will learn to perform and manage the traditional core tasks inside Group Policy. Included in the book are many examples and walk-throughs of the different filtering options available for the application of Group Policy settings, as this is the real power that Group Policy holds within your network. You will also



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other fundamental concepts to create and manage your Linux workload in Azure Key FeaturesDeploy and manage virtual machines in the Azure environmentExplore open source tools to integrate automation and orchestrationImplement Linux features to create and manage containersBook Description Thanks to its flexibility in delivering scalable cloud solutions, Microsoft Azure is a suitable platform for managing all your workloads. You can use it to implement Linux virtual machines and containers, and to create applications in open source languages with open APIs. This Linux administration book first takes you through the fundamentals of Linux and Azure to prepare you for the more advanced Linux features in later chapters. With the help of real-world examples, you'll learn how to deploy virtual machines (VMs) in Azure, expand their capabilities, and manage them efficiently. You will manage containers and use them to run applications reliably, and in the concluding chapter, you'll explore troubleshooting techniques using a variety of open source tools. By the end of this book, you'll be proficient in administering Linux on Azure and leveraging the tools required for deployment. What you will learnGrasp the fundamentals of virtualization and cloud computingUnderstand file hierarchy and mount new filesystemsMaintain the life cycle of your application in Azure Kubernetes ServiceManage resources with

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the Azure CLI and PowerShellManage users, groups, and filesystem permissionsUse Azure Resource Manager to redeploy virtual machinesImplement configuration management to configure a VM correctlyBuild a container using DockerWho this book is for If you are a Linux administrator or a Microsoft professional looking to deploy and manage your workload in Azure, this book is for you. Although not necessary, knowledge of Linux and Azure will assist with understanding core concepts.

This super-sized desktop reference combines two personal training guides in one convenient volume. Completely updated for Windows Server 2016 RTM and covering all editions of the operating system. Over 250,000 words. Includes: Windows Server 2016: Essentials for Administration Windows Server 2016: Server Infrastructure 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. Like the individual books themselves and all IT Pro Solutions books, this reference set will be updated periodically to keep pace with the changes in Windows Server 2016. Pricing of this set is based on the MSRP of \$29.99 for each ebook. From time to time you may find introductory or sale pricing of the

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individual books. Topics covered include: Planning for Windows Server 2016 and developing a deployment plan Using containers, virtualization and nano server Configuring server roles, services and features Managing and troubleshooting Active Directory Creating and managing user, group and computer accounts Monitoring and tuning performance Optimizing security settings, policies and templates Managing file services and data storage Configuring file sharing Managing share permissions and auditing resource usage Using group policy for administration Configuring and maintaining print services Deploying essential infrastructure services including DHCP and DNS Maintaining and troubleshooting Windows Server 2016 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 ready-answers reference you'll want with you at all times. Table of Contents Chapter 1. Welcome to Windows Server 2016 Chapter 2. Working with Windows Servers Chapter 3. Configuring Server Settings Chapter 4. Understanding Active Directory Chapter 5. Managing Active Directory Chapter 6. Maintaining Active Directory Chapter 7. Accounts: The Essentials Chapter 8. Managing Account Policies Chapter 9. Creating Accounts Chapter 10. Working with Managed Accounts Chapter 11. Managing

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Computers, Users and Groups Chapter 12.  
Maintaining Your Servers Chapter 13. Optimizing  
Server Performance Chapter 14. Using Group Policy  
Chapter 15. Maintaining and Troubleshooting Group  
Policy Chapter 16. Optimizing Server Security  
Chapter 17. Deploying Windows Server 2016  
Chapter 18. Implementing TCP/IP Networking  
Chapter 19. Data Storage: The Essentials Chapter  
20. Partitioning and Optimizing Drives Chapter 21.  
Using TPM and BitLocker Drive Encryption Chapter  
22. Using Storage Spaces Chapter 23. Using RAID  
Chapter 24. Maintaining Partitions and Drives  
Chapter 25. Implementing File Sharing Chapter 26.  
Using Shadow Copies and Work Folders Chapter  
27. Managing Permissions and Auditing Chapter 28.  
Configuring Disk Quotas Chapter 29. Using Group  
Policy for Administration Chapter 30. Implementing  
Print Services Chapter 31. Configuring and  
Maintaining Print Services Chapter 32. Implementing  
DHCP Chapter 33. Managing and Maintaining DHCP  
Chapter 34. Implementing DNS Chapter 35.

Managing and Maintaining DNS Thank you readers  
for your years of support! Check the companion  
website for updates and details on extras. Your  
support of this reference set will ensure that I can  
continue to refresh and expand it.

**HANDS-ON MICROSOFT WINDOWS SERVER  
2016** is the perfect resource for learning Windows  
Server 2016 from the ground up. Designed to build a



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foundation in basic server administration, this book requires no previous server experience. It covers all of the critical Windows Server 2016 features,

including the advantages unique to this new server operating system. Readers learn how to choose the right server edition for their needs. They also learn to install, configure, customize, manage, and troubleshoot today's servers most effectively. If the reader is new to server administration, this book provides the background and knowledge needed to manage servers on small to large networks. If the reader is an experienced server administrator, this book provides a fast way to get up to speed on new Windows Server 2016 administration. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Get a head start evaluating Windows 10--with technical insights from award-winning journalist and Windows expert Ed Bott. This guide introduces new features and capabilities, providing a practical, high-level overview for IT professionals ready to begin deployment planning now. This edition was written after the release of Windows 10 version 1511 in November 2015 and includes all of its enterprise-focused features. The goal of this book is to help you sort out what's new in Windows 10, with a special emphasis on features that are different from the Windows versions you and your organization are

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using today, starting with an overview of the operating system, describing the many changes to the user experience, and diving deep into deployment and management tools where it's necessary.

Windows Server 2019 Administration Fundamentals Step by Step Lab Exercises, Practice Guide

Exam Ref 70-744 Securing Windows Server 2016

Hands-On Microsoft Windows Server 2016

Microsoft Official Academic Course

Mastering Windows Group Policy

*A bestselling Exchange Server guide, updated for the 2016 release Mastering Microsoft Exchange Server 2016 is the gold-standard reference for system administrators and first-time users alike. Fully updated to align with the latest release, this expert-led guide provides comprehensive coverage and easy-to-follow tutorials for all aspects of Exchange Server installation, configuration, and management. Whether you're migrating from an earlier version or installing Exchange Server for the first time, this book gives you quick access to the answers you need. Step-by-step instructions walk you through planning and design, installation, administration and management, maintenance, and more, so you can get up to speed quickly and get back to work. With a focus on the hands-on details, the Microsoft Certified Masters author team provides practical insight and invaluable guidance on every aspect of Exchange Server 2016, from mastering the basics to leveraging new features. Microsoft Exchange allows access to e-mail, voicemail, and calendars at any time, from almost*

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*any device. The 2016 release is designed specifically to appeal to enterprises; if you've been tasked with the implementation, this guide has the information you need. Get up to speed with the latest changes and features Understand server configurations, requirements, installation, and migration Manage mailboxes, groups, connectivity, and the client access server Troubleshoot common issues efficiently and effectively Exchange Server 2016 shifts even more control to the user, freeing administrators to perform more critical tasks. Beefed-up architecture and more centralized functions have eased configuration and upgrades, and a robust cloud implementation is expected to draw enterprises sooner rather than later. Systems administrators need to become familiar with the latest changes, and Mastering Microsoft Exchange Server 2016 is the ultimate reference and tutorial. "Updated to include Windows 10, 8.1, and 7 and Windows Server 2016 and 2012"--Cover.*

*A comprehensive and practical guide to Windows Server 2016 About This Book In-depth coverage of new features of Windows Server 2016 Gain the necessary skills and knowledge to design and implement Microsoft Server 2016 in enterprise environment Know how you can support your medium to large enterprise and leverage your experience in administering Microsoft Server 2016, A practical guide to administering Windows server 2016 Who This Book Is For The book is targeted at System Administrators and IT professionals who would like to design and deploy Windows Server 2016 (physical and logical) Enterprise infrastructure. Previous experience of Windows Server operating systems and familiarity with networking concepts is assumed. System*

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Network Services With Windows Server While administrators who are upgrading or migrating to Windows Server 2016 would also find this book useful.

*What You Will Learn Familiarize yourself with Windows Server 2016 ideology, the core of most datacenters running today New functions and benefits provided only by the new Windows Server 2016 Get comfortable working with Nanoserver Secure your network with new technologies in Server 2016 Harden your Windows Servers to help keep those bad guys out! Using new built-in integration for Docker with this latest release of Windows Server 2016 Virtualize your datacenter with Hyper-V 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. With Windows Server 2016, Microsoft has gotten us thinking outside of the box for what it means to be a system administration, and comes with some interesting new capabilities. These are exciting times to be or to become a server administrator! This book covers all aspects of administration level tasks and activities required to gain expertise in Microsoft Windows Server 2016. You will begin by getting familiar and comfortable navigating around in the interface. Next, you will learn to install and manage Windows Server 2016 and discover some tips for adapting to the new server management ideology that is all about centralized monitoring and configuration. You will deep dive into core Microsoft infrastructure technologies that the majority of companies are going to run on Server 2016. Core technologies such as Active Directory, DNS, DHCP, Certificate Services, File Services, and more. We will talk about networking in this new operating system,*

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giving you a networking toolset that is useful for everyday troubleshooting and maintenance. Also discussed is the idea of Software Defined Networking. You will later walk through different aspects of certificate administration in Windows Server 2016. Three important and crucial areas to cover in the Remote Access role -- DirectAccess, VPN, and the Web Application Proxy -- are also covered. You will then move into security functions and benefits that are available in Windows Server 2016. Also covered is the brand new and all-important Nano Server! We will incorporate PowerShell as a central platform for performing many of the functions that are discussed in this book, including a chapter dedicated to the new PowerShell 5.0. Additionally, you will learn about the new built-in integration for Docker with this latest release of Windows Server 2016. The book ends with a discussion and information on virtualizing your datacenter with Hyper-V. By the end of this book, you will have all the ammunition required to start planning for and implementing Windows Server 2016. Style and approach This book offers a practical and wide coverage of all features of brand new Microsoft Server 2016 along with tips on daily administration tasks. 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

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*Network Services With Windows Server While Preparing For The 16-08-34 Exam As A Basic 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.*

*MTA Networking Fundamentals*

*Mastering Microsoft Exchange Server 2016*

*Mastering Windows Server 2016*

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Fundamentals Deploy Set Up And Deliver  
Network Services With Windows Server While  
Mastering Active Directory  
Mastering Windows Server 2012 R2  
Mastering Windows Server 2019

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

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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. 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



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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. Server fundamentals such as managing Windows Servers (including virtualization) and storage, along with monitoring and troubleshooting servers are included. It also covers such topics as essential naming, directory, and print services. Students also learn of popular Windows Network Services and Applications.

## Windows Server 2016 Administration

Fundamentals Deploy, set up, and deliver network services with Windows Server while preparing for the MTA 98-365 exam and pass it with easePackt Publishing Ltd

Did you know, 91% of hiring managers consider certification as part of their hiring requirements? IT Professionals who are new to the industry need a strong foundational understanding of the fundamentals before moving on towards more challenging technology certifications. This book covers everything you need to know about understanding how to manage windows servers and storage along with monitoring and troubleshooting servers as well. Written to the Windows Server Administration Fundamentals MTA Certification, it is a recommended entry point into IT certification. This book covers the basics of Windows Server Administration. Each chapter closes with a quiz to make sure you can practice exam questions and test

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your knowledge before moving to the next section. We start by discussing what a server is and does by providing an in-depth overview including installation of Windows Server 2016. There are sections dedicated to the following: Performing configurations and managing your Windows Server, by configuring your IP address settings and managing devices and device drivers. Managing your storage, by identifying storage technologies, understanding disk structure, and using disk management tools. Monitoring and troubleshooting servers, by managing information technology, and understanding performance, backups and performing server repair. Overview of popular Windows network services and applications, like understanding remote access, server virtualization, and introducing remote administration. IT Professionals looking to understand more about Windows Server Administration will gain the knowledge to effectively install and manage a Windows Server including basic troubleshooting. Thanks to some troubleshooting tools and tips it will be easier to apply the skills in real world situations and feel confident when taking the certification.

98-367: MTA Security Fundamentals

Develop, maintain, and automate applications on the Azure cloud platform, 2nd Edition

Fundamentals, Security, and the Managed Desktop

A beginner's guide to managing and administering Windows Server environments, 2nd Edition

Windows Server 2016 Automation with PowerShell Cookbook

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Introduction to Windows Server 2016 for Beginners  
Become an expert at managing enterprise  
identity infrastructure by leveraging

Active Directory Key Features Explore the  
new features in Active Directory Domain  
Service Manage your Active Directory  
services for Windows Server 2016  
effectively Automate administrative tasks  
in Active Directory using PowerShell Core  
6.x Book Description Active Directory (AD)  
is a centralized and standardized system  
that automates networked management of  
user data, security, and distributed  
resources and enables inter-operation with  
other directories. This book will first  
help you brush up on the AD architecture  
and fundamentals, before guiding you  
through core components, such as sites,  
trust relationships, objects, and  
attributes. You will then explore AD  
schemas, LDAP, RMS, and security best  
practices to understand objects and  
components and how they can be used  
effectively. Next, the book will provide  
extensive coverage of AD Domain Services  
and Federation Services for Windows Server  
2016, and help you explore their new  
features. Furthermore, you will learn to  
manage your identity infrastructure for a  
hybrid cloud setup. All this will help you  
design, plan, deploy, manage operations,

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and troubleshoot your enterprise identity  
infrastructure in a secure and effective  
manner. You'll later discover Azure AD

Module, and learn to automate  
administrative tasks using PowerShell  
cmdlets. All along, this updated second  
edition will cover content based on the  
latest version of Active Directory,  
PowerShell 5.1 and LDAP. By the end of  
this book, you'll be well versed with best  
practices and troubleshooting techniques  
for improving security and performance in  
identity infrastructures. What you will  
learn Design your Hybrid AD environment by  
evaluating business and technology  
requirements Protect sensitive data in a  
hybrid environment using Azure Information  
Protection Explore 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 Control  
users, groups, and devices effectively  
Design your OU structure in the most  
effective way Integrate Azure AD with  
Active Directory Domain Services for a  
hybrid setup Who this book is for If you  
are an Active Directory administrator,  
system administrator, or network  
professional who has basic knowledge of

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Active Directory and is looking to become an expert in this topic, this book is for you.

Easy to follow, step-by-step lessons enable students to quickly and efficiently learn the features of Microsoft PowerPoint 2003 and how to use them at school, at home, and in the workplace. This Microsoft Official Academic Course offers friendly, straightforward instruction with a focus on real-world business scenarios. Included with the book is a 180-day trial version of Microsoft Office Professional 2003 and dynamic interactive tutorials from the Microsoft eLearning Library. Skills covered in the book correspond to the objectives tested on the Microsoft Office Specialist examination. A complete instructor support program is available with the text.

Deploy, set up, and deliver network services with Windows Server 2019, and prepare for the MTA 98-365 exam Key FeaturesGet started with server installation, performance monitoring, and server maintenanceDevelop the skills necessary to manage an enterprise environmentImplement networking and security best practices in your Windows Server environmentBook Description Windows Server 2019 is the server operating system

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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 learnGrasp the fundamentals of Windows Server 2019Understand how to deploy

Windows Server 2019Discover Windows Server

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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.

Check out the new Hyper-V, find new and easier ways to remotely connect back into the office, or learn all about Storage Spaces—these are just a few of the features in Windows Server 2012 R2 that are explained in this updated edition from Windows authority Mark Minasi and a team of Windows Server experts led by Kevin Greene. This book gets you up to speed on all of the new features and functions of Windows Server, and includes real-world scenarios to put them in perspective. If you're a system administrator upgrading to, migrating to, or managing Windows Server 2012 R2, find what you need to do the job in this complete resource. Learn

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all about: Installing or upgrading to and managing Windows Server 2012 R2

Understanding Microsoft NIC teams 2012 and PowerShell Setting up via GUI or updated Server Core 2012 Migrating, merging, and modifying your Active Directory Managing address spaces with IPAM Understanding new shared storage, storage spaces, and better tools Controlling access to file shares—a new and improved approach Using and administering Remote Desktop, Virtual Desktop, and Hyper-V®

Deploy, set up, and deliver network services with Windows Server while preparing for the MTA 98-365 exam and pass it with ease

Windows Server 2012 Unleashed

*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*



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Network Services With Windows Server While Preparing For The Mta 98-365 Exam And Paper It 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.

**Manage Exchange 2019** single-handed and empower your organization with secure communications **KEY FEATURES** ● Uncover the latest features in Exchange Server 2019 and learn to make use of it. ● Expert techniques to manage databases, file management, and improve search. ● Cutting-edge coverage on MAPI and Exchange Management Shell (EMS). **DESCRIPTION** Prepare your environment so you can introduce Exchange Server 2019 or build a new environment from scratch and learn along the way. This guide will help the readers how to deploy Exchange 2019 and perform all the post administrative tasks like creating a certificate request that you can submit to an external source and completing this setup. You will learn how to configure your virtual directories to match the name on your certificate. You will also learn how to build your first Database Availability Group (DAG) or extend the Database Availability Groups in your environment to ensure you have high availability. You will learn how to perform mailbox moves from your existing Exchange environment or simply create new mailboxes for your users. You can do all your tasks using the Exchange Management Shell (EMS) and learn about the new features of Exchange 2019 and the next version of Exchange. In this administration guide, you

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will learn about Exchange 2019, what is new, and what has been removed. You will learn how to deploy Exchange 2019, configure it and understand what is required to run in coexistence with Exchange 2013 or Exchange 2016. Lastly, you will learn how to work with the Exchange Management Shell compared to the Exchange Admin Center. **WHAT YOU WILL LEARN** ● Learn how to install Exchange 2019 in a new environment and in a coexistence environment. ● Learn how to work with Database Availability Groups (DAG) and implement them. ● Learn how to perform migrations from Exchange 2013 or Exchange 2016 to Exchange 2019. **WHO THIS BOOK IS FOR** This book is a go-to-guide for System Administrators, Windows Administrators, Network Administrators, System Engineers who plays key role in managing the infrastructure and support of the business communication throughout the company. Sound knowledge of email client and basic use of windows exchange server is expected to make the best use of this book. **TABLE OF CONTENTS** 1. Introduction to Exchange 2019 2. Installation of Exchange 2019 3. Post Configuration 4. Post Configuration Continued 5. Client Connectivity 6. Databases and Database Availability Groups 7. Public Folders 8. Migrations 9. Coexistence with Exchange 2013/2016 10. Exchange Management Shell and Extras Fully updated for Windows Server 2012 R2! Designed to help enterprise administrators develop real-world, job-role-specific skills - this Training Guide focuses on core infrastructure administration for Windows Server 2012 R2. Build hands-on expertise through a series of lessons, exercises, and suggested practices - and help maximize your performance on the job. This Microsoft Training Guide Focuses on job-role-specific expertise for core infrastructure administration tasks Fully updated for Windows Server 2012 R2, including new practices Provides in-depth, hands-on

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*training you take at your own pace Creates a foundation of  
skills which, along with on-the-job experience, can be*

*measured by Microsoft Certification exams such as 70-411*

*Topics include: Deploying and updating Windows Server*

*2012 R2 Managing account policies and service accounts*

*Configuring name resolution Administering Active Directory*

*Managing Group Policy application and infrastructure*

*Configuring Group Policy settings and preferences*

*Administering network policies Administering remote access*

*Managing file services Monitoring and auditing Windows  
Server 2012 R2*