

Active Directory Tutorial

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Master Active Directory Visually - Curt Simmons 2000
This task and solution-oriented book--featuring a 3-D visual format of succinct text and annotated, step-by-step lessons--covers beginning to advanced features of the directory services of Windows 2000 Server, Advanced Server, and DataCenter Server. Included is a CD-Rom with a fully searchable Acrobat version of the book, including live Web links.

Implementing Hybrid Cloud with Azure Arc - Amit Malik
2021-07-16

Accelerate hybrid cloud innovation using Azure Arc with the help of real-world scenarios and examples Key FeaturesGet to grips with setting up and working with Azure ArcHarness the power of Azure Arc and its integration with cutting-edge technologies such as Kubernetes and PaaS data servicesManage, govern, and monitor your on-premises

servers and applications with AzureBook Description With all the options available for deploying infrastructure on multi-cloud platforms and on-premises comes the complexity of managing it, which is adeptly handled by Azure Arc. This book will show you how you can manage environments across platforms without having to migrate workloads from on-premises or multi-cloud to Azure every time. Implementing Hybrid Cloud with Azure Arc starts with an introduction to Azure Arc and hybrid cloud computing, covering use cases and various supported topologies. You'll learn to set up Windows and Linux servers as Arc-enabled machines and get to grips with deploying applications on Kubernetes clusters with Azure Arc and GitOps. The book then demonstrates how to onboard an on-premises SQL Server infrastructure as an Arc-enabled SQL Server and deploy and manage a hyperscale PostgreSQL infrastructure on-premises through Azure Arc. Along with deployment, the

book also covers security, backup, migration, and data distribution aspects. Finally, it shows you how to deploy and manage Azure's data services on your own private cloud and explore multi-cloud solutions with Azure Arc. By the end of this book, you'll have a firm understanding of Azure Arc and how it interacts with various cutting-edge technologies such as Kubernetes and PaaS data services. What you will learnSet up a fully functioning Azure Arc-managed environmentExplore products and services from Azure that will help you to leverage Azure ArcUnderstand the new vision of working with on-premises infrastructureDeploy Azure's PaaS data services on-premises or on other cloud platformsDiscover and learn about the technologies required to design a hybrid and multi-cloud strategyImplement best practices to govern your IT infrastructure in a scalable modelWho this book is for This book is for Cloud IT professionals (Azure and/or

AWS), system administrators, database administrators (DBAs), and architects looking to gain clarity about how Azure Arc works and how it can help them achieve business value. Anyone with basic Azure knowledge will benefit from this book.

Administering Windows Server Hybrid Core Infrastructure AZ-800 Exam Guide - Steve Miles

2022-12-16

Breeze through the AZ-800 certification with this up-to-date practical guide and gain valuable skills that will help you in your day-to-day administration Key

FeaturesDevelop a solid base of all the essentials necessary to pass AZ-800 certification exam on your first attemptGo beyond exam prep by working on practical examples that will prepare you for the work aheadSimplify and automate your workflows with Windows Admin Center, PowerShell, Azure Arc, and IaaS VMBook Description Written by an Azure MVP and Microsoft Certified Trainer with 20 years

of experience in data center infrastructure, this AZ-800 study guide is an essential preparation tool for administrators who want to take the exam and acquire key skills that will help them thrive in their careers. This book will guide you through all the ways Windows Server can be used to manage hybrid solutions on-premises and in the cloud, starting with deploying and managing Active Directory Domain Services (AD DS) in on-premises and cloud environments. You'll then dive into managing virtual machines and containers and progress to implementing and managing an on-premises and hybrid networking infrastructure. The later parts of the book focus on managing storage and file services, concluding with a detailed overview of all the knowledge needed to pass the AZ-800 exam with practical examples throughout the chapters. In the final chapter, you'll be able to test your understanding of the topics covered with the help of practice exams to make sure

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that you're completely prepared for the contents and structure of the exam. By the end of the book, you'll have gained the knowledge, both practical and conceptual, that's required to administer Windows Server hybrid core infrastructure confidently. What you will learn Deploy and manage AD DS on-premises and in cloud environments Implement and manage hybrid core infrastructure solutions for compute, storage, networking, identity, and management Discover expert tips and tricks to achieve your certification in the first go Master the hybrid implementation of Windows Server running as virtual machines and containers Manage storage and file services with ease Work through hands-on exercises to prepare for the real world Who this book is for This book is for Windows Server administrators who want to pass the AZ-800 and implement hybrid infrastructure on premises and in the cloud. Azure

administrators, enterprise architects, Microsoft 365 administrators, and network engineers will also get plenty of useful insights from this book. You'll need a solid understanding of the Windows Server to get started with this book, especially if you're preparing for the exam. *Microsoft Azure Administrator - Exam Guide AZ-103* - Sjoukje Zaal 2019-05-31 Manage Microsoft Azure cloud services that span storage, security, networking, and compute cloud capabilities and ace the AZ-103 Exam Key Features Master features and concepts pertaining to Azure's Administration services Gain a deep understanding of various Azure services related to infrastructure, applications, and environments Gauge yourself by giving mock tests with up-to-date exam questions Book Description *Microsoft Azure Administrator - Exam Guide AZ-103* will cover all the exam objectives that will help you earn Microsoft Azure Administrator certification. Whether you want

to clear AZ-103 exam or want hands-on experience in administering Azure, this study guide will help you achieve your objective. It covers the latest features and capabilities around configuring, managing, and securing Azure resources. Following Microsoft's AZ-103 exam syllabus, this guide is divided into five modules. The first module talks about how to manage Azure subscriptions and resources. You will be able to configure Azure subscription policies at Azure subscription level and learn how to use Azure policies for resource groups. Later, the book covers techniques related to implementing and managing storage in Azure. You will be able to create and configure backup policies and perform restore operations. The next module will guide you to create, configure, and deploy virtual machines for Windows and Linux. In the last two modules, you will learn about configuring and managing virtual networks and managing identities. The book concludes with effective mock tests along

with answers so that you can confidently crack this exam. By the end of this book, you will acquire the skills needed to pass Exam AZ-103. What you will learn

- Configure Azure subscription policies and manage resource groups
- Monitor activity log by using Log Analytics
- Modify and deploy Azure Resource Manager (ARM) templates
- Protect your data with Azure Site Recovery
- Learn how to manage identities in Azure
- Monitor and troubleshoot virtual network connectivity
- Manage Azure Active Directory Connect, password sync, and password writeback

Who this book is for

This book is for Azure administrators, systems administrators or anyone preparing for AZ 103 exam and wants to master Azure's various administration features. Readers should have proficiency in working with PowerShell, CLI and other day-to-day Azure administration tasks.

Azure Security Cookbook -
Steve Miles 2023-03-24

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Gain critical real-world skills to secure your Microsoft Azure infrastructure against cyber attacks Purchase of the print or Kindle book includes a free PDF eBook Key Features Dive into practical recipes for implementing security solutions for Microsoft Azure resources Learn how to implement Microsoft Defender for Cloud and Microsoft Sentinel Work with real-world examples of Azure Platform security capabilities to develop skills quickly Book Description With evolving threats, securing your cloud workloads and resources is of utmost importance. Azure Security Cookbook is your comprehensive guide to understanding specific problems related to Azure security and finding the solutions to these problems. This book starts by introducing you to recipes on securing and protecting Azure Active Directory (AD) identities. After learning how to secure and protect Azure networks, you'll explore ways of securing Azure remote access and securing

Azure virtual machines, Azure databases, and Azure storage. As you advance, you'll also discover how to secure and protect Azure environments using the Azure Advisor recommendations engine and utilize the Microsoft Defender for Cloud and Microsoft Sentinel tools. Finally, you'll be able to implement traffic analytics; visualize traffic; and identify cyber threats as well as suspicious and malicious activity. By the end of this Azure security book, you will have an arsenal of solutions that will help you secure your Azure workload and resources. What you will learn Find out how to implement Azure security features and tools Understand how to provide actionable insights into security incidents Gain confidence in securing Azure resources and operations Shorten your time to value for applying learned skills in real-world cases Follow best practices and choices based on informed decisions Better prepare for Microsoft certification with a

security elementWho this book is for This book is for Azure security professionals, Azure cloud professionals, Azure architects, and security professionals looking to implement secure cloud services using Microsoft Defender for Cloud and other Azure security features. A solid understanding of fundamental security concepts and prior exposure to the Azure cloud will help you understand the key concepts covered in the book more effectively. This book is also beneficial for those aiming to take Microsoft certification exams with a security element or focus.

MCSE Windows 2000 Directory Services Design Study Guide - Robert R. King
2006-07-14

Here's the book you need to prepare for Exam 70-219, Designing a Microsoft Windows 2000 Directory Services Infrastructure: In-depth coverage of every exam objective Practical information on designing a Directory Services infrastructure 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: Analyzing business requirements Analyzing technical requirements Designing a Directory Service architecture Designing service locations Analyzing desktop management business requirements Designing and planning the OU structure Planning for coexistence of Active Directory and other directory services Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Microsoft Azure Architect Technologies: Exam Guide AZ-300 - Sjoukje Zaal
2020-01-16

Become a certified Azure Architect and learn to design effective solutions that span compute, security, networking, and development Key FeaturesLearn to successfully design and architect powerful

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and cost-effective solutions on Microsoft Azure. Prepare to gain AZ-300 certification with the help of mock tests and practice questions. Enhance your computing, networking, storage, and security skills to design modern cloud-based solutions. **Book Description** From designing solutions on Azure to configuring and managing virtual networks, AZ-300 certification can help you achieve all this and more. Whether you want to get certified or gain hands-on experience in administering, developing, and architecting Azure solutions, this study guide will help you get started. The book features not only the different exam objectives, but also guides you through configuring, managing, securing, and architecting Azure resources. Divided into five modules, this book will systematically take you through the different concepts and features as you advance through the sections. The first module demonstrates how to deploy and configure infrastructure. You will cover

techniques related to implementing workloads and security, before learning how to create and deploy apps in the next module. To build on your knowledge, the final two modules will get you up to speed with implementing authentication, data security, and application and platform monitoring, along with covering Azure storage, alerting, and automation strategies. Finally, you'll work through exam-based mock tests with answers to boost your confidence in passing the exam. By the end of this book, you'll have learned the concepts and techniques you need to know in order to prepare for the AZ-300 exam, along with the skills to design effective solutions on Microsoft Azure. What you will learn: **Manage Azure subscriptions and resources** Understand how to migrate servers to Azure **Configure and manage virtual networks** Monitor and troubleshoot virtual network connectivity **Manage Azure Active Directory (Azure AD)**

Connect and implement multi-factor authentication Implement and manage hybrid identities Develop solutions that use Cosmos DB and the Azure SQL Database Get to grips with implementing secure data solutions Who this book is for This book is for solution architects and experienced developers who advise stakeholders and translate business requirements into secure, scalable, and reliable solutions. Technical architects interested in learning more about designing cloud solutions will also find this book useful. Some experience and knowledge of various aspects of IT operations, including networking, security, business continuity, disaster recovery, budgeting, and governance are required to grasp the concepts covered in the book effectively. *Microsoft 365 Identity and Services Exam Guide MS-100* - Aaron Guilmette 2023-06-16 Gain a comprehensive grasp on the key objectives to pass the MS-100 exam, reinforced with practice questions throughout the book Purchase of the print

or Kindle book includes a free PDF eBook Key Features Plan and implement Azure AD identity, including your choice of authentication strategy and securing access Configure core features such as self-service password reset and Azure AD identity protection Work with self-assessment questions, exam tips, and practice tests based on the latest exam blueprint Book Description This book serves as a comprehensive guide to prepare you for the Microsoft Identity and Services exam, which focuses on the core identity and security aspects of a Microsoft 365 tenant. The exam MS-100 tests your proficiency in Azure AD authentication types, user management roles, access management, and workload applications. This book follows the published MS-100 blueprint, which covers identity and identity synchronization concepts, administrative roles, and crucial security topics such as self-service password reset, Azure AD password protection, and multifactor authentication.

You'll gain insights into application and authentication concepts, including OAuth application request management, enterprise application configuration, the benefits of Azure AD Application Proxy, and deploying Microsoft 365 apps. The book also delves into passwordless sign-in methods and provides overviews of configuring Exchange Online, Microsoft Teams, SharePoint Online, and OneDrive for Business in both cloud-only and hybrid deployments. You'll be able to assess your knowledge retention at the end of each chapter. By the end of this MS-100 study guide, you'll have built the knowledge and skills to pass the MS-100 exam and be able to ensure thorough preparation with the help of practice exam questions. What you will learn Build your knowledge to effectively plan a Microsoft 365 tenant Examine and monitor health metrics in the Microsoft 365 environment Select an authentication model that aligns with both business and security requirements

Implement App Proxy, enterprise applications, and SAML integration Configure Exchange Online and Exchange hybrid scenarios Deploy the Microsoft 365 Apps seamlessly in your organization Explore the core features of SharePoint Online, OneDrive, and Teams Who this book is for Designed for both intermediate and experienced administrators, as well as individuals preparing to take the MS-100 exam, this book caters to those pursuing standalone achievement or aspiring to attain the Microsoft 365 Certified: Enterprise Administrator Expert certification. A foundational understanding of Microsoft 365 services and associated technologies is expected. Mastering Active Directory - Dishan Francis 2017-06-30 Become a master at managing enterprise identity infrastructure by leveraging Active Directory About This Book Manage your Active Directory services for Windows Server 2016 effectively Automate administrative tasks in Active Directory using

PowerShell Manage your organization's network with ease Who This Book Is For If you are an Active Directory administrator, system administrator, or network professional who has basic knowledge of Active Directory and are looking to gain expertise in this topic, this is the book for you. What You Will Learn Explore the new features in Active Directory Domain Service 2016 Automate AD tasks with PowerShell Get to know the advanced functionalities of the schema Learn about Flexible Single Master Operation (FSMO) roles and their placement Install and migrate Active directory from older versions to Active Directory 2016 Manage Active Directory objects using different tools and techniques Manage users, groups, and devices effectively Design your OU structure in the best way Audit and monitor Active Directory Integrate Azure with Active Directory for a hybrid setup In Detail Active Directory is a centralized and standardized system that

automates networked management of user data, security, and distributed resources and enables interoperation with other directories. If you are aware of Active Directory basics and want to gain expertise in it, this book is perfect for you. We will quickly go through the architecture and fundamentals of Active Directory and then dive deep into the core components, such as forests, domains, sites, trust relationships, OU, objects, attributes, DNS, and replication. We will then move on to AD schemas, global catalogs, LDAP, RODC, RMS, certificate authorities, group policies, and security best practices, which will help you gain a better understanding of objects and components and how they can be used effectively. We will also cover AD Domain Services and Federation Services for Windows Server 2016 and all their new features. Last but not least, you will learn how to manage your identity 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.

Implementing Microsoft Azure Architect Technologies: AZ-303 Exam Prep and Beyond - Brett Hargreaves 2020-12-18
Become a certified Azure Architect and learn how to design effective solutions that span compute, security, networking, and development
Key Features Discover how you

can design and architect powerful and cost-effective solutions on Microsoft Azure Prepare to achieve AZ-303 certification with the help of mock tests and practice questions Enhance your computing, networking, storage, and security skills to design modern cloud-based solutions
Book Description From designing solutions on Azure to configuring and managing virtual networks, the AZ-303 certification validates your knowledge and skills for all this and much more. Whether you want to take the certification exam or gain hands-on experience in administering, developing, and architecting Azure solutions, this study guide will help you get started. Divided into four modules, this book systematically takes you through the wide range of concepts and features covered in the AZ-303 exam. The first module demonstrates how to implement and monitor infrastructure. You'll develop the skills required to deploy and manage core Azure

components such as virtual machines, networking, storage, and Active Directory (AD). As you progress, you'll build on that knowledge and learn how to create resilient and secure applications before moving on to working with web apps, functions, and containers. The final module will get you up to speed with data platforms such as SQL and Cosmos DB, including how to configure the different high availability options. Finally, you'll solve mock tests and assess yourself with the answers provided to get ready to take the exam with confidence. By the end of this book, you'll have learned the concepts and techniques you need to know to prepare for the AZ-303 exam and design effective solutions on Microsoft Azure. What you will learn

Manage Azure subscriptions and resources

Ensure governance and compliance with policies, roles, and blueprints

Build, migrate, and protect servers in Azure

Configure, monitor, and troubleshoot virtual networks

Manage Azure AD and

implement multi-factor authentication

Configure hybrid integration with Azure AD Connect

Find out how you can monitor costs, performance, and security

Develop solutions that use Cosmos DB and Azure SQL Database

Who this book is for

This book is for solution architects and experienced developers who advise stakeholders and translate business requirements into secure, scalable, and reliable solutions. Technical architects interested in learning more about designing cloud solutions will also find this book useful. Prior experience and knowledge of various aspects of IT operations, including networking, security, business continuity, disaster recovery, budgeting, and governance, will assist with understanding the concepts covered in the book.

Azure Active Directory for Secure Application

Development - Sjoukje Zaal
2022-05-26

Develop secure applications using different features of Azure Active Directory along

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with modern authentication techniques and protocols

- Key Features
- Confidently secure your Azure applications using the tools offered by Azure AD
- Get to grips with the most modern and effective authorization and authentication protocols
- Unlock the potential of Azure AD's most advanced features including Microsoft Graph and Azure AD B2C

Book Description Azure Active Directory for Secure Application Development is your one-stop shop for learning how to develop secure applications using modern authentication techniques with Microsoft Azure AD. Whether you're working with single-tenant, multi-tenant, or line-of-business applications, this book contains everything you need to secure them. The book wastes no time in diving into the practicalities of Azure AD. Right from the start, you'll be setting up tenants, adding users, and registering your first application in Azure AD. The balance between grasping and applying theory is

maintained as you move from the intermediate to the advanced: from the basics of OAuth to getting your hands dirty with building applications and registering them in Azure AD. Want to pin down the Microsoft Graph, Azure AD B2C, or authentication protocol best practices? We've got you covered. The full range of Azure AD functionality from a developer perspective is here for you to explore with confidence. By the end of this secure app development book, you'll have developed the skill set that so many organizations are clamoring for. Security is mission-critical, and after reading this book, you will be too. What you will learn

- Get an overview of Azure AD and set up your Azure AD instance
- Master application configuration and the use of service principals
- Understand new authentication protocols
- Explore the Microsoft Identity libraries
- Use OpenID Connect, OAuth 2.0, and MSAL to make sign-in fully secure
- Build a custom app that leverages the

Microsoft Graph API • Deploy Azure AD B2C to meet your security requirements • Create user flows and policies in Azure AD B2C Who this book is for If you are a developer or architect who has basic knowledge of Azure Active Directory and are looking to gain expertise in the application security domain, this is the book for you. Basic Azure knowledge and experience in building web applications and web APIs in C# will help you get the most out of this book.

Cloud Security Handbook -

Eyal Estrin 2022-04-14

A comprehensive reference guide to securing the basic building blocks of cloud services, with actual examples for leveraging Azure, AWS, and GCP built-in services and capabilities Key FeaturesDiscover practical techniques for implementing cloud securityLearn how to secure your data and core cloud infrastructure to suit your business needsImplement encryption, detect cloud threats and misconfiguration,

and achieve compliance in the cloudBook Description Securing resources in the cloud is challenging, given that each provider has different mechanisms and processes. Cloud Security Handbook helps you to understand how to embed security best practices in each of the infrastructure building blocks that exist in public clouds. This book will enable information security and cloud engineers to recognize the risks involved in public cloud and find out how to implement security controls as they design, build, and maintain environments in the cloud. You'll begin by learning about the shared responsibility model, cloud service models, and cloud deployment models, before getting to grips with the fundamentals of compute, storage, networking, identity management, encryption, and more. Next, you'll explore common threats and discover how to stay in compliance in cloud environments. As you make progress, you'll implement security in small-scale cloud environments

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through to production-ready large-scale environments, including hybrid clouds and multi-cloud environments. This book not only focuses on cloud services in general, but it also provides actual examples for using AWS, Azure, and GCP built-in services and capabilities. By the end of this cloud security book, you'll have gained a solid understanding of how to implement security in cloud environments effectively. What you will learn

Secure compute, storage, and networking services in the cloud
Get to grips with identity management in the cloud
Audit and monitor cloud services from a security point of view
Identify common threats and implement encryption solutions in cloud services
Maintain security and compliance in the cloud
Implement security in hybrid and multi-cloud environments
Design and maintain security in a large-scale cloud environment
Who this book is for
This book is for IT or information security personnel taking their first

steps in the public cloud or migrating existing environments to the cloud. Cloud engineers, cloud architects, or cloud security professionals maintaining production environments in the cloud will also benefit from this book. Prior experience of deploying virtual machines, using storage services, and networking will help you to get the most out of this book.

Azure PowerShell Quick Start Guide - Thomas Mitchell
2018-12-26

Leverage PowerShell to perform many day-to-day tasks in Microsoft Azure Key Features
Deploy and manage Azure virtual machines with PowerShell commands.
Get to grips with core concept of Azure PowerShell such as working with images and disks, custom script extension, high availability and more.
Leverage hands-on projects to successfully apply what you learned through the course of this book.
Book Description
As an IT professional, it is important to keep up with cloud technologies and learn to

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manage those technologies. PowerShell is a critical tool that must be learned in order to effectively and more easily manage many Azure resources. This book is designed to teach you to leverage PowerShell to enable you to perform many day-to-day tasks in Microsoft Azure. Taking you through the basic tasks of installing Azure PowerShell and connecting to Azure, you will learn to properly connect to an Azure tenant with PowerShell. Next, you will dive into tasks such as deploying virtual machines with PowerShell, resizing them, and managing their power states with PowerShell. Then, you will learn how to complete more complex Azure tasks with PowerShell, such as deploying virtual machines from custom images, creating images from existing virtual machines, and creating and managing of data disks. Later, you will learn how to snapshot virtual machines, how to encrypt virtual machines, and how to leverage load balancers to ensure high availability with PowerShell. By the end of this

book, you will have developed dozens of PowerShell skills that are invaluable in the deployment and management of Azure virtual machines. What you will learn
Manage virtual machines with PowerShell
Resize a virtual machine with PowerShell
Create OS disk snapshots via PowerShell
Deploy new virtual machines from snapshots via PowerShell
Provision and attach data disks to a virtual machine via PowerShell
Load balance virtual machines with PowerShell
Manage virtual machines with custom script extensions
Who this book is for
This book is intended for IT professionals who are responsible for managing Azure virtual machines. No prior PowerShell or Azure experience is needed.

Learn Active Directory Management in a Month of Lunches - Richard Siddaway
2014-03-11

Summary Learn Active Directory Management in a Month of Lunches is a practical, hands-on tutorial

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designed for IT pros new to Active Directory. It skips the theory and concentrates on the day-to-day administration tasks you need to know to keep your network running smoothly. Just set aside an hour a day for a month—lunchtime would be perfect—and you'll be comfortable and productive with Active Directory before you know it. About the Book At the heart of your Windows network is Active Directory, the control center for administration, security, and other core management functions. If you're new to Active Directory administration—or if you find yourself unexpectedly thrust into that role—you'll need to get up to speed fast. Learn Active Directory Management in a Month of Lunches is a hands-on tutorial designed for IT pros new to Active Directory. Without assuming previous administration experience, the book starts by walking you through the most important day-to-day system management tasks. You'll learn how to administer AD both

from the GUI tools built into Windows and by using PowerShell at the command line. Along the way, you'll touch on best practices for managing user access, setting group policies, automating backups, and more. This book assumes no prior experience with Active Directory or Windows administration. Examples are based in Windows Server 2012. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside ADM tasks you'll need every day GUI and command line techniques Content tested by new administrators Well-illustrated, clearly explained examples About the Author Richard Siddaway is an experienced all-around Windows administrator with two decades of experience. He's the author of PowerShell in Practice and PowerShell and WMI, and coauthor of PowerShell in Depth. Table of Contents PART 1 MANAGING ACTIVE DIRECTORY DATA Before you begin Creating user

accounts Managing user
accounts Managing groups
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accounts Managing
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MANAGING GROUP POLICY
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grained password policies
PART 3 MANAGING THE
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Default groups and delegation
Managing DNS Managing sites
and subnets AD replication
Managing AD trusts PART 4
MAINTENANCE AND
TROUBLESHOOTING
Troubleshooting your AD
Maintaining and monitoring
Active Directory Future work
and final exam Into the cloud
*Microsoft 365 Security
Administration: MS-500 Exam
Guide* - Peter Rising
2020-06-19
Get up to speed with expert
tips and techniques to help you
prepare effectively for the
MS-500 Exam Key Features
Get the right guidance and discover

techniques to improve the
effectiveness of your studying
and prepare for the
exam Explore a wide variety of
strategies for security and
compliance Gain knowledge
that can be applied in real-
world situations Book
Description The Microsoft 365
Security Administration
(MS-500) exam is designed to
measure your ability to
perform technical tasks such as
managing, implementing, and
monitoring security and
compliance solutions for
Microsoft 365 environments.
This book starts by showing
you how to configure and
administer identity and access
within Microsoft 365. You will
learn about hybrid identity,
authentication methods, and
conditional access policies with
Microsoft Intune. Next, the
book shows you how RBAC and
Azure AD Identity Protection
can be used to help you detect
risks and secure information in
your organization. You will also
explore concepts, such as
Advanced Threat Protection,
Windows Defender ATP, and
Threat Intelligence. As you

progress, you will learn about additional tools and techniques to configure and manage Microsoft 365, including Azure Information Protection, Data Loss Prevention, and Cloud App Discovery and Security. The book also ensures you are well prepared to take the exam by giving you the opportunity to work through a mock paper, topic summaries, illustrations that briefly review key points, and real-world scenarios. By the end of this Microsoft 365 book, you will be able to apply your skills in the real world, while also being well prepared to achieve Microsoft certification. What you will learn

Get up to speed with implementing and managing identity and access

Understand how to employ and manage threat protection

Get to grips with managing governance and compliance features in Microsoft 365

Explore best practices for effective configuration and deployment

Implement and manage information protection

Prepare to pass the Microsoft exam and achieve

certification with the help of self-assessment questions and a mock exam

Who this book is for

This Microsoft certification book is designed to help IT professionals, administrators, or anyone looking to pursue a career in security administration by becoming certified with Microsoft's role-based qualification. Those trying to validate their skills and improve their competitive advantage with Microsoft 365 Security Administration will also find this book to be a useful resource.

LDAP System Administration - Gerald Carter 2003-03-20

Be more productive and make your life easier. That's what LDAP System Administration is all about.

System administrators often spend a great deal of time managing configuration information located on many different machines: usernames, passwords, printer configurations, email client configurations, and network filesystem configurations, to name a few. LDAPv3 provides tools for centralizing all of the

configuration information and placing it under your control. Rather than maintaining several administrative databases (NIS, Active Directory, Samba, and NFS configuration files), you can make changes in only one place and have all your systems immediately "see" the updated information. Practically platform independent, this book uses the widely available, open source OpenLDAP 2 directory server as a premise for examples, showing you how to use it to help you manage your configuration information effectively and securely. OpenLDAP 2 ships with most Linux® distributions and Mac OS® X, and can be easily downloaded for most Unix-based systems. After introducing the workings of a directory service and the LDAP protocol, all aspects of building and installing OpenLDAP, plus key ancillary packages like SASL and OpenSSL, this book discusses: Configuration and access control Distributed directories; replication and referral Using OpenLDAP to

replace NIS Using OpenLDAP to manage email configurations Using LDAP for abstraction with FTP and HTTP servers, Samba, and Radius Interoperating with different LDAP servers, including Active Directory Programming using Net::LDAP If you want to be a master of your domain, LDAP System Administration will help you get up and running quickly regardless of which LDAP version you use. After reading this book, even with no previous LDAP experience, you'll be able to integrate a directory server into essential network services such as mail, DNS, HTTP, and SMB/CIFS.

Windows Server 2008: The Definitive Guide - Jonathan Hassell 2008-03-17

This practical guide has exactly what you need to work with Windows Server 2008. Inside, you'll find step-by-step procedures for using all of the major components, along with discussions on complex concepts such as Active Directory replication, DFS namespaces and replication, network access protection, the

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Server Core edition, Windows PowerShell, server clustering, and more. All of this with a more compact presentation and a tighter focus on tasks than you'll find in bulkier references. Windows Server 2008: The Definitive Guide takes a refreshing approach. You won't find the history of Windows NT, or discussions on the way things used to work. Instead, you get only the information you need to use this server. If you're a beginning or intermediate system administrator, you learn how the system works, and how to administer machines running it. The expert administrators among you discover new concepts and components outside of your realm of expertise. Simply put, this is the most thorough reference available for Windows Server 2008, with complete guides to: Installing the server in a variety of different environments File services and the Windows permission structure How the domain name system (DNS) works Active Directory,

including its logical and physical structure, hierarchical components, scalability, and replication Group Policy's structure and operation Managing security policy with predefined templates and customized policy plans Architectural improvements, new features, and daily administration of IIS 7 Terminal Services from both the administrator's user's point of view Networking architecture including DNS, DHCP, VPN, RADIUS server, IAS, and IPSec Windows clustering services --- applications, grouping machines, capacity and network planning, user account management Windows PowerShell scripting and command-line technology With Windows Server 2008: The Definitive Guide, you to come away with a firm understanding of what's happening under the hood, but without the sense that you're taking a graduate course in OS theory. If you intend to work with this server, this is the only book you need.

Active Directory For Dummies - Steve Clines

2008-08-11

Your guide to learning Active Directory the quick and easy way Whether you're new to Active Directory (AD) or a savvy system administrator looking to brush up on your skills, Active Directory for Dummies will steer you in the right direction. Since its original release, Microsoft's implementation of the lightweight directory access protocol (LDAP) for the Windows Server line of networking software has become one of the most popular directory service products in the world. If you're involved with the design and support of Microsoft directory services and/or solutions, you're in the right place. This comprehensive guide starts by showing you the basics of AD, so you can utilize its structures to simplify your life and secure your digital environment. From there, you'll discover how to exert fine-grained control over groups, assets, security, permissions, and policies on a

Windows network and efficiently configure, manage, and update the network. With coverage of security improvements, significant user interface changes, and updates to the AD scripting engine, password policies, accidental object deletion protection, and more, this plain-English book has everything you need to know. You'll learn how to: Navigate the functions and structures of AD Understand business and technical requirements to determine goals Become familiar with physical components like site links, network services, and site topology Manage and monitor new features, AD replication, and schema management Maintain AD databases Avoid common AD mistakes that can undermine network security With chapters on the ten most important points about AD design, ten online resources, and ten troubleshooting tips, this user-friendly book really is your one-stop guide to setting up, working with, and making the most of Active Directory. Get

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your copy of Active Directory For Dummies and get to work. **Kerberos** - Jason Garman 2003 Kerberos, the single sign-on authentication system originally developed at MIT, deserves its name. It's a faithful watchdog that keeps intruders out of your networks. But it has been equally fierce to system administrators, for whom the complexity of Kerberos is legendary. Single sign-on is the holy grail of network administration, and Kerberos is the only game in town. Microsoft, by integrating Kerberos into Active Directory in Windows 2000 and 2003, has extended the reach of Kerberos to all networks large or small. Kerberos makes your network more secure and more convenient for users by providing a single authentication system that works across the entire network. One username; one password; one login is all you need. Fortunately, help for administrators is on the way. Kerberos: The Definitive Guide shows you how to implement Kerberos for secure

authentication. In addition to covering the basic principles behind cryptographic authentication, it covers everything from basic installation to advanced topics like cross-realm authentication, defending against attacks on Kerberos, and troubleshooting. In addition to covering Microsoft's Active Directory implementation, Kerberos: The Definitive Guide covers both major implementations of Kerberos for Unix and Linux: MIT and Heimdal. It shows you how to set up Mac OS X as a Kerberos client. The book also covers both versions of the Kerberos protocol that are still in use: Kerberos 4 (now obsolete) and Kerberos 5, paying special attention to the integration between the different protocols, and between Unix and Windows implementations. If you've been avoiding Kerberos because it's confusing and poorly documented, it's time to get on board! This book shows you how to put Kerberos authentication to work on your Windows and Unix systems.

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Learn Windows IIS in a Month of Lunches - Jason

Helmick 2013-12-31

Summary Learn Windows IIS in a Month of Lunches is an innovative tutorial designed for busy administrators. Even if you have no prior exposure to IIS, you can follow the crisp explanations, examples, and exercises in this concise, easy-to-read book. Just set aside one hour a day—lunchtime would be perfect—for a month, and you'll be managing, securing, and automating IIS administrative tasks faster than you thought possible. About this Book When your website slows to a crawl or Exchange stops sending internet mail, you have to get things working again. Fast. IIS is the communication gateway for most Microsoft servers as well as the primary technology for publishing web sites. Learning to manage it effectively means you can keep your systems running smoothly and go home on time. Learn Windows IIS in a Month of Lunches is an innovative tutorial designed for busy administrators. Follow the

crisp explanations, examples, and exercises in this concise, easy-to-read book, and you'll be managing, securing, and automating IIS faster than you thought possible. You'll start with IIS fundamentals, and then systematically explore web farm design, website management, and high availability, along with practices to keep your Exchange, SharePoint, System Center, and Lync servers running smoothly. Written for anyone who needs to manage IIS, whether you're an IT pro or a reluctant administrator. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. What's Inside 24 bite-sized lessons with practice examples High-value troubleshooting techniques No previous IIS experience assumed About the Author Jason Helmick is a professional trainer and consultant specializing in Active Directory and IIS. He's the founder of the Arizona PowerShell User Group. Table of Contents Before you begin

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WebLogic: The Definitive Guide - Jon Mountjoy

2004-02-23
BEA's WebLogic Server implements the full range of J2EE technologies, and includes many additional features such as advanced management, clustering, and web services. Widely adopted, it forms the core of the WebLogic platform, providing a stable framework for building scalable, highly available, and secure applications. In fact, in the long list of WebLogic's strengths and features, only one shortcoming stands out: the documentation that comes with the WebLogic server often leaves users clamoring for more information. WebLogic: The Definitive Guide presents a 360-degree view of the world of WebLogic. Providing in-depth coverage of the WebLogic server, the book takes the concept of "definitive" to a whole new level. Exhaustive treatment of the WebLogic server and management console answers any question that developers or administrators might think to ask. Developers will find a useful guide through the world

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of WebLogic to help them apply their J2EE expertise to build and manage applications. Administrators will discover all they need to manage a WebLogic-based setup. And system architects will appreciate the detailed analysis of the different system architectures supported by WebLogic, the overall organization of a WebLogic domain and supporting network infrastructure, and more. *WebLogic: The Definitive Guide* is divided into three sections that explore WebLogic and J2EE, Managing the WebLogic Environment, and WebLogic Enterprise APIs. Some of the topics covered in this comprehensive volume include: Building web applications on the WebLogic Server Building and optimizing RMI applications Using EJBs with WebLogic, including CMP entity beans Packaging and deploying applications Understanding WebLogic's support for clustering Performance tuning and related configuration settings Configuring WebLogic's SSL

support Maximizing WebLogic's security features Building web services with XML Using WebLogic's JMX services and MBeans Anyone who has struggled with mastering the WebLogic server will appreciate the thorough, clearly written explanations and examples in this book. *WebLogic: The Definitive Guide* is the definitive documentation for this popular J2EE application server.

Exam Ref SC-300 Microsoft Identity and Access Administrator - Razi Rais
2022-12-30

Prepare for Microsoft Exam SC-300 and demonstrate your real-world ability to design, implement, and operate identity and access management systems with Microsoft Azure Active Directory (AD). Designed for professionals involved in secure authentication, access, or identity management, this Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified: Identity and Access

Administrator Associate level. Focus on the expertise measured by these objectives: Implement identities in Azure AD Implement authentication and access management Implement access management for applications Plan and implement identity governance in Azure AD This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes that you are an administrator, security engineer, or other IT professional who provides, or plans to provide, secure identity and access services for an enterprise About the Exam Exam SC-300 focuses on the knowledge needed to configure and manage Azure AD tenants; create, configure, and manage Azure AD identities; implement and manage external identities and hybrid identity; plan, implement, and manage Azure Multifactor Authentication (MFA), self-service password reset, Azure AD user authentication, and Azure AD conditional access; manage

Azure AD Identity Protection; implement access management for Azure resources; manage and monitor app access with Microsoft Defender for Cloud Apps; plan, implement, and monitor enterprise app integration; enable app registration; plan and implement entitlement management and privileged access; plan, implement, and manage access reviews; and monitor Azure AD. About Microsoft Certification Passing this exam fulfills your requirements for the Microsoft Certified: Identity and Access Administrator Associate certification, demonstrating your abilities to design, implement, and operate identity and access management systems with Azure AD; configure and manage identity authentication and authorization for users, devices, resources, and applications; provide seamless experiences and self-service; verify identities for Zero Trust; automate Azure AD management; troubleshoot and monitor identity and access

environments; and collaborate to drive strategic identity projects, modernize identity solutions, and implement hybrid identity and/or identity governance. See full details at: microsoft.com/learn

Active Directory

Administrator's Pocket

Consultant - William Stanek

2009-01-14

Portable and precise, this pocket-sized guide delivers immediate answers for the day-to-day administration of Active Directory in Windows Server 2008. Zero in on core support and maintenance tasks using quick-reference tables, instructions, and lists. You'll get the focused information you need to solve problems and get the job done—whether at your desk or in the field! Get fast facts to: Install forests, domain trees, and child domains Add and remove writable domain controllers and deploy read-only controllers Configure, maintain, and troubleshoot global catalog servers Maintain directory and data integrity using operations masters

Evaluate sites, subnets, and replication before expanding a network Establish a trust relationship between domains and between forests Maintain and recover Active Directory Domain Services Employ essential command-line utilities

Managing Active Directory with Windows Powershell -

Jeffery Hicks 2011-04-01

So you've got Active Directory and PowerShell... how do you make them work together? How do you add 500 new user accounts complete with group membership using only a few commands? How do you find all your obsolete computer accounts and move them to another OU? How do you create a report of all your empty groups? Find out in *Managing Active Directory with Windows PowerShell: TFM 2 nd Ed.* You'll not only learn about managing Active Directory users and groups with PowerShell, but also computer accounts, group policy, Active Directory infrastructure and more. Revised and expanded with over 85% new material,

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coverage includes PowerShell solutions from Microsoft, Quest Software, and SDM Software as well as "out of the box" PowerShell features like the [ADSI] type adapter. Inside you'll find plenty of real-world and practical examples, including complete scripts you can use right now to get your job done faster and more efficiently! This book is not only the definitive guide to managing Active Directory, but also local directory services. Need to manage the local administrator account on 1000 servers? Need to find out who belongs to the local Administrators group on those 1000 servers? You can easily accomplish these tasks and more with PowerShell right from your desktop. Managing Active Directory with Windows PowerShell: TFM 2 nd Edition can be used as a reference "cookbook" or read cover to cover as a thorough tutorial led by a Windows PowerShell MVP and Active Directory expert. PowerShell IS the Microsoft Windows management tool of today, so

what are you waiting for?
Windows Administration at the Command Line for Windows Vista, Windows 2003, Windows XP, and Windows 2000 - John Paul Mueller 2007-03-31

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.

SAP on Azure Implementation Guide - Nick Morgan 2020-02-21

Learn how to migrate your SAP data to Azure simply and successfully. Key Features Learn why Azure is suitable for business-critical

systems Understand how to migrate your SAP infrastructure to Azure Use Lift & shift migration, Lift & migrate, Lift & migrate to HANA, or Lift & transform to S/4HANA Book Description Cloud technologies have now reached a level where even the most critical business systems can run on them. For most organizations SAP is the key business system. If SAP is unavailable for any reason then potentially your business stops. Because of this, it is understandable that you will be concerned whether such a critical system can run in the public cloud. However, the days when you truly ran your IT system on-premises have long since gone. Most organizations have been getting rid of their own data centers and increasingly moving to co-location facilities. In this context the public cloud is nothing more than an additional virtual data center connected to your existing network. There are typically two main reasons why you may consider migrating SAP to

Azure: You need to replace the infrastructure that is currently running SAP, or you want to migrate SAP to a new database. Depending on your goal SAP offers different migration paths. You can decide either to migrate the current workload to Azure as-is, or to combine it with changing the database and execute both activities as a single step. SAP on Azure Implementation Guide covers the main migration options to lead you through migrating your SAP data to Azure simply and successfully. What you will learn Successfully migrate your SAP infrastructure to Azure Understand the security benefits of Azure See how Azure can scale to meet the most demanding of business needs Ensure your SAP infrastructure maintains high availability Increase business agility through cloud capabilities Leverage cloud-native capabilities to enhance SAP Who this book is for SAP on Azure Implementation Guide is designed to benefit existing SAP architects looking

to migrate their SAP infrastructure to Azure. Whether you are an architect implementing the migration or an IT decision maker evaluating the benefits of migration, this book is for you. *Windows 2000 Active Directory* - Syngress 2001-09-24 Updated coverage of the most confusing Windows 2000 component in this new edition of a Syngress bestseller. Active Directory Services dramatically changes the way IT professionals design, plan, configure and administer their Windows NT networks. The primary benefits of Active Directory Services are its extensibility, scalability, and ease of management as compared to prior generations of Windows NT. Systems Engineers will probably spend much of their time over the next several years planning for and deploying Active Directory Services in many different environments. *Windows 2000 Active Directory, Second Edition* gives IT professionals a head start; it provides updated coverage of everything they

will need to succeed. Many Windows 2000 administrators are struggling with Active Directory and need a comprehensive book on the subject The first completely updated book on Active Directory to hit the market **Automating System Administration with Perl** - David N. Blank-Edelman 2009-05-14

If you do systems administration work of any kind, you have to deal with the growing complexity of your environment and increasing demands on your time. *Automating System Administration with Perl, Second Edition*, not only offers you the right tools for your job, but also suggests the best way to approach specific problems and to securely automate recurring tasks. Updated and expanded to cover the latest operating systems, technologies, and Perl modules, this edition of the "Otter Book" will help you: Manage user accounts Monitor filesystems and processes Work with configuration files in

important formats such as XML and YAML Administer databases, including MySQL, MS-SQL, and Oracle with DBI Work with directory services like LDAP and Active Directory Script email protocols and spam control Effectively create, handle, and analyze log files Administer network name and configuration services, including NIS, DNS and DHCP Maintain, monitor, and map network services, using technologies and tools such as SNMP, nmap, libpcap, GraphViz and RRDtool Improve filesystem, process, and network security This edition includes additional appendixes to get you up to speed on technologies such as XML/XPath, LDAP, SNMP, and SQL. With this book in hand and Perl in your toolbox, you can do more with less -- fewer resources, less effort, and far less hassle.

Microsoft Office 365 Administration Cookbook - Nate Chamberlain 2020-09-11 Make the most out of your investment in Office 365 apps and services with this

Microsoft Office cookbook Key Features Learn how to manage and secure the entire Office 365 stack in addition to specific services Delve into newer and frequently shifting areas such as Power Platform, Microsoft Teams, and Microsoft Search administration Discover carefully selected techniques that cover a range of administrative tasks of varying difficulty levels Book Description Organizations across the world have switched to Office 365 to boost workplace productivity. However, to maximize investment in Office 365, you need to know how to efficiently administer Office 365 solutions. Microsoft Office 365 Administration Cookbook is packed with recipes to guide you through common and not-so-common administrative tasks throughout Office 365. Whether you're administering a single app such as SharePoint or organization-wide Security & Compliance across Office 365, this cookbook offers a variety of recipes that you'll want to have

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to hand. The book begins by covering essential setup and administration tasks. You'll learn how to manage permissions for users and user groups along with automating routine admin tasks using PowerShell. You'll then progress through to managing core Office 365 services such as Exchange Online, OneDrive, SharePoint Online, and Azure Active Directory (AD). This book also features recipes that'll help you to manage newer services such as Microsoft Search, Power Platform, and Microsoft Teams. In the final chapters, you'll delve into monitoring, reporting, and securing your Office 365 services. By the end of this book, you'll have learned about managing individual Office 365 services along with monitoring, securing, and optimizing your entire Office 365 deployment efficiently. What you will learn

Get to grips with basic Office 365 setup and routine administration tasks
Manage Office 365 identities and groups efficiently and

securely Harness the capabilities of PowerShell to automate common administrative tasks
Configure and manage core Office 365 services such as Exchange Online, SharePoint, and OneDrive
Configure and administer fast-evolving services such as Microsoft Search, Power Platform, Microsoft Teams, and Azure AD
Get up and running with advanced threat protection features provided by the Microsoft 365 Security & Compliance Center
Protect your organization's sensitive data with Office 365 Data Loss Prevention
Monitor activities and behaviors across all Office 365 services

Who this book is for
This book is for newer Office 365 administrators and IT pros alike, and comes with recipes of varying difficulty levels along with step-by-step guidance. Whether you are new to Office 365 administration or just seeking new ideas, this cookbook contains recipes to enhance your organization's app and service management and productivity.

Mastering Microsoft Exchange Server 2016 - Clifton Leonard
2016-09-23

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 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.

Pro SQL Server on Linux -

Bob Ward 2018-10-27

Get SQL Server up and running on the Linux operating system and containers. No database professional managing or developing SQL Server on Linux will want to be without this deep and authoritative guide by one of the most respected experts on SQL Server in the industry. Get an inside look at how SQL Server for Linux works through the eyes of an engineer on the team that made it possible. Microsoft SQL Server is one of the leading database platforms in the industry, and SQL Server 2017 offers developers and administrators the ability to run a database management system on Linux, offering proven support for enterprise-level features and without onerous licensing terms. Organizations invested in Microsoft and open source

technologies are now able to run a unified database platform across all their operating system investments.

Organizations are further able to take full advantage of containerization through popular platforms such as Docker and Kubernetes. Pro SQL Server on Linux walks you through installing and configuring SQL Server on the Linux platform. The author is one of the principal architects of SQL Server for Linux, and brings a corresponding depth of knowledge that no database professional or developer on Linux will want to be without. Throughout this book are internals of how SQL Server on Linux works including an in depth look at the innovative architecture. The book covers day-to-day management and troubleshooting, including diagnostics and monitoring, the use of containers to manage deployments, and the use of self-tuning and the in-memory capabilities. Also covered are performance capabilities, high availability, and disaster recovery along with security

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and encryption. The book covers the product-specific knowledge to bring SQL Server and its powerful features to life on the Linux platform, including coverage of containerization through Docker and Kubernetes. What You'll Learn Learn about the history and internal of the unique SQL Server on Linux architecture. Install and configure Microsoft's flagship database product on the Linux platform Manage your deployments using container technology through Docker and Kubernetes Know the basics of building databases, the T-SQL language, and developing applications against SQL Server on Linux Use tools and features to diagnose, manage, and monitor SQL Server on Linux Scale your application by learning the performance capabilities of SQL Server Deliver high availability and disaster recovery to ensure business continuity Secure your database from attack, and protect sensitive data through encryption Take advantage of powerful features such as

Failover Clusters, Availability Groups, In-Memory Support, and SQL Server's Self-Tuning Engine Learn how to migrate your database from older releases of SQL Server and other database platforms such as Oracle and PostgreSQL Build and maintain schemas, and perform management tasks from both GUI and command line Who This Book Is For Developers and IT professionals who are new to SQL Server and wish to configure it on the Linux operating system. This book is also useful to those familiar with SQL Server on Windows who want to learn the unique aspects of managing SQL Server on the Linux platform and Docker containers. Readers should have a grasp of relational database concepts and be comfortable with the SQL language.

Exam Ref AZ-500 Microsoft Azure Security - Yuri

Diogenes 2022-04-19

Prepare for Microsoft Exam AZ-500: Demonstrate your real-world knowledge of Microsoft Azure security, including tools

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and techniques for protecting identity, access, platforms, data, and applications, and for effectively managing security operations. Designed for professionals with Azure security experience, this Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified: Azure Security Engineer Associate level. Focus on the expertise measured by these objectives:

- Manage identity and access
- Implement platform protection
- Manage security operations
- Secure data and applications

This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you have expertise implementing security controls and threat protection, managing identity and access, and protecting assets in cloud and hybrid environments About the Exam Exam AZ-500 focuses on the knowledge needed to manage Azure Active Directory identities; configure secure access with Azure AD; manage

application access and access control; implement advanced network security; configure advanced security for compute; monitor security with Azure Monitor, Azure Firewall manager, Azure Security Center, Azure Defender, and Azure Sentinel; configure security policies; configure security for storage and databases; and configure and manage Key Vault. About Microsoft Certification Passing this exam fulfills your requirements for the Microsoft Certified: Azure Security Engineer Associate credential, demonstrating your expertise as an Azure Security Engineer capable of maintaining security posture, identifying and remediating vulnerabilities, implementing threat protection, and responding to incident escalations as part of a cloud-based management and security team. See full details at: microsoft.com/learn

MCSE: Windows Server 2003 Active Directory Planning, Implementation, and Maintenance Study Guide - Robert Shimonski

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2006-04-03

This exam (70294) is an MCSE core requirement and an MCSA elective Thoroughly revised to cover the new version of the exam, which includes questions on Windows Server 2003 R2 and Windows XP Professional SP2 Offers improved troubleshooting coverage and more scenarios and case studies The CD-ROM features the state-of-the-art WinSim program that enables readers to practice on simulation questions, plus an advanced testing engine, hundreds of sample questions, an e-version of the book, and flashcards Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Microsoft 365 Modern Desktop Administrator Guide to Exam MD-100:

Windows 10 - Byron Wright
2021-01-01

Wright/Plesniarski's
MICROSOFT SPECIALIST
GUIDE TO MICROSOFT EXAM
MD-100: WINDOWS 10
ensures you are well prepared
for the Microsoft exam as well

as a successful career in system administration. Completely up to date, this user-friendly guide walks you step by step through all aspects of installing, configuring and maintaining Windows 10 as a client operating system. Engaging exercises throughout enable you to experience the processes involved in Windows 10 configuration and management -- with plenty of troubleshooting tips to offer solutions to common problems along the way. Review Questions help you prepare for the Microsoft certification exam, while Case Projects provide practice in situations that must be managed in a live networking environment. Giving you added flexibility, labs can be completed on physical or virtual machines. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. *Active Directory* - Brian Desmond 2013-04-11 Provides information on the

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features, functions, and implementation of Active Directory, covering such topics as management tools, searching the AD database, and the Kerberos security protocol.

Jndi Api Tutorial and Reference - Rosanna Lee
2017-07-14

The Active Directory Service Interface (ADSI) enables developers and network administrators to easily manage network resources by providing a way to automate tasks. From a network administrator's perspective, these tasks can include user management and printing device configuration, and from a developer perspective, ADSI provides a way to develop directory-enabled applications. In Directory Enabled Applications by Giancarlo Lelli, you'll quickly learn to manage multiple tasks in Active Directory, implement single sign-on, and interact with other useful administrative tools. This updated and expanded second edition of Book provides a user-friendly

introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

Microsoft Windows Server 2003 - Don Jones 2003

This is the book that Microsoft conference-goers ask for: "Instead of releasing the Nth edition, can't you just release the differences?" This book is designed to provide experienced professionals with the "delta" they've always wanted. It focuses on delivering core information in a brief, easily understood style. *Active Directory Field Guide* - Beau Hunter 2006-11-03

* Task-based, advanced solutions * Discusses non-

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traditional or out-of-band solutions * Written from real-world knowledge * Focuses on solutions relevant to consultants

Tutorial Windows Server

2012 - Nikmah Daulae, ST
Buku "Tutorial Windows Server 2012" memuat materi instalasi Windows Server, Server Role, Active Directory, storage, performance monitor dan maintenance server sebagai bagian dari kurikulum siswa SMK jurusan Teknik Komputer dan Jaringan (TKJ) Materi dalam buku disusun dalam bentuk tutorial dan dijelaskan tahap demi tahap untuk mempermudah pemahaman materi sekaligus membimbing siswa menguasai salah satu sistem operasi server yang paling banyak digunakan. Buku ini juga bisa digunakan oleh calon sistem administrator yang hendak mengawali pemahaman materi Windows server.

Active Directory Cookbook -

Robbie Allen 2006-06-09
If you're among those looking for practical hands-on support, help is here with Active

Directory Cookbook, Second Edition, a unique problem-solving guide that offers quick answers for Active Directory and updated for Window Server 2003 SP1 and R2 versions. The book contains hundreds of step-by-step solutions for both common and uncommon problems that you're likely to encounter with Active Directory on a daily basis--including recipes to deal with the Lightweight Directory Access Protocol (LDAP), ADAM, multi-master replication, Domain Name System (DNS), Group Policy, the Active Directory Schema, and many other features. Author Robbie Allen, a Technical Leader at Cisco Systems, MVP for Directory Services, and co-author of Active Directory, Third Edition and Laura E. Hunter, MVP for Windows Server-Networking and author of several books, have based this collection of troubleshooting recipes on their own experience, along with input from Windows administrators. Each recipe includes a discussion

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explaining how and why the solution works, so you can adapt the problem-solving techniques to similar situations. This best selling book provides solutions to over 300 problems commonly encountered when deploying, administering, and automating Active Directory to manage users in Windows 2000 and Windows Server 2003. The recipes include: creating domains and trusts renaming a domain controller finding users whose passwords are about to expire applying a security filter to group policy objects checking for potential replication problems restricting hosts from

performing LDAP queries viewing DNS server performance statistics This Cookbook is a perfect companion to Active Directory, Third Edition, the tutorial that experts hail as the best source for understanding Microsoft's directory service. While Active Directory provides the big picture, Active Directory Cookbook gives you quick solutions you need to cope with day-to-day dilemmas. Together, these books supply the knowledge and tools so you can get the most out of Active Directory to manage users, groups, computers, domains, organizational units, and security policies on your network.