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# 533 Implementing Microsoft Azure Infrastructure Solutions

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Exam Ref 70-414 Implementing an Advanced Server Infrastructure (MCSE)

Architecting Microsoft Azure Solutions

Exam Ref 70-534 Architecting Microsoft Azure Solutions

Learn Azure in a Month of Lunches, Second Edition

Exam Ref 70-532 Developing Microsoft Azure Solutions

Microsoft Azure Sentinel

Automating Microsoft Azure Infrastructure Services

Exam Ref 70-764 Administering a SQL Database Infrastructure

Mastering Azure Analytics

Hands-On Cloud Administration in Azure

Exam Ref 70-532

Mastering Microsoft Azure Infrastructure Services

Microsoft Office 365 Administration Inside Out

Exam Ref 70-533 Implementing Microsoft Azure Infrastructure Solutions

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Microsoft Azure Security Infrastructure  
Microsoft Azure Infrastructure Services for Architects  
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Microsoft Azure Security Center  
SharePoint Online Power User Playbook  
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Training Kit (Exam 70-461): Querying Microsoft SQL Server 2012  
Exam Ref 70-767 Implementing a SQL Data Warehouse  
Microsoft Azure Essentials - Fundamentals of Azure  
Microsoft Azure Architect Technologies and Design Complete Study Guide  
Implementing Microsoft Azure Infrastructure Solutions  
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### **Exam Ref 70-414 Implementing an Advanced Server Infrastructure (MCSE)**

Apress

Prepare for Microsoft  
Exam 70-532--and help  
demonstrate your real-

world mastery of  
Microsoft Azure solution  
development. Designed  
for experienced  
developers ready to  
advance their status,  
Exam Ref focuses on the  
critical-thinking and  
decision-making acumen  
needed for success at the  
Microsoft Specialist level.  
Focus on the expertise  
measured by these  
objectives: Design and

implement Websites  
Create and manage  
Virtual Machines Design  
and implement Cloud  
Services Design and  
implement a storage  
strategy Manage  
application and network  
services This Microsoft  
Exam Ref: Organizes its  
coverage by exam  
objectives Features  
strategic, what-if  
scenarios to challenge

you will be valuable for Microsoft Azure developers, solution architects, DevOps engineers, and QA engineers. Assumes you have experience designing, programming, implementing, automating, and monitoring Microsoft Azure solutions and that you are proficient with tools, techniques, and approaches for building scalable, resilient solutions. Developing Microsoft Azure Solutions. About the Exam Exam 70-532 focuses on the

skills and knowledge needed to develop Microsoft Azure solutions that include websites, virtual machines, cloud services, storage, application services, and network services. About Microsoft Certification Passing this exam earns you a Microsoft Specialist certification in Microsoft Azure, demonstrating your expertise with the Microsoft Azure enterprise-grade cloud platform. You can earn this certification by passing Exam 70-532, Developing Microsoft

Azure Solutions; or Exam 70-533, Implementing Microsoft Azure Infrastructure Solutions; or Exam 70-534, Architecting Microsoft Azure Solutions. See full details at: [microsoft.com/learning](https://microsoft.com/learning) **Architecting Microsoft Azure Solutions** Microsoft Press Explore Azure services such as networking, virtual machines, web apps, databases, cloud migration, and security. Key Features Understand Azure services to build, deploy, and manage

workloads on cloud. Learn in-depth core Azure services and work through real-world scenarios and case studies. A concise and practical guide for learning cloud administration on Azure. **Book Description** Azure continues to dominate the public cloud market and grow rapidly thanks to a number of recent innovations. Azure's wide range of services and support has led to a large number of customers switching to Azure cloud. **Hands-On Cloud Administration in**

Azure starts with the basics of Azure cloud fundamentals and key concepts of the cloud computing ecosystem and services. Then, you will gradually get acquainted with core services provided by Azure, including Azure VNet, types and assignments of IP addresses, and network security groups. You will also work on creating and administering Azure Virtual Machines, types of virtual machines (VMs), and design VM solutions based on computing workloads. As you make

your way through the chapters, you will explore Azure App Service, discover how to host your web apps in Azure, and monitor and troubleshoot them. In the concluding chapters, you will learn more complex and abstract services, such as Azure Storage, Azure Backup, and Azure Site Recovery. You will also get to grips with Azure SQL Databases and the SQL on Azure VM concept. By the end of this book, you will have obtained practical experience of working with Azure

services and Azure administration, along with maintaining, monitoring, and securing your Azure resources. What you will learn Understand the concepts of IaaS and PaaS Learn design patterns for Azure solutions Design data solutions in Azure Explore concepts of hybrid clouds with Azure Implement Azure Security in cloud Create and manage Azure resources with script-based tools Who this book is for Hands-On Cloud Administration in Azure is for system

administrators, cloud admins, cloud engineers, and DevOps engineers who are interested in understanding administration-related services in Azure. Prior experience of working with Azure is an added advantage.

**Exam Ref 70-534 Architecting Microsoft Azure Solutions** Packt Publishing Ltd  
 "This study guide helps readers prepare for the Microsoft Certified Solutions Expert exam for Windows Server 2016." -- Source inconnue.

*Learn Azure in a Month of Lunches, Second Edition*  
 Packt Publishing Ltd  
 Become a proficient Microsoft Azure solutions architect Azure certifications are critical to the millions of IT professionals Microsoft has certified as MCSE and MCSA in Windows Server in the last 20 years. All of these professionals need to certify in key Azure exams to stay current and advance in their careers. Exams AZ-303 and AZ-304 are the key solutions architect exams that experienced Windows

professionals will find most useful at the intermediate and advanced points of their careers. Microsoft Azure Architect Technologies and Design Complete Study Guide Exams AZ-303 and AZ-304 covers the two critical Microsoft Azure exams that intermediate and advanced Microsoft IT professionals will need to show proficiency as their organizations move to the Azure cloud. Understand Azure Set up your Microsoft Cloud network Solve real-world problems

Get the confidence to pass the exam By learning all of these things plus using the Study Guide review questions and practice exams, the reader will be ready to take the exam and perform the job with confidence.

**Exam Ref 70-532  
Developing Microsoft Azure Solutions** Apress  
Prepare for Microsoft Exam AZ-103—and help demonstrate your real-world mastery of deploying and managing infrastructure in Microsoft Azure cloud

environments. Designed for experienced cloud professionals ready to advance their status, Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified Associate level. Focus on the expertise measured by these objectives: Manage Azure subscriptions and resources Implement and manage storage Deploy and manage virtual machines (VMs) Configure and manage virtual networks Manage

identities This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you are an experienced Azure administrator who understands and manages diverse storage, security, networking and/or compute cloud services About the Exam Exam AZ-103 focuses on skills and knowledge needed to manage Azure subscriptions; analyze resource utilization and consumption; manage

resource groups; establish storage accounts; import/export data; configure Azure files; implement backup; create, configure, and automate VM deployment; manage VMs and VM backups; implement, manage, and connect virtual networks; configure name resolution; create and configure Network Security Groups; manage Azure AD and its objects; and implement and manage hybrid identities. About Microsoft Certification Passing exam

AZ-103 earns your Microsoft Certified: Azure Administrator Associate certification, demonstrating your skills in implementing, monitoring, and maintaining Microsoft Azure solutions, including major services related to compute, storage, network, and security. *Microsoft Azure Sentinel* Apress Discover the best practices for transforming cloud and infrastructure operations by using Agile, Scrum, Kanban, Scrumban and Spotify models. This



book will help you gain an in-depth understanding of these processes so that you can apply them to your own work. The book begins by offering an overview of current processes and methods used in IT Operations using ITIL and IT4IT. The Authors provide a background of the Agile, Scrum, Kanban, SaFe, Scrumban, and Spotify models used in software development. You'll then gain in-depth guidance and best practices to implement Agile in the Operations world. You'll

see how Agile, Site Reliability Engineering and DevOps work in tandem to provide the foundation for modern day infrastructure and cloud operations. The book also offers a comparison of various agile processes and their suitability to the infrastructure and cloud operations world. After completing this is hands-on guide, you'll know how to adopt Agile, DevOps and SRE and select the most suitable processes for your organization to achieve higher reliability,

agility and lower costs while running cloud and infrastructure operations. What You Will Learn Understand how cloud computing and microservices architecture are changing operations dynamics Understand ITIL, IT4IT, and Lean Learn how Site Reliability Engineering, Agile and DevOps work in tandem Leverage Agile, Scrum, Kanban, Scrumban, and Spotify models to run cloud operations Use Site Reliability techniques along with Agile and DevOps Study the

different agile frameworks (Spotify, SAFe, LeSS, DAD, Nexus), their purpose, benefits and implementation approaches. Learn a step-by-step process to identify and implement these frameworks in your organization Who This Book is For Infrastructure architects, DevOps architects, Agile practitioners, DevSecOps Experts, Product Managers/Scrum Masters, DevOps Engineers. [Automating Microsoft Azure Infrastructure Services](#) Pearson

Education  
Get valuable tips and techniques for automating your cloud deployments with Azure PowerShell cmdlets, and learn how to provision Azure services on the fly. In this hands-on guide, Microsoft cloud technology expert Michael Washam shows you how to automate various management tasks and deploy solutions that are both complex and at scale. By combining the native automation capabilities of PowerShell with Azure Infrastructure Services, these powerful

cmdlets enable you to create and configure virtual machines with ease. You'll learn how to take advantage of these technologies to build complete virtual networks. If you have experience with PowerShell and Azure, you're ready to get started. Install and authenticate cmdlets to set up your environment Create and update virtual machines with Azure platform images Manage network endpoints, access control lists, and IP addresses Use cmdlets to

manage and configure virtual machine storage Automate Azure virtual networks with hybrid technologies such as site-to-site, point-to-site, and ExpressRoute Dive into advanced virtual machine provisioning capabilities and management techniques Learn tips and tricks for deleting or moving virtual machines within (or out of) your subscription

Exam Ref 70-764

Administering a SQL Database Infrastructure

Microsoft Press

Start empowering users

and protecting corporate data, while managing Identities and Access with Microsoft Azure in different environments About This Book Deep dive into the Microsoft Identity and Access Management as a Service (IDaaS) solution Design, implement and manage simple and complex hybrid identity and access management environments Learn to apply solution architectures directly to your business needs and understand how to identify and manage

business drivers during transitions Who This Book Is For This book is for business decision makers, IT consultants, and system and security engineers who wish to plan, design, and implement Identity and Access Management solutions with Microsoft Azure. What You Will Learn Apply technical descriptions and solution architectures directly to your business needs and deployments Identify and manage business drivers and architecture changes to transition between

different scenarios  
 Understand and configure all relevant Identity and Access Management key features and concepts  
 Implement simple and complex directory integration, authentication, and authorization scenarios  
 Get to know about modern identity management, authentication, and authorization protocols and standards  
 Implement and configure a modern information protection solution  
 Integrate and configure future

improvements in authentication and authorization functionality of Windows 10 and Windows Server 2016  
 In Detail Microsoft Azure and its Identity and Access Management is at the heart of Microsoft's Software as a Service, including Office 365, Dynamics CRM, and Enterprise Mobility Management. It is an essential tool to master in order to effectively work with the Microsoft Cloud. Through practical, project based learning this book will impart that mastery.

Beginning with the basics of features and licenses, this book quickly moves on to the user and group lifecycle required to design roles and administrative units for role-based access control (RBAC). Learn to design Azure AD to be an identity provider and provide flexible and secure access to SaaS applications. Get to grips with how to configure and manage users, groups, roles, and administrative units to provide a user- and group-based application and self-service access

including the audit functionality. Next find out how to take advantage of managing common identities with the Microsoft Identity Manager 2016 and build cloud identities with the Azure AD Connect utility. Construct blueprints with different authentication scenarios including multi-factor authentication. Discover how to configure and manage the identity synchronization and federation environment along with multi-factor authentication, conditional access, and

information protection scenarios to apply the required security functionality. Finally, get recommendations for planning and implementing a future-oriented and sustainable identity and access management strategy. Style and approach A practical, project-based learning experience explained through hands-on examples. *Mastering Azure Analytics* Microsoft Press Learn Azure in a Month of Lunches, Second Edition, is a tutorial on writing,

deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. Summary You can be incredibly productive with Azure without mastering every feature, function, and service. Learn Azure in a Month of Lunches, Second Edition gets you up and running quickly, teaching you the most important concepts and tasks in 21 practical bite-

sized lessons. As you explore the examples, exercises, and labs, you'll pick up valuable skills immediately and take your first steps to Azure mastery! This fully revised new edition covers core changes to the Azure UI, new Azure features, Azure containers, and the upgraded Azure Kubernetes Service. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Microsoft Azure is vast and

powerful, offering virtual servers, application templates, and prebuilt services for everything from data storage to AI. To navigate it all, you need a trustworthy guide. In this book, Microsoft engineer and Azure trainer Iain Foulds focuses on core skills for creating cloud-based applications. About the book *Learn Azure in a Month of Lunches, Second Edition*, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give

you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. What's inside *Understanding Azure beyond point-and-click* Securing applications and data Automating your environment Azure services for machine learning, containers, and more About the reader This book is for readers who can write and deploy simple web or client/server applications. About the author Iain Foulds is an engineer and senior content developer

with Microsoft. Table of Contents PART 1 - AZURE CORE SERVICES 1 Before you begin 2 Creating a virtual machine 3 Azure Web Apps 4 Introduction to Azure Storage 5 Azure Networking basics PART 2 - HIGH AVAILABILITY AND SCALE 6 Azure Resource Manager 7 High availability and redundancy 8 Load-balancing applications 9 Applications that scale 10 Global databases with Cosmos DB 11 Managing network traffic and routing 12 Monitoring and troubleshooting PART 3 -

SECURE BY DEFAULT 13 Backup, recovery, and replication 14 Data encryption 15 Securing information with Azure Key Vault 16 Azure Security Center and updates PART 4 - THE COOL STUFF 17 Machine learning and artificial intelligence 18 Azure Automation 19 Azure containers 20 Azure and the Internet of Things 21 Serverless computing *Hands-On Cloud Administration in Azure* Microsoft Press Prepare for Microsoft Exam 70-764—and help

demonstrate your real-world mastery of skills for database administration. This exam is intended for database administrators charged with installation, maintenance, and configuration tasks. Their responsibilities also include setting up database systems, making sure those systems operate efficiently, and regularly storing, backing up, and securing data from unauthorized access. Focus on the expertise measured by these objectives: • Configure

data access and auditing

- Manage backup and restore of databases
- Manage and monitor SQL Server instances
- Manage high availability and disaster recovery

This Microsoft Exam Ref:

- Organizes its coverage by exam objectives
- Features strategic, what-if scenarios to challenge you
- Assumes you have working knowledge of database installation, configuration, and maintenance tasks. You should also have experience with setting up database systems,

ensuring those systems operate efficiently, regularly storing and backing up data, and securing data from unauthorized access.

About the Exam Exam 70-764 focuses on skills and knowledge required for database administration. About Microsoft Certification Passing both Exam 70-764 and Exam 70-765 (Provisioning SQL Databases) earns you credit toward an MCSA: SQL 2016 Database Administration certification. See full

details at: [microsoft.com/learning/Exam-Ref-70-532-BPB-Publications](https://microsoft.com/learning/Exam-Ref-70-532-BPB-Publications)

Prepare for Microsoft Exam 70-483—and help demonstrate your real-world mastery of programming in C#. Designed for experienced software developers ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the Microsoft Specialist level. Focus on the expertise measured by these objectives: Manage



Program Flow Create and Use Types Debug Applications and Implement Security Implement Data Access This Microsoft Exam Ref: Organizes its coverage by exam objectives. Features strategic, what-if scenarios to challenge you.

### **Mastering Microsoft Azure Infrastructure Services** BPB

Publications

Microsoft Azure Sentinel Plan, deploy, and operate Azure Sentinel, Microsoft's advanced cloud-based SIEM Microsoft's cloud-

based Azure Sentinel helps you fully leverage advanced AI to automate threat identification and response - without the complexity and scalability challenges of traditional Security Information and Event Management (SIEM) solutions. Now, three of Microsoft's leading experts review all it can do, and guide you step by step through planning, deployment, and daily operations. Leveraging in-the-trenches experience supporting early customers, they cover everything from

configuration to data ingestion, rule development to incident management... even proactive threat hunting to disrupt attacks before you're exploited. Three of Microsoft's leading security operations experts show how to: • Use Azure Sentinel to respond to today's fast-evolving cybersecurity environment, and leverage the benefits of its cloud-native architecture • Review threat intelligence essentials: attacker motivations, potential

targets, and tactics, techniques, and procedures • Explore Azure Sentinel components, architecture, design considerations, and initial configuration • Ingest alert log data from services and endpoints you need to monitor • Build and validate rules to analyze ingested data and create cases for investigation • Prevent alert fatigue by projecting how many incidents each rule will generate • Help Security Operation Centers (SOCs) seamlessly manage each

incident's lifecycle • Move towards proactive threat hunting: identify sophisticated threat behaviors and disrupt cyber kill chains before you're exploited • Do more with data: use programmable Jupyter notebooks and their libraries for machine learning, visualization, and data analysis • Use Playbooks to perform Security Orchestration, Automation and Response (SOAR) • Save resources by automating responses to low-level events • Create visualizations to

spot trends, identify or clarify relationships, and speed decisions • Integrate with partners and other third-parties, including Fortinet, AWS, and Palo Alto  
*Microsoft Office 365 Administration Inside Out*  
 Microsoft Press  
 Helps users understand the breadth of Azure services by organizing them into a reference framework they can use when crafting their own big-data analytics solution.  
*Exam Ref 70-533 Implementing Microsoft*

*Azure Infrastructure Solutions* Microsoft Press  
Adopt Azure IaaS and migrate your on-premise infrastructure partially or fully to Azure. This book provides practical solutions by following Microsoft's design and best practice guidelines for building highly available, scalable, and secure solution stacks using Microsoft Azure IaaS. The author starts by giving an overview of Azure IaaS and its components: you'll see the new aspects of Azure Resource Manager,

storage in IaaS, and Azure networking. As such, you'll cover design considerations for migration and implementation of infrastructure services, giving you practical skills to apply to your own projects. The next part of the book takes you through the different components of Azure IaaS that need to be included in a resilient architecture and how to set up a highly available infrastructure in Azure. The author focuses on the tools available for Azure IaaS automated

provisioning and the different performance monitoring and fine-tuning options available for the platform. Finally, you'll gain practical skills in Azure security and implementing Azure architectures. After reading *Practical Microsoft Azure IaaS*, you will have learned how to map the familiar on-premise architecture components to their cloud infrastructure counterparts. This book provides a focused and practical approach to designing solutions to be

hosted in Azure IaaS.  
 What You Will Learn Map the key Azure components to familiar concepts in infrastructure, such as virtualization, storage provisioning, switching, and firewalls  
 Implement Azure IaaS deployment architectures  
 Design IaaS environments in line with the Microsoft recommended best practices for scalability, resiliency, availability, performance, and security  
 Manage the operational aspects of hosted environments, leverage automation, and fine tune

for optimal performance  
 Who This Book Is For Infrastructure and solution architects with skills in on-premise infrastructure design who want to up-skill in Azure IaaS.  
[Exam Ref AZ-103 Microsoft Azure Administrator](#) Pearson Education  
 Prepare for the updated version of Microsoft Exam AZ-900 and help demonstrate your real-world knowledge of cloud services and how they can be provided with Microsoft Azure, including high-level concepts that apply

throughout Azure, and key concepts specific to individual services.  
 Designed for professionals in both non-technical or technical roles, this Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified Fundamentals level. Focus on the expertise measured by these objectives: Describe cloud concepts Describe Azure architecture and services Describe Azure management and governance This Microsoft

Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you want to show foundational knowledge of cloud services and their delivery with Microsoft Azure About the Exam Exam AZ-900 focuses on knowledge needed to describe cloud computing; the benefits of using cloud services; cloud service types; core Azure architectural components; Azure compute, networking, and storage

services; Azure identity, access, and security; Azure cost management; Azure features and tools for governance and compliance, and for managing and deploying resources; and Azure monitoring tools. About Microsoft Certification Passing this exam fulfills your requirements for the Microsoft Certified: Azure Fundamentals credential, validating your basic knowledge of cloud services and how those services are provided with Azure. Whether you're new to the field or a

seasoned professional, demonstrating this knowledge can help you jump-start your career and prepare you to dive deeper into the many technical opportunities Azure offers. *Microsoft Azure Security Infrastructure* Microsoft Press Prepare for Microsoft Exam 70-532--and help demonstrate your real-world mastery of Microsoft Azure solution development. Designed for experienced developers ready to advance their status,

Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the Microsoft Specialist level. Focus on the expertise measured by these objectives: Design and implement Websites Create and manage Virtual Machines Design and implement Cloud Services Design and implement a storage strategy Manage application and network services This Microsoft Exam Ref : Organizes its coverage by exam objectives Features

strategic, what-if scenarios to challenge you Will be valuable for Microsoft Azure developers, solution architects, DevOps engineers, and QA engineers Assumes you have experience designing, programming, implementing, automating, and monitoring Microsoft Azure solutions and that you are proficient with tools, techniques, and approaches for building scalable, resilient solutions Developing Microsoft Azure Solutions

About the Exam Exam 70-532 focuses on the skills and knowledge needed to develop Microsoft Azure solutions that include websites, virtual machines, cloud services, storage, application services, and network services. About Microsoft Certification Passing this exam earns you a Microsoft Specialist certification in Microsoft Azure, demonstrating your expertise with the Microsoft Azure enterprise-grade cloud platform. You can earn this certification by

passing Exam 70-532, Developing Microsoft Azure Solutions; or Exam 70-533, Implementing Microsoft Azure Infrastructure Solutions; or Exam 70-534, Architecting Microsoft Azure Solutions. See full details at: [microsoft.com/learning](https://microsoft.com/learning).

**Microsoft Azure Infrastructure Services for Architects** Pearson Education

Develop skills and knowledge for provisioning and managing services in Microsoft Azure and

implement infrastructure components Key Features Build and manage robust infrastructure solutions on Microsoft Azure Plan and implement Azure storage, backup, and recovery services Prepare and boost your confidence with certification-based mock tests and solutions Book Description Microsoft Azure is a prominent public cloud provider, recording the highest user base growth in the year 2017.

Microsoft has prominent certifications that help architects, developers,

and administrators gain hands-on knowledge while working on Azure. 70-533 is one such advanced-level certification, which deals with infrastructure solutions on Microsoft Azure. Implementing Microsoft Azure Infrastructure Solutions starts with an overview of the certification and an introduction to Microsoft Azure. Next, you will learn how to plan and implement virtual machines and containers, followed by designing and implementing service apps. As you make your

way through the chapters, you will learn how to implement and manage virtual networks and Azure identities, as well as the Active Directory infrastructure in a hybrid environment. In the concluding chapters, you will learn how to plan and implement storage and security, and business continuity and disaster recovery (BCDR) strategies. You will also automate and monitor cloud management operations in Azure. By the end of the book, you will have covered all of

the modules, along with the practice questions at the end of each chapter, which will be extremely helpful in passing the 70-533 certification exam. What you will learn

- Explore cloud basics and gain an overview of Microsoft Azure Plan and implement virtual machines and containers for scalability and resilience
- Understand virtual networks' cross-premises connectivity
- Learn how to manage your Azure identities
- Plan and implement storage, security, and the BCDR

strategy Automate and monitor cloud management operations in Azure Manage app services for resilience and availability Interacting with Azure Services by using ARM, the Azure CLI, and PowerShell Who this book is for

Implementing Microsoft Azure Infrastructure Solutions is for senior cloud professionals who already have experience working with the Azure ecosystem and want to take their knowledge to the next level. Prior knowledge of the Azure ecosystem is



necessary.

*Exam 70-413 Designing and Implementing a Server Infrastructure* John Wiley & Sons

Ace your preparation for Microsoft® Certification Exam 70-461 with this 2-in-1 Training Kit from Microsoft Press®. Work at your own pace through a series of lessons and practical exercises, and then assess your skills with practice tests on CD—featuring multiple, customizable testing options. Maximize your performance on the exam by learning how to: Create

database objects Work with data Modify data Troubleshoot and optimize queries You also get an exam discount voucher—making this book an exceptional value and a great career investment.

Windows Server 2019 Inside Out Pearson Education

Conquer Windows Server 2019—from the inside out! Dive into Windows Server 2019—and really put your Windows Server expertise to work. Focusing on Windows Server 2019'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 new innovations for security, hybrid cloud environments, and Hyper-Converged Infrastructure (HCI), it covers everything from cluster sets to Windows Subsystem for Linux. You'll discover how experts tackle today's

essential tasks—and challenge yourself to new levels of mastery. • Optimize the full Windows Server 2019 lifecycle, from planning and configuration through rollout and administration • Leverage new configuration options including App Compatibility Features on Demand (FOD) or Desktop Experience • Ensure fast, reliable upgrades and migrations • Manage Windows servers, clients, and services through Windows Admin Center • Seamlessly deliver and

administer core DNS, DHCP, file, print, storage, and Internet services • Use the Storage Migration Service to simplify storage moves and configuration at the destination • Seamlessly integrate Azure IaaS and hybrid services with Windows Server 2019 • Improve agility with advanced container technologies, including container networking and integration into Kubernetes orchestration clusters • Deliver Active Directory identity, certificate, federation, and

rights management services • Protect servers, clients, VMs, assets, and users with advanced Windows Server 2019 security features, from Just Enough Administration to shielded VMs and guarded virtualization fabrics • Monitor performance, manage event logs, configure advanced auditing, and perform backup/recovery Windows Server 2019 For Experienced Windows Server Users and IT Professionals • Your role: Experienced intermediate

to-advanced level Windows Server user or IT professional •

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

### **Microsoft Azure Security Center**

Microsoft Press

Gain the technical and business insight needed to plan, deploy, and manage the services provided by the Microsoft Azure cloud. This second edition focuses on improving operational decision tipping points for

the professionals leading DevOps and security teams. This will allow you to make an informed decision concerning the workloads appropriate for your growing business in the Azure public cloud. Microsoft Azure starts with an introduction to Azure along with an overview of its architecture services such as IaaS and PaaS. You'll also take a look into Azure's data, artificial intelligence, and machine learning services. Moving on, you will cover the planning for and adoption

of Azure where you will go through budgeting, cloud economics, and designing a hybrid data center. Along the way, you will work with web apps, network PaaS, virtual machines, and much more. The final section of the book starts with Azure data services and big data with an in-depth discussion of Azure SQL Database, CosmosDB, Azure Data Lakes, and MySQL. You will further see how to migrate on-premises databases to Azure and use data engineering. Next, you

will discover the various Azure services for application developers, including Azure DevOps and ASP.NET web apps. Finally, you will go through the machine learning and AI tools in Azure, including Azure

Cognitive Services. What You Will Learn Apply design guidance and best practices using Microsoft Azure to achieve business growth Create and manage virtual machines Work with AI frameworks to process and analyze data to support business

decisions and increase revenue Deploy, publish, and monitor a web app Who This Book Is For Azure architects and business professionals looking for Azure deployment and implementation advice.

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