

# Exam Ref 70 535 Architecting Microsoft Azure Solutions

**Architecting Microsoft Azure Solutions** *Architecting Microsoft Azure Solutions – Exam Guide 70-535 Architecting Microsoft Azure Solutions - Exam Guide 70-535 Cloud Architecture Patterns Architecting Microsoft Azure Solutions* **Microsoft Azure Architect Technologies and Design Complete Study Guide** *Azure for Architects* Microsoft Azure Architect Technologies: Exam Guide AZ-300 Microsoft Azure Architect Technologies Study Companion **Microsoft Application Architecture Guide** *The Azure Cloud Native Architecture Mapbook* *Implementing Microsoft Azure Architect Technologies: AZ-303 Exam Prep and Beyond* **Microsoft Azure Architect Technologies** *Exam Ref AZ-304 Microsoft Azure Architect Design* **Exam Ref AZ-300 Microsoft Azure Architect Technologies** Implementing Microsoft Azure Architect Technologies AZ-303 Exam Prep and Beyond - Second Edition *Clean Architecture* **Exam Ref AZ-303 Microsoft Azure Architect Technologies** *Architecting Microsoft Azure Solutions Study & Lab Guide Part 1: Exam 70-535 Developing Microservices Architecture on Microsoft Azure with Open Source Technologies Architecting Microsoft Azure Solutions Study & Lab Guide Part 2: Exam 70-535 Microsoft Azure Infrastructure Services for Architects* *Mcsa Cloud Infrastructure Lab Guide 70-534 Exam* **Exam Ref 70-533 Implementing Microsoft Azure Infrastructure Solutions** **Exam 70-411 Administering Windows Server 2012** *Hands-On Cloud Solutions with Azure* *Exam Ref 70-532 Developing Microsoft Azure Solutions* **Exam Ref AZ-304 Microsoft Azure Architect Design Certification and Beyond** *Azure for Architects Azure for Architects Azure for Architects - Third Edition* *Exam Ref 70-535 Architecting Microsoft Azure Solutions* *Exam Ref 70-534 Architecting Microsoft Azure Solutions* **Migrating Applications to the Cloud with Azure** *Designing Distributed Systems* Implementing Azure Cloud Design Patterns **Microsoft Power Platform Enterprise Architecture** *Briggs Applied Architecture Patterns on the Microsoft Platform* Azure Strategy and Implementation Guide

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**Microsoft Power Platform Enterprise Architecture** Sep 25 2019 Gain a 360-degree view of Microsoft Power Platform and combine the benefits of Power Apps, Power BI, Power Automate, Azure, and Dynamics 365 to build an enterprise application platform for your organization **Key Features** Explore various Microsoft cloud components and find out how they can enhance your

Power Platform solutions Get to grips with Microsoft Power Platform's security and extensibility, integration, and data migration models Discover architectural best practices for designing complex enterprise solutions

**Book Description** For forward-looking architects and decision makers who want to craft complex solutions to serve growing business needs, Microsoft Power Platform Enterprise Architecture offers an array of architectural best practices and techniques. With this book, you'll learn how to design robust software using the tools available in the Power Platform suite and be able to integrate them seamlessly with various Microsoft 365 and Azure components. Unlike most other resources that are overwhelmingly long and unstructured, this book covers essential concepts using concise yet practical examples to help you save time. You'll develop the skills you need to architect, design, and manage a complex solution as you follow the journey of a fictitious enterprise customer as they enter the world of Power Platform. Throughout the book, you'll discover how to combine the functionality of Power Apps, Power Automate, Power BI, and Power Virtual Agents with various methodologies to effectively address application lifecycle management, security, and extensibility. Finally, you'll learn how to overcome common challenges in migrating data to and from Microsoft Power Platform using proven techniques. By the end of this book, you'll have the strategic perspective of an enterprise architect to make accurate architectural decisions for your complex Power Platform projects.

**What you will learn** Understand various Dynamics 365 CRM, ERP, and AI modules for creating Power Platform solutions Enhance Power Platform with Microsoft 365 and Azure Find out which regions, staging environments, and user licensing groups need to be employed when creating enterprise solutions Implement sophisticated security by using various authentication and authorization techniques Extend Power Apps, Power BI, and Power Automate to create custom applications Integrate your solution with various in-house Microsoft components or third-party systems using integration patterns

**Who this book is for** This book is for enterprise architects and technical decision makers who want to craft complex solutions using Microsoft Power Platform to serve growing business needs and to stay competitive in the modern IT world. A basic understanding of Microsoft Power Platform will help you to get started with this book.

*Architecting Microsoft Azure Solutions* Jun 26 2022 The Exam Ref is the official study guide for Microsoft certification exams. Featuring concise, objective-by-objective reviews and strategic case scenarios and Thought Experiments, exam candidates get professional-level preparation for the exam. The Exam Ref helps candidates maximise their performance on the exam and sharpen their job-role skills. It organises material by the exam's objective domains. This Exam Ref is a complete guide for the 70-534 exam covering architecting cloud solutions on Azure including all aspects of designing and creating a strategy for a complete solution leveraging the Microsoft Azure Cloud. This includes Azure Resource Manager (ARM) templates, Networking, Security, application storage and data access, advanced applications, web and mobile apps, compute infrastructure, and managing, monitoring and creating a business continuity strategy.

*Mcsa Cloud Infrastructure Lab Guide 70-534 Exam* Dec 09 2020 Azure provides Virtual Datacenter in the Cloud. You can scale up or scale down resources in your Virtual Datacenter on demand. In Azure cloud you get managed resources which don't require skilled manpower for deployment. You pay for what you use. Where as on premises Datacenter require lot of skilled resources, time and money for deployment and management. MCSA Cloud Infrastructure Lab Guide for 70-534 Exam prepares you for hands on experience on Azure Cloud. There are more than 70 labs. Topics Include Virtual Networks, Network Security Groups, Availability Set, Azure Compute, Azure Storage, Azure Active Directory, Backup, SQL Database, Security Center, Operations Management Suite, Web Apps and Load Balancers. Whether you want to get certified or want hands on experience in deploying Virtual Datacenter in Azure Cloud, this lab guide will help you achieve your objective. Author Harinder Kohli is a Cloud and Virtual Data

Center Architect. Table of Contents Signing to Azure Cloud and Lab Tricks. Topologies Networking Compute Storage Azure Active Directory Backup SQL Database Security Center Operational Management Suite (OMS) Web App Load Balancing Global Load Balancing with Traffic Manager

Microsoft Azure Architect Technologies Study Companion Feb 20 2022 Use this invaluable study companion and hands-on guide to help you prepare for the AZ-300 and AZ-303 certification exam and get well on your way to becoming an Azure Solutions Architect. The book starts with an overview of public, private, and hybrid clouds and then goes into configuration of virtual machines. Azure Resource Manager (ARM) and VM encryption are discussed along with Azure Monitor. You will learn how to work with Azure recommendations and analyze your resource configuration. Storage solutions, connecting to networks, and Azure Active Directory are discussed in depth, with examples. You will be able to migrate servers to Azure and demonstrate server-less computing, load balancing, and app services in Azure. You also will learn about Service Fabric, Azure Kubernetes services, and data security in Azure. Cosmos DB and Relational DB are covered and you will know how to connect to cloud databases using SQL Server Management Studio (SSMS). The book presents exercises, practice questions, and Azure architecture best practices. What Will You Learn Be able to speak with customers, understand their infrastructure, and provide a blueprint to migrate their framework to Azure Go beyond moving on-premise frameworks to Azure and design solutions on Azure from the start Know Azure architecture best practices to optimize Azure deployments Complete practice exercises to prepare for exam lab assignments Take a mock exam for practice Who This Book Is For Azure developers, Azure Solution Architects, and those aspiring to fill these roles, who possess some familiarity with cloud computing

**Azure for Architects** May 02 2020 Build and design multiple types of applications that are cross-language, platform, and cost-effective by understanding core Azure principles and foundational concepts Key Features Get familiar with the different design patterns available in Microsoft Azure Develop Azure cloud architecture and a pipeline management system Get to know the security best practices for your Azure deployment Book Description Thanks to its support for high availability, scalability, security, performance, and disaster recovery, Azure has been widely adopted to create and deploy different types of application with ease. Updated for the latest developments, this third edition of Azure for Architects helps you get to grips with the core concepts of designing serverless architecture, including containers, Kubernetes deployments, and big data solutions. You'll learn how to architect solutions such as serverless functions, you'll discover deployment patterns for containers and Kubernetes, and you'll explore large-scale big data processing using Spark and Databricks. As you advance, you'll implement DevOps using Azure DevOps, work with intelligent solutions using Azure Cognitive Services, and integrate security, high availability, and scalability into each solution. Finally, you'll delve into Azure security concepts such as OAuth, OpenConnect, and managed identities. By the end of this book, you'll have gained the confidence to design intelligent Azure solutions based on containers and serverless functions. What you will learn Understand the components of the Azure cloud platform Use cloud design patterns Use enterprise security guidelines for your Azure deployment Design and implement serverless and integration solutions Build efficient data solutions on Azure Understand container services on Azure Who this book is for If you are a cloud architect, DevOps engineer, or a developer looking to learn about the key architectural aspects of the Azure cloud platform, this book is for you. A basic understanding of the Azure cloud platform will help you grasp the concepts covered in this book more effectively.

Implementing Azure Cloud Design Patterns Oct 26 2019 A hands-on guide to mastering Azure cloud design patterns and best practices. Key Features Master architectural design patterns in

Azure. Get hands-on with implementing design patterns. Implement best practices for improving efficiency and security Book Description A well designed cloud infrastructure covers factors such as consistency, maintenance, simplified administration and development, and reusability. Hence it is important to choose the right architectural pattern as it has a huge impact on the quality of cloud-hosted services. This book covers all Azure design patterns and functionalities to help you build your cloud infrastructure so it fits your system requirements. This book initially covers design patterns that are focused on factors such as availability and data management/monitoring. Then the focus shifts to complex design patterns such as multitasking, improving scalability, valet keys, and so on, with practical use cases. The book also supplies best practices to improve the security and performance of your cloud. By the end of this book, you will thoroughly be familiar with the different design and architectural patterns available with Windows Azure and capable of choosing the best pattern for your system. What you will learn Learn to organize Azure access Design the core areas of the Azure Execution Model Work with storage and data management Create a health endpoint monitoring pattern Automate early detection of anomalies Identify and secure Azure features Who this book is for This book is targeted at cloud architects and cloud solution providers who are looking for an extensive guide to implementing different patterns for the deployment and maintenance of services in Microsoft Azure. Prior experience with Azure is required as the book is completely focused on design patterns.

**Microsoft Azure Architect Technologies** Oct 19 2021 Become a certified Azure Architect and learn to design effective solutions that span compute, security, networking, and development Key Features Learn to successfully design and architect powerful 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 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 ...

**Exam Ref AZ-303 Microsoft Azure Architect Technologies** May 14 2021 Direct from

Microsoft, this Exam Ref is the official study guide for the new Microsoft AZ-303 Microsoft Azure Architect certification exam, and covers every single objective. Designed for modern IT professionals, this Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified Expert level. Focus on the expertise measured by these objectives: Deploy and configure infrastructure Implement workloads and security Create and deploy apps Implement authentication and secure data Develop for the cloud and for Azure storage

*Hands-On Cloud Solutions with Azure Sep 05 2020* Design effective Azure architecture and transform your IT business solutions Key Features Develop a resilient and robust cloud environment Deploy and manage cost-effective and highly available solutions on your public cloud Design and implement enterprise-level cloud solutions Book Description Azure provides cloud-based solutions to support your business demands. Building and running solutions on Azure will help your business maximize the return on investment and minimize the total cost of ownership. Hands-On Cloud Solutions with Azure focuses on addressing the architectural decisions that usually arise when you design or migrate a solution to Microsoft Azure. You will start by designing the building blocks of infrastructure solution on Azure, such as Azure compute, storage, and networking, followed by exploring the database options it offers. You will get to grips with designing scalable web and mobile solutions and understand where to host your Active Directory and Identity Solution. Moving on, you'll learn how to extend DevOps to Azure. You will also benefit from some exciting services that enable extremely smooth operations and streamlined DevOps between on-premises and cloud. The book will help you to design a secure environment for your solution, on both the Cloud and hybrid. Toward the end, you'll see how to manage and monitor cloud and hybrid solutions. By the end of this book, you will be armed with all the tools and knowledge you need to properly plan and design your solutions on Azure, whether it's for a brand new project or migration project. What you will learn Get started with Azure by understanding tenants, subs, and resource groups Decide whether to "lift and shift" or migrate apps Plan and architect solutions in Azure Build ARM templates for Azure resources Develop and deploy solutions in Azure Understand how to monitor and support your application with Azure Make your life easier with Azure best practices and tips Who this book is for If you're an IT consultant, developer, or solutions architect looking to design effective solutions for your organization, this book is for you. Some knowledge of cloud computing will assist with understanding the key concepts covered in this book.

Implementing Microsoft Azure Architect Technologies AZ-303 Exam Prep and Beyond - Second Edition Jul 16 2021 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.

*Exam Ref 70-535 Architecting Microsoft Azure Solutions* Feb 29 2020 Prepare for Microsoft Exam 70-535—and help demonstrate your real-world mastery of architecting complete cloud solutions on the Microsoft Azure platform. Designed for architects and other cloud professionals ready to advance their status, Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the MCSA level. Focus on the expertise measured by these objectives: Design compute infrastructure Design data implementation Design networking implementation Design security and identity solutions Design solutions by using platform services Design for operations This Microsoft Exam Ref: Organizes its coverage by exam skills Features strategic, what-if scenarios to challenge you Includes DevOps and hybrid technologies and scenarios Assumes you have experience building infrastructure and applications on the Microsoft Azure platform, and understand the services it offers

*Implementing Microsoft Azure Architect Technologies: AZ-303 Exam Prep and Beyond* Nov 19 2021 Microsoft Azure Architect - Exam Guide AZ-303 is a complete guide to mastering topics related to Azure Architect practices. With detailed coverage of concepts and techniques, you'll gain the knowledge and skills required to take and pass the AZ-303 exam and become a Microsoft Azure Architect expert.

**Azure for Architects - Third Edition** Mar 31 2020

*Applied Architecture Patterns on the Microsoft Platform* Jul 24 2019 An in-depth scenario-driven approach to architecting systems using Microsoft technologies with this book and eBook. *Exam Ref 70-534 Architecting Microsoft Azure Solutions* Jan 28 2020 Prepare for Microsoft Exam 70-534--and help demonstrate your real-world mastery of Microsoft Azure solution design and architecture. Designed for experienced IT pros 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: Describe Microsoft Azure infrastructure and networking Help secure resources Design an application storage and data access strategy Design an advanced application Design websites Design a management, monitoring, and business continuity strategy This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you have experience designing Microsoft Azure cloud or hybrid solutions and supporting application life cycle management

Cloud Architecture Patterns Jul 28 2022 Do you need to learn about cloud computing architecture with Microsoft's Azure quickly? Read this book! It gives you just enough info on the

big picture and is filled with key terminology so that you can join the discussion on cloud architecture.

**Exam Ref AZ-300 Microsoft Azure Architect Technologies** Aug 17 2021 Prepare for Microsoft Exam AZ-300--and help demonstrate your real-world mastery of architecting high-value Microsoft Azure solutions for your organization or customers. Designed for modern IT professionals, this Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified Expert level. Focus on the expertise measured by these objectives: Deploy and configure infrastructure Implement workloads and security Create and deploy apps Implement authentication and secure data Develop for the cloud and for Azure storage This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you are an IT professional who wants to demonstrate your ability to design modern Microsoft Azure solutions involving compute, network, storage, and security About the Exam Exam AZ-300 focuses on knowledge needed to analyze resource usage; create and configure storage accounts and VMs; automate VM deployments and implement VM solutions; create and manage virtual networks; manage Azure AD and hybrid identities; migrate servers to Azure; configure serverless computing; implement app load balancing; integrate on-premises and virtual networks; manage RBAC; implement MFA; create web apps with PaaS; design and develop containerized apps; implement authentication and secure data solutions; build solutions with Cosmos DB or RDBMSes; configure message-based integration architecture; and develop for autoscaling. About Microsoft Certification Passing this exam and Exam AZ-301: Microsoft Azure Architect Design fulfills your requirements for the Microsoft Certified: Azure Solutions Architect Expert credential, demonstrating your expertise in compute, network, storage, and security for designing modern cloud-based solutions that run on Microsoft Azure. See full details at: [microsoft.com/learn](https://microsoft.com/learn)

*Architecting Microsoft Azure Solutions Study & Lab Guide Part 2: Exam 70-535* Feb 08 2021 Summary Azure provides Virtual Datacenter in the Cloud. In Azure cloud you get managed resources which don't require skilled manpower for deployment. You can scale up or scale down resources in Virtual Datacenter on demand. You pay for what you use. Whereas on-premises Datacenter requires lot of skilled resources, time and money for deployment and management. On Premises Data Center are also hard to scale up. Architecting Microsoft Azure Solutions Study & Lab Guide Part 2 prepares you for both 70-535 Exam and designing Database & PaaS Solutions in Azure Cloud. Coverage Includes Topic Lesson, Design Case Studies and Lab Exercises. Whether you want to get certified or learn designing Database & PaaS Solutions in Azure Cloud, this Study Guide will help you achieve your objective. Author Harinder Kohli is a Cloud and Virtual Data Center Architect Sample Chapter

<https://app.box.com/s/quqzrxzxn4euc8c10qnmzzlftmeeu4y> Table of Contents Azure SQL Database Azure MySQL and PostgreSQL Azure Web App Mobile Apps Hybrid Applications Azure Analytics Solutions Azure Data Services Azure IOT Solutions Azure Messaging Solutions Azure Serverless Computing Azure Service Fabric Azure Cosmos DB Azure Redis Cache High Performance Computing (HPC) Azure Search Operations Management Suite (OMS) Network Watcher Security Center Monitoring Solutions Azure Automation Case Studies Consolidated  
**Exam Ref AZ-304 Microsoft Azure Architect Design Certification and Beyond** Jul 04 2020 Master the Microsoft Azure platform and prepare for the AZ-304 certification exam by learning the key concepts needed to identify key stakeholder requirements and translate these into robust solutions Key Features\* Build secure and scalable solutions on the Microsoft Azure platform\* Learn how to design solutions that are compliant with customer requirements\* Work with real-world scenarios to become a successful Azure architect, and prepare for the AZ-304 exam Book Description The AZ-304 exam tests an architect's ability to design scalable, reliable, and secure

solutions in Azure based on customer requirements. Exam Ref AZ-304 Microsoft Azure Architect Design Certification and Beyond offers complete, up-to-date coverage of the AZ-304 exam content to help you prepare for it confidently, pass the exam first time, and get ready for real-world challenges. This book will help you to investigate the need for good architectural practices and discover how they address common concerns for cloud-based solutions. You will work through the CloudStack, from identity and access through to infrastructure (IaaS), data, applications, and serverless (PaaS). As you make progress, you will delve into operations including monitoring, resilience, scalability, and disaster recovery. Finally, you'll gain a clear understanding of how these operations fit into the real world with the help of full scenario-based examples throughout the book. By the end of this Azure book, you'll have covered everything you need to pass the AZ-304 certification exam and have a handy desktop reference guide. What you will learn\*

- \* Understand the role of architecture in the cloud
- \* Ensure security through identity, authorization, and governance
- \* Find out how to use infrastructure components such as compute, containerization, networking, and storage accounts
- \* Design scalable applications and databases using web apps, functions, messaging, SQL, and Cosmos DB
- \* Maintain operational health through monitoring, alerting, and backups
- \* Discover how to create repeatable and reliable automated deployments
- \* Understand customer requirements and respond to their changing needs

Who this book is for This book is for Azure Solution Architects who advise stakeholders and help translate business requirements into secure, scalable, and reliable solutions. Junior architects looking to advance their skills in the Cloud will also benefit from this book. Experience with the Azure platform is expected, and a general understanding of development patterns will be advantageous.

Developing Microservices Architecture on Microsoft Azure with Open Source Technologies Mar 12 2021 Developing Microservices Architecture on Azure with Open Source Technologies is a complete, step-by-step guide to building flexible microservices architectures by leveraging services provided by the Microsoft Azure cloud platform, and key open-source technologies such as Java, Node.JS, .NET Core and Angular. Expert Microsoft consultants Ovais Mehboob and Arvind Chandaka guide students step by step through a realistic case study project that illuminates key technical implementation tasks for establishing end to end infrastructure, developing cloud-native applications, automating deployment, and realizing value.

**Exam 70-411 Administering Windows Server 2012** Oct 07 2020 Microsoft Windows Server is a multi-purpose server designed to increase reliability and flexibility of a network infrastructure. Windows Server is the paramount tool used by enterprises in their datacenter and desktop strategy. The most recent versions of Windows Server also provide both server and client virtualization. Its ubiquity in the enterprise results in the need for networking professionals who know how to plan, design, implement, operate, and troubleshoot networks relying on Windows Server. Microsoft Learning is preparing the next round of its Windows Server Certification program with exams covering the new version of the software, Windows Server 2012. The exams and certification path change significantly from the previous version of Windows Server. This provides an opportunity for the MS line to capitalize on the dual disruption of brand-new software and brand-new certifications.

*Briggs* Aug 24 2019 How do you start? How should you build a plan for cloud migration for your entire portfolio? How will your organization be affected by these changes? This book, based on real-world cloud experiences by enterprise IT teams, seeks to provide the answers to these questions. Here, you'll see what makes the cloud so compelling to enterprises; with which applications you should start your cloud journey; how your organization will change, and how skill sets will evolve; how to measure progress; how to think about security, compliance, and business buy-in; and how to exploit the ever-growing feature set that the cloud offers to gain

strategic and competitive advantage.

*Architecting Microsoft Azure Solutions Study & Lab Guide Part 1: Exam 70-535* Apr 12 2021

Summary Azure provides Virtual Datacenter in the Cloud. In Azure cloud you get managed resources which don't require skilled manpower for deployment. You can scale up or scale down resources in Virtual Datacenter on demand. You pay for what you use. Whereas on-premises Datacenter requires lot of skilled resources, time and money for deployment and management. Architecting Microsoft Azure Solutions Study & Lab Guide Part 1 prepares you for both 70-535 Exam and designing Virtual Datacenter in Azure Cloud. Coverage Includes Topic Lesson, Design Case Studies and Lab Exercises. Whether you want to get certified or learn designing & implementing Virtual Datacenter in Azure Cloud, this Study & Lab Guide will help you achieve your objective. Author Harinder Kohli is a Cloud and Virtual Data Center Architect Sample Chapter <https://app.box.com/s/4jrkwl1m2f232wswnpfows2wweh2tuzyg> Table of Contents Virtual Network Azure Compute Storage Accounts Azure Storage Virtual Machine Scale Set Azure Backup Azure Site Recovery Containers Load Balancing Virtual Networks External Connectivity Azure AD Azure AD Identity Providers Protecting Azure Resources with Azure AD Azure Key Vault Azure CDN Azure Media Services Resource Groups, Tags & Locks Azure Global Infrastructure Case Studies Consolidated

**Exam Ref 70-533 Implementing Microsoft Azure Infrastructure Solutions** Nov 07 2020

Prepare for the newest versions of Microsoft Exam 70-533—and help demonstrate your real-world mastery of implementing Microsoft Azure Infrastructure as a Service (IaaS). Designed for experienced IT professionals ready to advance their status, Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the MCSA level. Focus on the expertise measured by these objectives: Design and implement Azure App Service Apps Create and manage compute resources, and implement containers Design and implement a storage strategy, including storage encryption Implement virtual networks, including new techniques for hybrid connections Design and deploy ARM Templates Manage Azure security and Recovery Services Manage Azure operations, including automation and data analysis Manage identities with Azure AD Connect Health, Azure AD Domain Services, and Azure AD single sign on This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you are an IT professional with experience implementing and monitoring cloud and hybrid solutions and/or supporting application lifecycle management This book covers the 533 objectives as of December 2017. If there are updates for this book, you will find them at <https://aka.ms/examref5332E/errata>. About the Exam Exam 70-533 focuses on skills and knowledge for provisioning and managing services in Microsoft Azure, including: implementing infrastructure components such as virtual networks, virtual machines, containers, web and mobile apps, and storage; planning and managing Azure AD, and configuring Azure AD integration with on-premises Active Directory domains. About Microsoft Certification Passing this exam helps qualify you for MCSA: Cloud Platform Microsoft Certified Solutions Associate certification, demonstrating your expertise in applying Microsoft cloud technologies to reduce costs and deliver value. To earn this certification, you must also pass any one of the following exams: 70-532 Developing Microsoft Azure Solutions, or 70-534 Architecting Microsoft Azure Solutions, or 70-535, Architecting Microsoft Azure Solutions, or 70-537: Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack.

*Azure Strategy and Implementation Guide* Jun 22 2019 Learn Azure's cloud capabilities with the help of this introductory guide to employing Azure for your cloud infrastructure needs. Key FeaturesGet a clear overview of Azure's capabilities and benefits, and learn how to get started efficientlyDevelop the ability to opt for cloud architecture and design that best fits your organizationLeverage Azure opportunities for cost savings and optimizationBook Description

Microsoft Azure is a powerful cloud computing platform that offers a multitude of services and capabilities for organizations of any size moving to a cloud strategy. *Azure Strategy and Implementation Guide Third Edition* encapsulates the entire spectrum of measures involved in Azure deployment that includes understanding Azure fundamentals, choosing a suitable cloud architecture, building on design principles, becoming familiar with Azure DevOps, and learning best practices for optimization and management. The book begins by introducing you to the Azure cloud platform and demonstrating the substantial scope of digital transformation and innovation that can be achieved by leveraging Azure's capabilities. The guide further acquaints you with practical insights on application modernization, Azure Infrastructure as a Service (IaaS) deployment, infrastructure management, key application architectures, best practices of Azure DevOps, and Azure automation. By the end of this book, you will be proficient in driving Azure operations right from the planning and cloud migration stage to cost management and troubleshooting. What you will learn

Deploy and run Azure infrastructure services  
Carry out detailed planning for migrating applications to the cloud with Azure  
Move underlying code class structure into a serverless model  
Use a gateway to isolate your services and applications  
Define roles and responsibilities in DevOps  
Implement release & deployment coordination and automation

Who this book is for

*Azure Strategy and Implementation Guide Third Edition* is designed to benefit Azure architects, cloud solution architects, Azure developers, Azure administrators, and anyone who wants to develop an expertise in operating and administering the Azure cloud. A basic familiarity with operating systems and databases will help you grasp the concepts covered in this book.

**Architecting Microsoft Azure Solutions** Oct 31 2022 Microsoft Exam 70-534 is for candidates who are experienced in architecting solutions in Microsoft Azure. Candidates have experience designing cloud and hybrid solutions as well as supporting application lifecycle management. The Exam Ref is the official study guide for Microsoft certification exams. Featuring concise, objective-by-objective reviews and strategic case scenarios and Thought Experiments, exam candidates get professional-level preparation for the exam. The Exam Ref helps candidates maximize their performance on the exam and sharpen their job-role skills. It organizes material by the exam's objective domains.

Microsoft Azure Architect Technologies: Exam Guide AZ-300 Mar 24 2022 Become a certified Azure Architect and learn to design effective solutions that span compute, security, networking, and development

Key Features

Learn to successfully design and architect powerful 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.

*Azure for Architects* Apr 24 2022 Your one stop guide to making the most out of Azure Cloud

About This Book Get familiar with the different design patterns available in Microsoft Azure

- Develop Azure cloud architecture and a pipeline management system
- Get to know the security best practices for your Azure deployment
- Who This Book Is For If you are Cloud Architects, DevOps Engineers, or developers who want to learn key architectural aspects of the Azure Cloud platform, then this book is for you. Prior basic knowledge of the Azure Cloud platform is good to have.

What You Will Learn

- Familiarize yourself with the components of the Azure Cloud platform
- Understand the cloud design patterns
- Use enterprise security guidelines for your Azure deployment
- Design and implement Serverless solutions
- See Cloud architecture and the deployment pipeline
- Understand cost management for Azure solutions

In Detail Over the years, Azure cloud services has grown quickly, and the number of organizations adopting Azure for their cloud services is also gradually increasing. Leading industry giants are finding that Azure fulfills their extensive cloud requirements. This book will guide you through all the important and tough decision-making aspects involved in architecting a Azure public cloud for your organization. The book starts with an extensive introduction to all the categories of designs available with Azure. These design patterns focus on different aspects of cloud such as high availability, data management, and so on. Gradually, we move on to various aspects such as building your cloud structure and architecture. It will also include a brief description about different types of services provided by Azure, such as Azure functions and Azure Analytics, which can prove beneficial for an organization. This book will cover each and every aspect and function required to develop a Azure cloud based on your organizational requirements. By the end of this book, you will be in a position to develop a full-fledged Azure cloud.

Style and approach This hands-on guide to the Azure Cloud platform covers different architectural concepts and implementations necessary for any enterprise scale deployment.

*Clean Architecture* Jun 14 2021 Practical Software Architecture Solutions from the Legendary Robert C. Martin (“Uncle Bob”) By applying universal rules of software architecture, you can dramatically improve developer productivity throughout the life of any software system. Now, building upon the success of his best-selling books *Clean Code* and *The Clean Coder*, legendary software craftsman Robert C. Martin (“Uncle Bob”) reveals those rules and helps you apply them. Martin’s *Clean Architecture* doesn’t merely present options. Drawing on over a half-century of experience in software environments of every imaginable type, Martin tells you what choices to make and why they are critical to your success. As you’ve come to expect from Uncle Bob, this book is packed with direct, no-nonsense solutions for the real challenges you’ll face—the ones that will make or break your projects. Learn what software architects need to achieve—and core disciplines and practices for achieving it

Master essential software design principles for addressing function, component separation, and data management

See how

programming paradigms impose discipline by restricting what developers can do Understand what's critically important and what's merely a "detail" Implement optimal, high-level structures for web, database, thick-client, console, and embedded applications Define appropriate boundaries and layers, and organize components and services See why designs and architectures go wrong, and how to prevent (or fix) these failures Clean Architecture is essential reading for every current or aspiring software architect, systems analyst, system designer, and software manager—and for every programmer who must execute someone else's designs. Register your product for convenient access to downloads, updates, and/or corrections as they become available.

Exam Ref 70-532 Developing Microsoft Azure Solutions Aug 05 2020 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 - Exam Guide 70-535* Aug 29 2022 Get certified as an Azure architect by acing the 70-535 Architecting Microsoft Solutions (70-535) exam using this comprehensive guide with full coverage of the exam objectives Key Features Learn to successfully design and architect powerful solutions on the Azure Cloud platform Enhance your skills with mock tests and practice questions A detailed certification guide that will help you ace the 70-535 exam with confidence Book Description Architecting Microsoft Azure Solutions: Exam Guide 70-535 will get Azure architects and developers up-to-date with the latest updates on Azure from an architecture and design perspective. The book includes all the topics that are still relevant from the previous 70-534 exam, and is updated with latest topics covered, including Artificial Intelligence, IoT, and architecture styles. This exam guide is divided into six parts, where the first part will give you a good understanding of how to design a compute infrastructure. It also dives into designing networking and data implementations. You will learn about designing solutions for Platform Service and operations. Next, you will be able to secure your resources and data, as well as design a mechanism for governance and policies. You will also understand the objective of designing solutions for Platform Services, by covering Artificial Intelligence, IoT, media services, and messaging solution concepts. Finally, you will cover the designing for operations objective. This objective covers application and platform monitoring, as well as designing alerting strategies and operations automation strategies. By the end of the book, you'll have met all of the exam objectives, and will have all the information you need to ace the

70-535 exam. You will also have become an expert in designing solutions on Microsoft Azure. What you will learn Use Azure Virtual Machines to design effective VM deployments Implement architecture styles, like serverless computing and microservices Secure your data using different security features and design effective security strategies Design Azure storage solutions using various storage features Create identity management solutions for your applications and resources Architect state-of-the-art solutions using Artificial Intelligence, IoT, and Azure Media Services Use different automation solutions that are incorporated in the Azure platform Who this book is for This book is for architects and experienced developers, who are gearing up for the 70-535 exam. Technical architects interested in learning more about designing Cloud solutions will also find this book useful.

Azure for Architects Jun 02 2020 Your one stop guide to making the most out of Azure Cloud>About This Book\* Get familiar with the different design patterns available in Microsoft Azure\* Develop Azure cloud architecture and a pipeline management system\* Get to know the security best practices for your Azure deploymentWho This Book Is ForIf you are Cloud Architects, DevOps Engineers, or developers who want to learn key architectural aspects of the Azure Cloud platform, then this book is for you. Prior basic knowledge of the Azure Cloud platform is good to have.What You Will Learn\* Familiarize yourself with the components of the Azure Cloud platform\* Understand the cloud design patterns\* Use enterprise security guidelines for your Azure deployment\* Design and implement Serverless solutions\* See Cloud architecture and the deployment pipeline\* Understand cost management for Azure solutionsIn DetailOver the years, Azure cloud services has grown quickly, and the number of organizations adopting Azure for their cloud services is also gradually increasing. Leading industry giants are finding that Azure fulfills their extensive cloud requirements.This book will guide you through all the important and tough decision-making aspects involved in architecting a Azure public cloud for your organization. The book starts with an extensive introduction to all the categories of designs available with Azure. These design patterns focus on different aspects of cloud such as high availability, data management, and so on.Gradually, we move on to various aspects such as building your cloud structure and architecture. It will also include a brief description about different types of services provided by Azure, such as Azure functions and Azure Analytics, which can prove beneficial for an organization. This book will cover each and every aspect and function required to develop a Azure cloud based on your organizational requirements.By the end of this book, you will be in a position to develop a full-fledged Azure cloud.Style and approachThis hands-on guide to the Azure Cloud platform covers different architectural concepts and implementations necessary for any enterprise scale deployment.

**Microsoft Azure Infrastructure Services for Architects** Jan 10 2021 An expert guide for IT administrators needing to create and manage a public cloud and virtual network using Microsoft Azure With Microsoft Azure challenging Amazon Web Services (AWS) for market share, there has been no better time for IT professionals to broaden and expand their knowledge of Microsoft's flagship virtualization and cloud computing service. Microsoft Azure Infrastructure Services for Architects: Designing Cloud Solutions helps readers develop the skills required to understand the capabilities of Microsoft Azure for Infrastructure Services and implement a public cloud to achieve full virtualization of data, both on and off premise. Microsoft Azure provides granular control in choosing core infrastructure components, enabling IT administrators to deploy new Windows Server and Linux virtual machines, adjust usage as requirements change, and scale to meet the infrastructure needs of their entire organization. This accurate, authoritative book covers topics including IaaS cost and options, customizing VM storage, enabling external connectivity to Azure virtual machines, extending Azure Active Directory, replicating and backing up to Azure, disaster recovery, and much more. New users and experienced

professionals alike will: Get expert guidance on understanding, evaluating, deploying, and maintaining Microsoft Azure environments from Microsoft MVP and technical specialist John Savill Develop the skills to set up cloud-based virtual machines, deploy web servers, configure hosted data stores, and use other key Azure technologies Understand how to design and implement serverless and hybrid solutions Learn to use enterprise security guidelines for Azure deployment Offering the most up to date information and practical advice, Microsoft Azure Infrastructure Services for Architects: Designing Cloud Solutions is an essential resource for IT administrators, consultants and engineers responsible for learning, designing, implementing, managing, and maintaining Microsoft virtualization and cloud technologies.

**Microsoft Azure Architect Technologies and Design Complete Study Guide** May 26 2022 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.

*Designing Distributed Systems* Nov 27 2019 Without established design patterns to guide them, developers have had to build distributed systems from scratch, and most of these systems are very unique indeed. Today, the increasing use of containers has paved the way for core distributed system patterns and reusable containerized components. This practical guide presents a collection of repeatable, generic patterns to help make the development of reliable distributed systems far more approachable and efficient. Author Brendan Burns—Director of Engineering at Microsoft Azure—demonstrates how you can adapt existing software design patterns for designing and building reliable distributed applications. Systems engineers and application developers will learn how these long-established patterns provide a common language and framework for dramatically increasing the quality of your system. Understand how patterns and reusable components enable the rapid development of reliable distributed systems Use the sidecar, adapter, and ambassador patterns to split your application into a group of containers on a single machine Explore loosely coupled multi-node distributed patterns for replication, scaling, and communication between the components Learn distributed system patterns for large-scale batch data processing covering work-queues, event-based processing, and coordinated workflows

*Architecting Microsoft Azure Solutions – Exam Guide 70-535* Sep 29 2022 Get certified as an Azure architect by acing the 70-535 Architecting Microsoft Solutions (70-535) exam using this comprehensive guide with full coverage of the exam objectives Key Features Learn to successfully design and architect powerful solutions on the Azure Cloud platform Enhance your skills with mock tests and practice questions A detailed certification guide that will help you ace the 70-535 exam with confidence Book Description Architecting Microsoft Azure Solutions: Exam Guide 70-535 will get Azure architects and developers up-to-date with the latest updates on Azure from an architecture and design perspective. The book includes all the topics that are still relevant from the previous 70-534 exam, and is updated with latest topics covered, including Artificial Intelligence, IoT, and architecture styles. This exam guide is divided into six parts, where the first part will give you a good understanding of how to design a compute

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The Azure Cloud Native Architecture Mapbook Dec 21 2021 Improve your Azure architecture practice and set out on a cloud and cloud-native journey with this Azure cloud native architecture guide Key Features Discover the key drivers of successful Azure architecture Implement architecture maps as a compass to tackle any challenge Understand architecture maps in detail with the help of practical use cases Book Description Azure offers a wide range of services that enable a million ways to architect your solutions. Complete with original maps and expert analysis, this book will help you to explore Azure and choose the best solutions for your unique requirements. Starting with the key aspects of architecture, this book shows you how to map different architectural perspectives and covers a variety of use cases for each architectural discipline. You'll get acquainted with the basic cloud vocabulary and learn which strategic aspects to consider for a successful cloud journey. As you advance through the chapters, you'll understand technical considerations from the perspective of a solutions architect. You'll then explore infrastructure aspects, such as network, disaster recovery, and high availability, and leverage Infrastructure as Code (IaC) through ARM templates, Bicep, and Terraform. The book also guides you through cloud design patterns, distributed architecture, and ecosystem solutions, such as Dapr, from an application architect's perspective. You'll work with both traditional (ETL and OLAP) and modern data practices (big data and advanced analytics) in the cloud and finally get to grips with cloud native security. By the end of this book, you'll have picked up best practices and more rounded knowledge of the different architectural perspectives. What You Will Learn Gain overarching architectural knowledge of the Microsoft Azure cloud platform Explore the possibilities of building a full Azure solution by considering different architectural perspectives Implement best practices for architecting and deploying Azure infrastructure Review different patterns for building a distributed application with ecosystem frameworks and solutions Get to grips with cloud-native concepts using containerized workloads Work with AKS (Azure Kubernetes Service) and use it with service mesh technologies to design a microservices hosting platform Who this Book is for ?This book is for aspiring Azure Architects or anyone who specializes in security, infrastructure, data, and application architecture. If you are a developer or infrastructure engineer looking to enhance your Azure knowledge, you'll find this book useful.

**Migrating Applications to the Cloud with Azure** Dec 29 2019 Modernize your apps with Microsoft Azure by moving web, desktop, and mobile apps to the cloud Key Features Decide

which migration strategy is most suitable for your organization and create a migration roadmap. Move existing infrastructure to Azure and learn strategies to reduce cost, increase storage, and improve ROI. Design secure, scalable, and cost-effective solutions with the help of practical examples. **Book Description** Whether you are trying to re-architect a legacy app or build a cloud-ready app from scratch, using the Azure ecosystem with .NET and Java technologies helps you to strategize and plan your app modernization process effectively. With this book, you'll learn how to modernize your applications by using Azure for containerization, DevOps, microservices, and serverless solutions to reduce development time and costs, while also making your applications robust, secure, and scalable. You will delve into improving application efficiency by using container services such as Azure Container Service, Azure Kubernetes Service (AKS), and more. Next, you will learn to modernize your application by implementing DevOps throughout your application development life cycle. You will then focus on increasing the scalability and performance of your overall application with microservices, before learning how to add extra functionality to your application with Azure serverless solutions. Finally, you'll get up to speed with monitoring and troubleshooting techniques. By the end of this book, you will have learned how to use the Azure ecosystem to refactor, re-architect, and rebuild your web, mobile, and desktop applications. What you will learn Use DevOps and containerization technologies to modernize your applications and infrastructure Build microservices using Azure Service Fabric Develop scalable applications using Azure Functions Manage and deploy your application code and database connectivity Secure and monitor your applications in Azure effectively Design for high availability and disaster recovery Who this book is for This book is for .NET and Java developers who want to modernize their applications using Azure. Solution architects and experienced developers interested in modernizing legacy applications using Azure will also find this book useful. Some prior understanding of cloud computing concepts will be beneficial. **Exam Ref AZ-304 Microsoft Azure Architect Design** Sep 17 2021 Exam Ref AZ-304 Microsoft Azure Architect Design offers professional-level preparation that helps candidates maximize their exam performance and sharpen their skills on the job. It focuses on specific areas of expertise modern IT professionals need to demonstrate real-world mastery of designing architecting high-value, real-world Azure cloud applications. Coverage includes designing monitoring, identity and security, data storage, business continuity, and infrastructure. **Microsoft Application Architecture Guide** Jan 22 2022 Get the definitive guide on designing applications on the Microsoft application platform—straight from the Microsoft patterns & practices team. Learn how to choose the most appropriate architecture and the best implementation technologies that the Microsoft application platform offers applications developers. Get critical design recommendations and guidelines organized by application type—from Web, mobile, and rich Internet applications to Office Business Applications. You'll also get links to additional technical resources that can help with your application development.