

azure workbooks arm template

azure workbooks arm template are powerful tools that streamline the management and visualization of data within Microsoft Azure. This article aims to provide a comprehensive overview of Azure Workbooks, exploring their capabilities, the importance of ARM (Azure Resource Manager) templates, and how they can be effectively utilized together. We will delve into the benefits of using Azure Workbooks, the process of creating an ARM template for them, and best practices for implementation. Furthermore, we will discuss common use cases and end with a thorough FAQ section to address potential queries about Azure Workbooks and ARM templates.

- Introduction to Azure Workbooks
- Understanding ARM Templates
- Benefits of Using Azure Workbooks with ARM Templates
- Creating an Azure Workbooks ARM Template
- Best Practices for Azure Workbooks and ARM Templates
- Common Use Cases for Azure Workbooks
- Conclusion
- FAQ

Introduction to Azure Workbooks

Azure Workbooks are versatile tools designed for data visualization and reporting in Azure environments. They allow users to create interactive reports that pull data from various Azure services, making it easier to analyze and present information effectively. Workbooks can be customized with a variety of data sources, including Azure Monitor, Application Insights, and Log Analytics. This flexibility enables organizations to tailor their reports according to specific needs and preferences.

One of the significant advantages of Azure Workbooks is their integration with ARM templates. ARM templates are JSON files that define the infrastructure and configuration for Azure resources. By using ARM templates to deploy Azure Workbooks, organizations can ensure consistency, repeatability, and version control of their reporting solutions. This integration simplifies the management of resources and enhances collaboration among teams, especially in environments where multiple stakeholders are involved.

Understanding ARM Templates

ARM templates are a core component of the Azure ecosystem, providing a declarative way to manage and provision Azure resources. These templates enable users to define the desired state of their Azure resources, including virtual machines, storage accounts, networks, and more, in a single file. The use of ARM templates offers several advantages:

- **Infrastructure as Code:** ARM templates promote the practice of Infrastructure as Code (IaC), allowing teams to manage resources through code, ensuring consistency and reducing human error.
- **Version Control:** Since ARM templates are JSON files, they can be easily versioned using source control systems, facilitating collaboration and tracking changes over time.
- **Resource Dependencies:** ARM templates manage resource dependencies automatically, ensuring that resources are created in the correct order and minimizing deployment failures.
- **Repeatability:** Organizations can deploy the same environment multiple times using the same ARM template, which is especially useful for testing and development scenarios.

Benefits of Using Azure Workbooks with ARM Templates

Combining Azure Workbooks with ARM templates provides numerous benefits that enhance the overall effectiveness of data visualization and reporting within Azure.

Enhanced Automation

Using ARM templates to deploy Azure Workbooks automates the provisioning process, reducing the time and effort required to set up reports. This automation is crucial for teams that need to deploy multiple workbooks across different environments or subscriptions.

Consistency Across Deployments

ARM templates ensure that Azure Workbooks are deployed consistently across various environments. This uniformity is vital for organizations that have multiple teams working on similar projects, as it eliminates discrepancies that can arise from manual configurations.

Improved Collaboration

When Azure Workbooks are defined in ARM templates, teams can collaborate more effectively. Changes to workbooks can be tracked through version control, allowing team members to discuss

modifications and review histories, which enhances transparency and accountability.

Creating an Azure Workbooks ARM Template

Creating an ARM template for Azure Workbooks involves defining the necessary resources and configurations in a JSON format. Below are the primary steps involved in creating an ARM template for Azure Workbooks:

Step 1: Define the Schema

The first step in creating an ARM template is to define the schema. This specifies the version of the template language and includes metadata about the template.

Step 2: Specify Parameters

Parameters allow users to customize the deployment of the Azure Workbooks. Common parameters might include the workbook name, resource group, and data sources.

Step 3: Declare Resources

In this section, you will define the Azure Workbook as a resource within the template. This includes specifying the type, API version, and properties such as the JSON content of the workbook.

Step 4: Outputs

Finally, define outputs to provide useful information after the deployment, such as the URL to access the Azure Workbook.

Best Practices for Azure Workbooks and ARM Templates

To maximize the effectiveness of Azure Workbooks and ARM templates, consider the following best practices:

- **Keep Templates Modular:** Break down large templates into smaller, modular templates to improve readability and manageability.
- **Use Naming Conventions:** Establish consistent naming conventions for resources to enhance clarity and organization.
- **Document Your Templates:** Include comments and documentation within your ARM

templates to explain the purpose of parameters and resources.

- **Test Changes in a Sandbox:** Always test changes in a non-production environment before deploying to production to avoid disruptions.

Common Use Cases for Azure Workbooks

Azure Workbooks can be applied in various scenarios, making them invaluable tools for data visualization and reporting. Some common use cases include:

- **Monitoring Azure Resources:** Create workbooks that visualize the performance and health of Azure resources, enabling proactive management.
- **Application Performance Insights:** Use Azure Workbooks to analyze application performance metrics from Application Insights, providing insights into user behavior and application efficiency.
- **Cost Management:** Develop workbooks that track Azure spending over time, allowing organizations to manage their budgets effectively.
- **Security and Compliance Reporting:** Implement Azure Workbooks to monitor security alerts and compliance metrics, aiding in governance and risk management.

Conclusion

Azure Workbooks ARM templates represent a powerful combination that enhances the management, automation, and visualization of data within Azure environments. By leveraging the strengths of both Workbooks and ARM templates, organizations can create robust reporting solutions that drive insights and foster collaboration. In a rapidly evolving cloud landscape, mastering these tools is essential for organizations aiming to stay competitive and informed.

FAQ

Q: What is an Azure Workbook?

A: An Azure Workbook is a flexible tool used to visualize and analyze data from various Azure services. It allows users to create interactive reports and dashboards that can combine multiple data sources and visual elements.

Q: How do ARM templates work with Azure Workbooks?

A: ARM templates define the infrastructure and settings for Azure resources, including Azure Workbooks. By using ARM templates, users can automate the deployment of workbooks, ensuring consistency and repeatability across environments.

Q: Can I customize Azure Workbooks after deployment?

A: Yes, Azure Workbooks are highly customizable. Users can modify the visualizations, data sources, and layout after deployment directly through the Azure portal.

Q: What are the advantages of using ARM templates for Azure Workbooks?

A: The advantages include enhanced automation, consistent deployments, improved collaboration among teams, and the ability to version control workbook configurations.

Q: Are Azure Workbooks suitable for real-time data analysis?

A: Yes, Azure Workbooks can be configured to display real-time data from services like Azure Monitor, making them suitable for scenarios requiring immediate insights.

Q: How can I share Azure Workbooks with my team?

A: Azure Workbooks can be shared with team members by granting appropriate access permissions within the Azure portal, allowing multiple users to view or edit the workbooks.

Q: What types of data sources can Azure Workbooks connect to?

A: Azure Workbooks can connect to a variety of data sources, including Azure Monitor, Log Analytics, Application Insights, and custom data sources through Azure Data Explorer.

Q: Is there any cost associated with using Azure Workbooks?

A: Azure Workbooks themselves do not have a specific cost; however, there may be charges associated with the underlying services and resources that the workbooks use to retrieve and visualize data.

Q: Can I automate the deployment of Azure Workbooks?

A: Yes, by using ARM templates, you can automate the deployment of Azure Workbooks, enabling consistent and repeatable setups across different environments.

Q: What is the best way to learn about Azure Workbooks and ARM templates?

A: The best way to learn about Azure Workbooks and ARM templates is through Microsoft's official documentation, online tutorials, and practical hands-on experience in the Azure portal.

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azure workbooks arm template: *The Art of Site Reliability Engineering (SRE) with Azure* Unai Huete Beloki, 2025-08-30 Gain a foundational understanding of SRE and learn its basic concepts and architectural best practices for deploying Azure IaaS, PaaS, and microservices-based resilient architectures. The new edition of the book has been updated with the latest Azure features for

high-availability in storage, networking, and virtual machine computing. It also includes new updates in Azure SQL, Cosmos DB, and Azure Load Testing. Additionally, the integration of agents with Microsoft services has been covered in this revised edition. After reading this book, you will understand the underlying concepts of SRE and its implementation using Azure public cloud. What You Will Learn: Learn SRE definitions and metrics like SLI/SLO/SLA, Error Budget, toil, MTTR, MTTF, and MTBF Understand Azure Well-Architected Framework (WAF) and Disaster Recovery scenarios on Azure Understand resiliency and how to design resilient solutions in Azure for different architecture types and services Master core DevOps concepts and the difference between SRE and tools like Azure DevOps and GitHub Utilize Azure observability tools like Azure Monitor, Application Insights, KQL or Grafana Who Is This Book For: IT operations administrators, engineers, security team members, as well as developers or DevOps engineers.

azure workbooks arm template: Microsoft Sentinel in Action Richard Diver, Gary Bushey, John Perkins, 2022-02-10 Learn how to set up, configure, and use Microsoft Sentinel to provide security incident and event management services for your multi-cloud environment Key FeaturesCollect, normalize, and analyze security information from multiple data sourcesIntegrate AI, machine learning, built-in and custom threat analyses, and automation to build optimal security solutionsDetect and investigate possible security breaches to tackle complex and advanced cyber threatsBook Description Microsoft Sentinel is a security information and event management (SIEM) tool developed by Microsoft that helps you integrate cloud security and artificial intelligence (AI). This book will teach you how to implement Microsoft Sentinel and understand how it can help detect security incidents in your environment with integrated AI, threat analysis, and built-in and community-driven logic. The first part of this book will introduce you to Microsoft Sentinel and Log Analytics, then move on to understanding data collection and management, as well as how to create effective Microsoft Sentinel queries to detect anomalous behaviors and activity patterns. The next part will focus on useful features, such as entity behavior analytics and Microsoft Sentinel playbooks, along with exploring the new bi-directional connector for ServiceNow. In the next part, you'll be learning how to develop solutions that automate responses needed to handle security incidents and find out more about the latest developments in security, techniques to enhance your cloud security architecture, and explore how you can contribute to the security community. By the end of this book, you'll have learned how to implement Microsoft Sentinel to fit your needs and protect your environment from cyber threats and other security issues. What you will learnImplement Log Analytics and enable Microsoft Sentinel and data ingestion from multiple sourcesTackle Kusto Query Language (KQL) codingDiscover how to carry out threat hunting activities in Microsoft SentinelConnect Microsoft Sentinel to ServiceNow for automated ticketingFind out how to detect threats and create automated responses for immediate resolutionUse triggers and actions with Microsoft Sentinel playbooks to perform automationsWho this book is for You'll get the most out of this book if you have a good grasp on other Microsoft security products and Azure, and are now looking to expand your knowledge to incorporate Microsoft Sentinel. Security experts who use an alternative SIEM tool and want to adopt Microsoft Sentinel as an additional or a replacement service will also find this book useful.

azure workbooks arm template: Cloud Native Security Cookbook Josh Armitage, 2022-04-21 With the rise of the cloud, every aspect of IT has been shaken to its core. The fundamentals for building systems are changing, and although many of the principles that underpin security still ring true, their implementation has become unrecognizable. This practical book provides recipes for AWS, Azure, and GCP to help you enhance the security of your own cloud native systems. Based on his hard-earned experience working with some of the world's biggest enterprises and rapidly iterating startups, consultant Josh Armitage covers the trade-offs that security professionals, developers, and infrastructure gurus need to make when working with different cloud providers. Each recipe discusses these inherent compromises, as well as where clouds have similarities and where they're fundamentally different. Learn how the cloud provides security superior to what was achievable in an on-premises world Understand the principles and mental models that enable you to

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azure workbooks arm template: Exam Ref AZ-303 Microsoft Azure Architect Technologies Timothy L. Warner, Mike Pfeiffer, Derek Schauland, Nicole Stevens, Gurvinder Singh, 2020-12-09 Prepare for Microsoft Exam AZ-303—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:

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- Implement management and security solutions
- Implement solutions for apps
- Implement and manage data platforms

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networks with on-premises networks; implement and manage Azure governance solutions; manage Role-Based Access Control; implement application infrastructure and container-based apps; implement NoSQL and Azure SQL databases; and implement Azure SQL database managed instances. About Microsoft Certification Passing this exam and Exam AZ-304: 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 and implementing modern cloudbased solutions that run on Microsoft Azure. See full details at: microsoft.com/learn

azure workbooks arm template: *Microsoft Azure Network Security* Nicholas DiCola, Anthony Roman, 2021-05-12 Master a complete strategy for protecting any Azure cloud network environment! Network security is crucial to safely deploying and managing Azure cloud resources in any environment. Now, two of Microsoft's leading experts present a comprehensive, cloud-native approach to protecting your network, and safeguarding all your Azure systems and assets. Nicholas DiCola and Anthony Roman begin with a thoughtful overview of network security's role in the cloud. Next, they offer practical, real-world guidance on deploying cloud-native solutions for firewalling, DDOS, WAF, and other foundational services – all within a best-practice secure network architecture based on proven design patterns. Two of Microsoft's leading Azure network security experts show how to: Review Azure components and services for securing network infrastructure, and the threats to consider in using them Layer cloud security into a Zero Trust approach that helps limit or contain attacks Centrally direct and inspect traffic with the managed, stateful, Platform-as-a-Service Azure Firewall Improve visibility into Azure traffic with Deep Packet Inspection Optimize the way network and web application security work together Use Azure DDoS Protection (Basic and Standard) to mitigate Layer 3 (volumetric) and Layer 4 (protocol) DDoS attacks Enable log collection for Firewall, DDOS, WAF, and Bastion; and configure NSG Flow Logs and Traffic Analytics Continually monitor network security with Azure Sentinel, Security Center, and Network Watcher Customize queries, playbooks, workbooks, and alerts when Azure's robust out-of-the-box alerts and tools aren't enough Build and maintain secure architecture designs that scale smoothly to handle growing complexity About This Book For Security Operations (SecOps) analysts, cybersecurity/information security professionals, network security engineers, and other IT professionals For individuals with security responsibilities in any Azure environment, no matter how large, small, simple, or complex

azure workbooks arm template: *Azure Infrastructure as Code* Henry Been, Erwin Staal, Eduard Keiholz, 2022-08-30 Master ARM templates, Bicep, and other Azure Infrastructure-as-Code tools, techniques, and practices to build infrastructure on the Azure cloud. In Azure Infrastructure as Code you will learn how to: Create reusable infrastructure templates using advanced features of the ARM (Azure Resource Manager) syntax Write templates with the Azure Bicep domain-specific language (DSL) Test ARM and Bicep templates Deploy templates using deployment pipelines Guarantee repeated outcomes when you reuse templates to replicate infrastructure Share templates between teams Provision templates to provide standards and Azure Policy to enforce them Orchestrate complex deployments using Azure DevOps and GitHub Actions Pre-provision environments for other teams with deployment stacks Azure Infrastructure as Code teaches you to use Azure's native infrastructure as code (IaC) tools, like ARM and Bicep, to build, manage, and scale infrastructure with just a few lines of code. You'll discover ARM templates, deployment stacks, and the powerful new language Bicep. See how easy they make it to create new environments, safely make infrastructure changes, govern your resources using Azure Policy, and prevent configuration drift. Loaded with in-depth coverage of syntax and lots of illustrative examples, this hands-on guide is a must-read for anyone looking to expand their knowledge of provisioning. About the technology Automating tasks like provisioning servers, operating systems, and storage, saves time and radically increases consistency. The Infrastructure as Code (IaC) approach brings the tools and practices of application deployment, such as Github Actions, automated testing, and pipeline-driven deployments, to infrastructure components. With Azure's native IaC tools, you can create whole new infrastructures with just a few lines of code using declarative specifications and an intuitive

domain-specific language. About the book Azure Infrastructure as Code shows you how to manage and automate your infrastructure using Azure's IaC tools. In this practical guide, you'll discover how to set up Azure Resource Manager (ARM) templates and to script infrastructure creation using the Bicep DSL. You'll also explore advanced topics such as testing, reusing templates, and defining policies as code. You'll even build a complete CI/CD pipeline that can orchestrate a complex infrastructure deployment across multiple regions. What's inside Create reusable infrastructure templates Write templates with the Azure Bicep domain-specific language Deploy templates using deployment pipelines Share templates between teams About the reader For operations, infrastructure, or software engineers with some Azure experience. About the author Henry Been is a freelance DevOps and Azure architect and consultant. Erwin Staal is an Azure architect and DevOps consultant. Eduard Keilholz is a cloud solution architect. Table of Contents PART 1 INTRODUCTION 1 Infrastructure as Code 2 Writing your first ARM template PART 2 TAKING IT UP A NOTCH 3 Writing ARM templates 4 Deploying ARM templates 5 Writing advanced ARM templates 6 Simplifying ARM templates using the Bicep DSL 7 Complex deployments using Azure DevOps 8 Complex deployments using GitHub Actions 9 Testing ARM templates PART 3 ADVANCED TOPICS 10 Template specs and Bicep registries: Building a repository of templates 11 Using deployment stacks for grouping resources 12 Governing your subscriptions using Azure Policy 13 Case studies

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azure workbooks arm template: Mastering the Art of Cloud Computing with Azure: Unraveling the Secrets of Expert-Level Programming Steve Jones, 2025-02-19 Mastering the Art of Cloud Computing with Azure: Unraveling the Secrets of Expert-Level Programming is an indispensable resource for seasoned IT professionals and developers seeking to deepen their expertise in Microsoft's cloud platform. This comprehensive guide tackles the advanced aspects of Azure, emphasizing practical skills and in-depth knowledge needed to harness its full potential.

From architecting resilient cloud-based solutions to implementing sophisticated security measures, each chapter is meticulously crafted to build on foundational concepts, empowering readers to excel in dynamic cloud environments. The book covers a broad spectrum of essential topics, including high-performance computing, advanced networking, and the intricacies of serverless computing with Azure Functions. Professionals will benefit from detailed discussions on leveraging Azure's Cognitive Services for AI and machine learning, seamlessly integrating DevOps for continuous integration and delivery, and mastering cost management techniques for efficient resource utilization. These insights, combined with real-world applications, offer readers the opportunity to implement cutting-edge strategies in their own cloud projects, ensuring they are well-equipped to tackle any challenge. Written in an elegant and professional style, *Mastering the Art of Cloud Computing with Azure* stands out as a valuable asset in the rapidly evolving tech landscape. By providing expert-level guidance and a strategic approach to Azure's ecosystem, this book not only enhances the reader's technical prowess but also fosters innovation and efficiency within organizations. Whether enhancing existing architectures or embarking on new cloud initiatives, readers will find the tools and knowledge required to make informed, impactful decisions, solidifying their position as leaders in cloud technology.

azure workbooks arm template: Mastering Azure Security Arnav Sharma, 2025-09-30

DESCRIPTION The adoption of the Cloud brings many security challenges. Securing identities, data, and workloads while trying to stay on the right side of compliance regulations has become a priority for organizations. *Mastering Azure Security* is your essential handbook for defending applications and data against a complex threat landscape. Starting with the fundamentals, this book guides you through Azure security from the ground up. You will begin with core concepts like the shared responsibility model and Zero Trust, then apply these to secure key service layers, such as identity and access with Entra ID, networks with NSGs and Azure Firewall, compute for VMs and containers, and data with encryption and access controls. Furthermore, you will look at security governance, learning to manage your environment at scale using Azure Policy and Azure Landing Zones. Finally, you will learn about posture management with Microsoft Defender for Cloud and detect threats using Microsoft Sentinel. By the end of this book, readers will gain an understanding of Azure security and develop the practical skills required to design, implement, and maintain a secure and compliant cloud infrastructure. Whether you are trying to nail down compliance, make systems more resilient, or know how to handle the latest threats, this book will give you the skills to make it happen. **WHAT YOU WILL LEARN** ● Secure Azure compute and virtual networks with policies and controls. ● Implement data encryption, masking, and auditing in Azure. ● Protect workloads with Microsoft Defender for Cloud services. ● Apply Zero Trust principles to users and applications. ● Govern resources with Azure Policy, CAF, and WAF. ● Manage secrets and keys using Azure Key Vault. ● Strengthen security posture with monitoring and automation. **WHO THIS BOOK IS FOR** This book is for cloud engineers, IT professionals, security architects, consultants, and risk managers who work with Microsoft Azure. It is equally useful for administrators, security teams, and learners aiming to master practical Azure security. Whether you focus on compliance, Zero Trust, or workload protection, this book offers hands-on strategies to build and maintain secure Azure environments. **TABLE OF CONTENTS** 1. Introduction to Azure Security 2. Securing Identity and Access 3. Securing Networks 4. Securing Compute 5. Securing Data 6. Security Governance 7. Security Posture 8. Workload Protection 9. Security Monitoring 10. Security Best Practices

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Deswandikar, 2024-03-29 Overcome data mesh adoption challenges using the cloud-scale analytics framework and make your data analytics landscape agile and efficient by using standard architecture patterns for diverse analytical workloads **Key Features** Delve into core data mesh concepts and apply them to real-world situations Safely reassess and redesign your framework for seamless data mesh integration Conquer practical challenges, from domain organization to building data contracts Purchase of the print or Kindle book includes a free PDF eBook **Book Description** Decentralizing data and centralizing governance are practical, scalable, and modern

approaches to data analytics. However, implementing a data mesh can feel like changing the engine of a moving car. Most organizations struggle to start and get caught up in the concept of data domains, spending months trying to organize domains. This is where Engineering Data Mesh in Azure Cloud can help. The book starts by assessing your existing framework before helping you architect a practical design. As you progress, you'll focus on the Microsoft Cloud Adoption Framework for Azure and the cloud-scale analytics framework, which will help you quickly set up a landing zone for your data mesh in the cloud. The book also resolves common challenges related to the adoption and implementation of a data mesh faced by real customers. It touches on the concepts of data contracts and helps you build practical data contracts that work for your organization. The last part of the book covers some common architecture patterns used for modern analytics frameworks such as artificial intelligence (AI). By the end of this book, you'll be able to transform existing analytics frameworks into a streamlined data mesh using Microsoft Azure, thereby navigating challenges and implementing advanced architecture patterns for modern analytics workloads.

What you will learn

- Build a strategy to implement a data mesh in Azure Cloud
- Plan your data mesh journey to build a collaborative analytics platform
- Address challenges in designing, building, and managing data contracts
- Get to grips with monitoring and governing a data mesh
- Understand how to build a self-service portal for analytics
- Design and implement a secure data mesh architecture
- Resolve practical challenges related to data mesh adoption

Who this book is for

This book is for chief data officers and data architects of large and medium-size organizations who are struggling to maintain silos of data and analytics projects. Data architects and data engineers looking to understand data mesh and how it can help their organizations democratize data and analytics will also benefit from this book. Prior knowledge of managing centralized analytical systems, as well as experience with building data lakes, data warehouses, data pipelines, data integrations, and transformations is needed to get the most out of this book.

azure workbooks arm template: Microsoft Certified Azure Fundamentals Study Guide

James Boyce, 2021-04-13 Quickly preps technical and non-technical readers to pass the Microsoft AZ-900 certification exam

Microsoft Certified Azure Fundamentals Study Guide: Exam AZ-900 is your complete resource for preparing for the AZ-900 exam. Microsoft Azure is a major component of Microsoft's cloud computing model, enabling organizations to host their applications and related services in Microsoft's data centers, eliminating the need for those organizations to purchase and manage their own computer hardware. In addition, serverless computing enables organizations to quickly and easily deploy data services without the need for servers, operating systems, and supporting systems. This book is targeted at anyone who is seeking AZ-900 certification or simply wants to understand the fundamentals of Microsoft Azure. Whatever your role in business or education, you will benefit from an understanding of Microsoft Azure fundamentals. Readers will also get one year of FREE access to Sybex's superior online interactive learning environment and test bank, including hundreds of questions, a practice exam, electronic flashcards, and a glossary of key terms. This book will help you master the following topics covered in the AZ-900 certification exam:

- Cloud concepts
- Cloud types (Public, Private, Hybrid)
- Azure service types (IaaS, SaaS, PaaS)
- Core Azure services
- Security, compliance, privacy, and trust
- Azure pricing levels
- Legacy and modern lifecycles

Growth in the cloud market continues to be very strong, and Microsoft is poised to see rapid and sustained growth in its cloud share. Written by a long-time Microsoft insider who helps customers move their workloads to and manage them in Azure on a daily basis, this book will help you break into the growing Azure space to take advantage of cloud technologies.

azure workbooks arm template: Genomics in the Azure Cloud Colby T. Ford, 2022-11-14

This practical guide bridges the gap between general cloud computing architecture in Microsoft Azure and scientific computing for bioinformatics and genomics. You'll get a solid understanding of the architecture patterns and services that are offered in Azure and how they might be used in your bioinformatics practice. You'll get code examples that you can reuse for your specific needs. And you'll get plenty of concrete examples to illustrate how a given service is used in a bioinformatics context. You'll also get valuable advice on how to:

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