

uCertify

Microsoft Certified Azure Data Fundamentals (DP-900)



Lesson



Practice test



Live-Lab

08 Jun 2023

8. 1 Introduction
- 2 Core Data Concepts
- 3 Relational Databases in Azure
- 4 Nonrelational Databases in Azure
- 5 File, Object, and Data Lake Storage
- 6 Modern Data Warehouses in Azure
- 7 Reporting with Power BI

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Prepare for the Microsoft Azure Data Fundamentals (DP-900) exam with the course Microsoft Certified Azure Data Fundamentals (DP-900). The course contains assessment questions, test sets, interactive lessons with knowledge checks and quizzes, and labs to provide a hands-on learning experience of Azure data fundamentals in a safe, online environment. The course covers DP-900 exam objectives comprehensively and it will also give you a broad understanding of data solutions in Azure. It is intended to help you understand the different approaches to storing data in Azure as well as how you can turn raw data into information used to make valuable business decisions.

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1: Introduction

- Who Should Read This Course?
- DP-900 Exam Objectives
- Domain 1: Describe Core Data Components

- Domain 2: Describe How to Work with Relational Data on Azure
- Domain 3: Describe How to Work with Nonrelational Data on Azure
- Domain 4: Describe an Analytics Workload on Azure

2: Core Data Concepts

- Describe Types of Core Data Workloads
- Describe Data Analytics Core Concepts
- Summary
- Exam Essentials

3: Relational Databases in Azure

- Relational Database Features
- Relational Database Offerings in Azure
- Management Tasks for Relational Databases in Azure
- Query Techniques for SQL
- Summary
- Exam Essentials

4: Nonrelational Databases in Azure

- Nonrelational Database Features
- Azure Cosmos DB
- Management Tasks for Azure Cosmos DB
- Summary
- Exam Essentials

5: File, Object, and Data Lake Storage

- File and Object Storage Features
- Azure Storage
- Management Tasks for Azure Storage
- Summary
- Exam Essentials

6: Modern Data Warehouses in Azure

- Analytical Workload Features
- Modern Data Warehouse Components
- End-to-End Analytics with Azure Synapse Analytics

- Summary
- Exam Essentials

7: Reporting with Power BI

- Power BI at a Glance
- Summary
- Exam Essentials

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PRE-ASSESSMENTS
QUESTIONS

2
FULL LENGTH TESTS

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POST-ASSESSMENTS
QUESTIONS

13 Live Labs

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Relational Databases in Azure

- Creating a SQL Server VM in the Azure Portal
- Creating an Azure SQL Database
- Viewing Access with RBAC for a Resource Group
- Using an ARM Template in the Portal
- Deploying an ARM Template
- Creating an Azure Database for PostgreSQL Servers

Nonrelational Databases in Azure

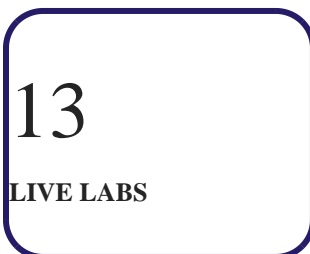
- Creating a Table in Azure Table Storage
- Creating a Cosmos DB Account and Getting the ARM Template
- Creating a Cosmos DB Account from the Azure Portal Using the ARM Template

File, Object, and Data Lake Storage

- Creating a Storage Account, Container, and Storage Blob Directory
- Creating a Blob Container

Modern Data Warehouses in Azure

- Creating an HDInsight Cluster
- Provisioning an Azure Databricks Workspace and Creating a Cluster



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