



MICROSOFT TRAINING

DP-900: Microsoft Azure Data Fundamentals — Practice Questions

Pass your DP-900 exam! Solidify your Azure Data Fundamentals knowledge with targeted practice questions.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

Unlock your potential in the world of cloud data with Computer Pride's DP-900: Microsoft Azure Data Fundamentals — Practice Questions course. This specialized program is meticulously designed to solidify your understanding of core data concepts and prepare you thoroughly for the official Microsoft Azure Data Fundamentals (DP-900) certification exam. Through a comprehensive array of expertly crafted practice questions and scenario-based challenges, you will gain hands-on familiarity with foundational data workloads, relational and non-relational data offerings on Azure, and essential Azure analytics services. This course serves as a critical bridge, transforming theoretical knowledge into practical, exam-ready expertise. By successfully navigating this practice questions course, you will not only build confidence for the DP-900 exam but also reinforce your grasp of the fundamental building blocks of data management and analytics within the Azure cloud ecosystem. You will learn to identify appropriate data solutions for various business needs, understand the nuances of Azure's diverse data services, and lay a robust foundation for pursuing more advanced data-centric roles. This certification is globally recognized, making it an invaluable asset for IT professionals in Kenya looking to validate their skills and advance their careers in the rapidly growing cloud data domain.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft
Exam Code	DP-900

COURSE CURRICULUM

01 Module 1: Core Data Concepts & Azure Roles Practice

- Identifying core data workloads (transactional vs. analytical)
- Understanding common data types and characteristics
- Exploring data processing concepts (batch vs. streaming)
- Reviewing roles and responsibilities in the world of data
- Overview of various Azure data services and their applications

02 Module 2: Relational Data on Azure - Practice Scenarios

- Azure SQL Database, Azure SQL Managed Instance, and SQL Server on Azure VMs
- Azure Database for MySQL, PostgreSQL, and MariaDB
- Querying relational data using common tools and languages
- Understanding relational database components (tables, indexes, views)
- Practice questions on choosing the right relational service

03 Module 3: Non-Relational Data on Azure - Practice Scenarios

- Azure Cosmos DB (document, key-value, graph, column-family APIs)
- Azure Blob Storage for unstructured data
- Azure Data Lake Storage for big data analytics workloads
- Azure Table Storage for semi-structured data
- Practice questions on non-relational data models and use cases

04 Module 4: Analytics Workloads on Azure - Practice Scenarios

- Introduction to Azure Synapse Analytics for data warehousing
- Azure Data Factory for data integration and ETL/ELT pipelines
- Azure Databricks for big data processing and machine learning

- Azure Stream Analytics for real-time data processing
- Power BI for data visualization and reporting
- Practice questions on integrating various analytics services

05 Module 5: Comprehensive DP-900 Exam Simulation & Strategy

- Full-length practice exams simulating the official DP-900 experience
- Time management techniques for exam success
- Analysis of common question patterns and tricky scenarios
- Strategies for identifying correct answers and eliminating distractors
- Review of challenging topics based on practice exam performance

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior Azure Data Analyst**
- > **Cloud Data Platform Support Specialist**
- > **Entry-Level Azure Database Administrator**

FREQUENTLY ASKED QUESTIONS

Q: Who should take this 'Practice Questions' course, and what prior knowledge is expected for effective preparation?

This course is specifically designed for individuals who have already studied the theoretical concepts of Azure Data Fundamentals and are now looking to solidify their knowledge and assess their exam readiness. While deep prior Azure experience isn't strictly required, a foundational understanding of IT concepts and an interest in data management is beneficial. It is NOT an introductory course to Azure data services but rather a focused exam preparation tool.

Q: How does this practice questions course specifically prepare me for the official DP-900 certification exam, beyond just reviewing content?

This course provides a simulated exam environment with extensive practice questions that mirror the official DP-900 exam format, difficulty, and objective weighting. It helps you identify your knowledge gaps, familiarizes you with question types (e.g., multiple choice, drag-and-drop, case studies), and improves your time management skills under pressure. By repeatedly tackling exam-style questions across all domains, you'll significantly boost your confidence and readiness for the actual certification.

Q: Beyond passing the exam, what practical skills will I reinforce and apply by completing the practice questions in this course?

By engaging with these targeted practice questions, you'll reinforce your practical understanding of fundamental data concepts and gain clarity on when to use specific Azure relational (e.g., Azure SQL Database, Azure Database for PostgreSQL) versus non-relational (e.g., Azure Cosmos DB, Azure Blob Storage) data services. You'll also solidify your knowledge of Azure's analytics capabilities and their appropriate applications. This practical reinforcement is crucial for translating theoretical knowledge into applicable skills in real-world data management and analytics scenarios within the Azure cloud.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke