



MICROSOFT DP-203 STUDY GUIDE PDF

**Grab the Microsoft Data Engineering on Microsoft Azure Certification
PDF Questions & Answers**

Details of the Exam-Syllabus-Questions

DP-203

[Microsoft Certified - Azure Data Engineer Associate](#)

40-60 Questions Exam - 700/1000 Cut Score - Duration of 150 minutes

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Get an Overview of the DP-203 Certification:

Who should take the [DP-203 exam](#)? This is the first question that comes to a candidate's mind when preparing for the Data Engineering on Microsoft Azure certification. The DP-203 certification is suitable for candidates who are keen to earn knowledge on the Microsoft Azure and grab their Microsoft Certified - Azure Data Engineer Associate certification. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But DP-203 study guide PDF is here to solve the problem. DP-203 PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the Microsoft DP-203 Certification?

There are several reasons why one should grab the DP-203 certification.

- The Data Engineering on Microsoft Azure certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential employers.
- Thus earning the [Microsoft Certified - Azure Data Engineer Associate](#) is a powerful qualification for a prosperous career.

What is the Microsoft DP-203 Data Engineering on Microsoft Azure Certification Exam Structure?

Exam Name	Microsoft Certified - Azure Data Engineer Associate
Exam Code	DP-203
Exam Price	\$165 (USD)
Duration	150 mins
Number of Questions	40-60
Passing Score	700 / 1000
Books / Training	DP-203T00: Data Engineering on Microsoft Azure
Schedule Exam	Pearson VUE
Sample Questions	Data Engineering on Microsoft Azure Sample Questions
Practice Exam	Microsoft DP-203 Certification Practice Exam

Enhance Knowledge with DP-203 Sample Questions:

Question: 1

A company has a SaaS solution that uses Azure SQL Database with elastic pools. The solution contains a dedicated database for each customer organization. Customer organizations have peak usage at different periods during the year. You need to implement the Azure SQL Database elastic pool to minimize cost. Which option or options should you configure?

- a) Number of transactions only
- b) eDTUs per database only
- c) Number of databases only
- d) CPU usage only
- e) eDTUs and max data size

Answer: e

Question: 2

An in-house team is developing a new application. The design document specifies that data should be represented using nodes and relationships in graph structures. Individual data elements are relatively small.

You need to recommend an appropriate data storage solution. Which solution should you recommend?

- a) Azure Storage Blobs
- b) Cosmos DB
- c) Azure Data Lake Store
- d) HBase in HDInsight

Answer: b

Question: 3

The data engineering team manages Azure HDInsight clusters. The team spends a large amount of time creating and destroying clusters daily because most of the data pipeline process runs in minutes.

You need to implement a solution that deploys multiple HDInsight clusters with minimal effort. What should you implement?

- a) Azure Databricks
- b) Azure Traffic Manager
- c) Azure Resource Manager templates
- d) Ambari web user interface

Answer: c

Question: 4

You are designing a big data streaming solution. You need to choose the most appropriate resource for different scenarios. Which Azure resource should you choose?

To answer, drag the appropriate resource to each scenario. A resource may be used once, more than once, or not at all.

	You want to run parallel processing on 4-terabytes (TB) of data.
	You want to analyze telemetry data sent to an IoT Hub.

Stream Analytics	SQL Data Warehouse	Databricks	IoT Hub
Data Lake	Data Factory		

- a) SQL Data Warehouse
Stream Analytics
- b) SQL Data Warehouse
Databricks
- c) Stream Analytics
Data Lake
- d) IoT Hub
Data Factory

Answer: a

Question: 5

A company is planning on creating an Azure SQL database to support a mission critical application. The application needs to be highly available and not have any performance degradation during maintenance windows.

Which of the following technologies can be used to implement this solution?

(Choose 3)

- a) Premium Service Tier
- b) Virtual Machine Scale Sets
- c) Basic Service Tier
- d) SQL Data Sync
- e) Always On Availability Groups
- f) Zone-redundant configuration

Answer: a, e, f

Question: 6

You are a data engineer for an Azure SQL Database. You write the following SQL statements:

```
CREATE TABLE Customer (  
    CustomerID int IDENTITY PRIMARY KEY,  
    GivenName varchar(100) MASKED WITH (FUNCTION = 'partial(2,"XX",0)') NULL,  
    SurName varchar(100) NOT NULL,  
    Phone varchar(12) MASKED WITH (FUNCTION = 'default()')  
INSERT Customer (GivenName, SurName, Phone) VALUES ('Sammy', 'Jack', '555.111.2222');  
SELECT * FROM Customer;
```

You need to determine what is returned by the SELECT query. What data is returned?

- a) 1 SaXX Jack XXX.XXX.2222
- b) 1 XXXX Jack XXX.XXX.XXXX
- c) 1 xx Jack XXX.XXX.2222
- d) 1 SaXX Jack xxxx

Answer: d

Question: 7

A company has an Azure SQL data warehouse. They want to use PolyBase to retrieve data from an Azure Blob storage account and ingest into the Azure SQL data warehouse. The files are stored in parquet format. The data needs to be loaded into a table called lead2pass_sales.

Which of the following actions need to be performed to implement this requirement?

(Choose 4)

- a) Create an external file format that would map to the parquet-based files
- b) Load the data into a staging table
- c) Create an external table called lead2pass_sales_details
- d) Create an external data source for the Azure Blob storage account
- e) Create a master key on the database
- f) Configure Polybase to use the Azure Blob storage account

Answer: b, c, d, e

Question: 8

Which offering provides scale-out parallel processing and dramatically accelerates performance of analytics clusters when integrated with the IBM Flash System?

- a) IBM Cloud Object Storage
- b) IBM Spectrum Accelerate
- c) IBM Spectrum Scale
- d) IBM Spectrum Connect

Answer: c

Question: 9

A company purchases IoT devices to monitor manufacturing machinery. The company uses an Azure IoT Hub to communicate with the IoT devices. The company must be able to monitor the devices in real-time.

You need to design the solution. What should you recommend?

- a) Azure Data Factory instance using Azure Portal
- b) Azure Analysis Services using Microsoft Visual Studio
- c) Azure Stream Analytics Edge application using Microsoft Visual Studio
- d) Azure Data Factory instance using Microsoft Visual Studio

Answer: c

Question: 10

A company manages several on-premises Microsoft SQL Server databases. You need to migrate the databases to Microsoft Azure by using a backup process of Microsoft SQL Server. Which data technology should you use?

- a) Azure SQL Database single database
- b) Azure SQL Data Warehouse
- c) Azure Cosmos DB
- d) Azure SQL Database Managed Instance
- e) HDInsight Spark cluster

Answer: d

What Study Guide Works Best in Acing the Microsoft DP-203 Data Engineering on Microsoft Azure Certification?

The DP-203 study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the Data Engineering on Microsoft Azure exam, getting in full touch of the [syllabus](#) is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge on all syllabus sections, the more is the chance to attempt maximum number of questions during the actual exam.

Make Your Schedule:

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your study schedule must mention what areas you want to cover and within what time. Once you make a schedule and follow it

regularly, syllabus completion becomes easier and preparation becomes smoother.

Get Expert Advice from the Training:

If there is related Microsoft training, don't miss out the chance to join. Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

Get Access to the PDF Sample Questions:

If your study material is in a [PDF format](#) or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

Avoid Dumps and utilize the Microsoft DP-203 Practice Test:

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self assessment method. Therefore, DP-203 practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven DP-203 Practice Test for Success!!!

Do you want to pass the DP-203 exam on your first attempt? Stop worrying; EduSum.com is here to provide you the best experience during your Data Engineering on Microsoft Azure preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium [DP-203 practice tests](#). Our expert-designed questions help you to improve performance and pass the exam on your first attempt.