



✓ **Congratulations! You passed!**

TO PASS 80% or higher

Keep Learning

GRADE
100%

Test prep

LATEST SUBMISSION GRADE

100%

1. Blobs are usually not appropriate for structured data that will be queried frequently. Which of the following is a characteristic of blobs?

1 / 1 point

- ☐ Indexing features
- ☒ High latency
- ☐ Restrictions on data types

✓ **Correct**

Blobs have higher latency than memory and local disk.

2.

1 / 1 point

You are working on a new project and need to create storage accounts and blob containers for your application.

What is the best way to do this?

- ☐ Create both the Azure storage accounts and containers before deploying your application.
- ☒ Create Azure storage accounts before deploying your app and then create containers in your application as needed.
- ☐ Create Azure storage accounts in your application as needed and create the containers before deploying your app.

✓ **Correct**

Creating an Azure storage account is an administrative activity and can be done before deploying an application. Container creation is lightweight and is often driven by run-time data which makes it a good activity to do in your application.

3. Which of the following are types of blobs that can store data?

1 / 1 point

Select all options that apply.

☒ Append

Feedback. Append blobs are specialized block blobs that support only appending new data (not updating or deleting existing data),

✓ **Correct**

☒ Page

✓ **Correct**

Page blobs are designed for scenarios that involve random-access reads and writes.

☐ File

☐ Queue

☒ Block

✓ **Correct**

Block blobs are composed of blocks of different sizes that can be uploaded independently and in parallel.

4. Azure storage includes four types of data. Which type of storage is used for Azure virtual machine disk storage?

1 / 1 point

☒ Azure Blobs

✓ **Correct**

Page blobs one type of Azure Blob Storage, store random access files up to 8 TiB in size. Page blobs store virtual hard drive (VHD) files and serve as disks for Azure virtual machines.

☐ Azure Queues

☐ Azure Tables

5. You can use a service-level SAS to allow access to specific resources in a storage account. What can you use this type of SAS for?

1 / 1 point

Select all options that apply.

☒ To allow an app to download a file.

✓ **Correct**

You can use a service-level SAS to manage access to specific resources in a storage account. You can use this type of SAS, for example, to allow an app to download a file.

☐ To allow an app or user to create file systems

☒ To allow an app to retrieve a list of files in a file system.

✓ **Correct**

You can use a service-level SAS to manage access to specific resources in a storage account. You can use this type of SAS, for example, to allow an app to retrieve a list of files in a file system.

6. The organization you work at has two types of data:

1 / 1 point

1. Private consumption

2. Public consumption.

When considering Azure storage accounts, which of the following approaches is recommended to provide access control to the different types of data?

- ☒ Enable virtual directories for the proprietary data and not for the public data with separate storage accounts for the proprietary and public data.
- ☐ Locate the data in a datacenter with the strictest data regulations to ensure that regulatory requirements thresholds have been met. In this way, you need only one storage account for managing all data. This will reduce data storage costs.
- ☐ B: Locate the organization's data in a datacenter in the required country or region with one storage account for each region.

✓ **Correct**

Feedback: You need one storage account for every group of settings that you want to apply to your data.

7. What type of data would be in a storage account that holds customer information and sales records in tables with rows and columns?

1 / 1 point

☐ Semi-structured Data

☐ Unstructured Data

☒ Structured Data

✓ **Correct**

Structured data is information that has been formatted and transformed into a well-defined data model. The raw data is mapped into predesigned fields that can then be extracted and read through SQL easily. SQL relational databases, consisting of tables with rows and columns, are the perfect example of structured data.

8. What type of data would be in a storage account that holds customer information and sales records in tables with rows and columns?

1 / 1 point

☒ Structured Data

☐ Unstructured Data

☐ Semi-structured Data

✓ **Correct**

Structured data is information that has been formatted and transformed into a well-defined data model. The raw data is mapped into predesigned fields that can then be extracted and read through SQL easily. SQL relational databases, consisting of tables with rows and columns, are the perfect example of structured data.