

Welcome to the course

Choose a data storage approach in Azure

Create an Azure Storage account

- Video: Lesson introduction 1 min
- Video: Decide how many storage accounts you need 7 min
- Video: Choose your account settings 2 min
- Video: Choose an account creation tool 1 min
- Reading: Exercise - Create a storage account using the Azure portal 30 min
- Practice Quiz: Exercise quiz 1 question
- Reading: Clean up

Test prep

Quiz • 27 min

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1. A YAML file stores which of the following types of data?

1 / 1 point

- ☐ Unstructured
- ☒ Semi-structured
- ☐ Structured

Correct

A YAML file is an example of semi-structured data structure. It is defined by line separation and indentation, and reduces the dependency on structural characters like parentheses, commas and brackets.

Azure storage service

Connect to an Azure storage account

- Video: Connect to your Azure storage account 4 min
- Reading: Exercise - Add Azure Storage configuration to your app 30 min
- Reading: Exercise - Connect your application to your Azure Storage account 30 min
- Reading: Exercise - Upload an image to your Azure Storage account 30 min
- Practice Quiz: Exercise quiz 1 question
- Practice Quiz: Knowledge check 5 questions
- Quiz: Test prep 9 questions

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1. Page blobs are used to hold random-access files up to a what size?

1 / 1 point

- ☐ 8 GB
- ☒ 8 TB
- ☐ 800 GB

Correct

Page blobs are used to hold random-access files up to 8 terabytes in size.

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Data Storage in Microsoft Azure > Week 3 > Test prep

Previous Next

Azure Storage security feature

Access control and threat protection

- Video: Shared access signatures 3 min
- Video: Control network access to a storage account 1 min
- Video: Advanced threat protection for Azure Storage 2 min
- Video: Azure Data Lake Storage security features 1 min
- Practice Quiz: Knowledge check 6 questions
- Quiz: Test prep 8 questions**
- Video: Module summary 57 sec

Test prep

Quiz • 24 min

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1. A storage account has two keys that provide full access to the account. 1 / 1 point

Which of the following are good reasons to regenerate your storage account keys?

Select all options that apply.

- ☒ As security best practice, similar to changing a password on a user account.
- ☒ **Correct**
For security reasons, you might regenerate keys periodically.
- ☒ The key may have been compromised due to a hacking attack which could allow the hacker full access to your storage account.

Build an app that stores user files with Azure Blob storage

- Video: Introduction to Blob storage 1 min
- Video: What are blobs? 2 min
- Video: Design a storage organization strategy 5 min
- Reading: Exercise - Create Azure storage resources 30 min
- Reading: Exercise - Configure and initialize the client library 30 min
- Reading: Exercise - Get blob references 30 min
- Reading: Exercise - Blob uploads and downloads 30 min
- Reading: Clean up 30 min

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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

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

Correct

Blobs have higher latency than memory and local disk.

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Data Storage in Microsoft Azure > Week 5 > Course practice exam

Practice Exam on Store Data in Microsoft Azure

- Reading: About the practice exam 30 min
- Video: Course summary 1 min
- Video: Course 2 recap 8 min
- Quiz: Course practice exam 15 questions

Course wrap up

Course practice exam

Quiz • 45 min

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Course practice exam

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1. 1 / 1 point

Which of the following are benefits of Azure cloud-based data storage solutions?

Select all options that apply.

- ☒ Automated backup and Recovery
- ☒ Multiple Data Types

Correct

Automated backup and recovery mitigate the risk of losing your data if there is any unforeseen failure or interruption.

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Test prep Quiz	Passed	Dec 26 11:59 PM PST	15%	100%
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Completed by **Pratik Yuvraj Yawalkar**

December 5, 2021

5 weeks of study, 1-2 hours/week.

Grade Achieved: 100%

Pratik Yuvraj Yawalkar's account is verified. Coursera certifies their successful completion of Data Storage in Microsoft Azure

Data Storage in Microsoft Azure

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WHAT YOU WILL LEARN

✓ You will learn the basics of storage management in Azure, how to create a Storage Account, and how to choose the right model for your data.

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