Microsoft Azure Developer: Implementing Blob Storage

SETTING UP BLOB STORAGE

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Module Outline

Get started with Azure Storage

- Blob, File, Table, Queue
- Create an Azure Storage Account

Understand Blob Storage

- Create a Blob Container
- Upload a Blob

The wired brain coffee scenario

- Web video portal (ASP.NET Core)
- Administrate with desktop app (UWP)
- Calculate the costs

What you build in this course

Course outline

Get Started with Azure Storage
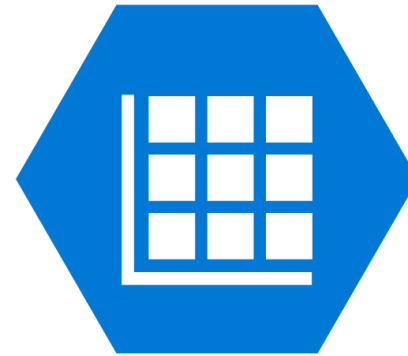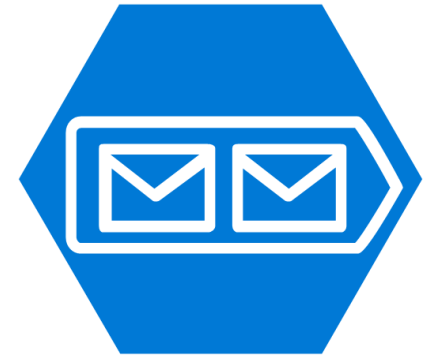
Blob Storage

File Storage

Table Storage

Queue Storage

Azure Cosmos DB Table API

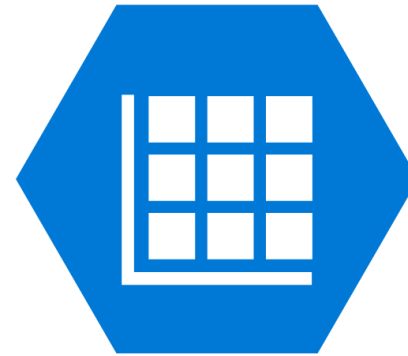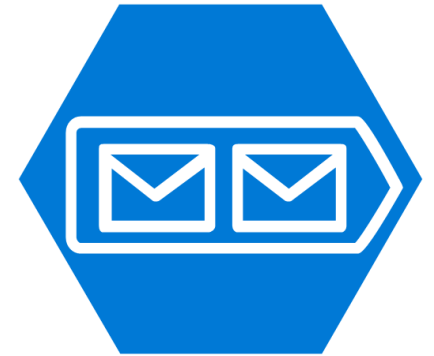# Get Started with Azure Storage

Blob Storage

File Storage

Table Storage

Queue Storage

Azure Service Bus

Azure Event Hubs

Azure Event Grid

Get Started with Azure Storage

Azure Storage Account
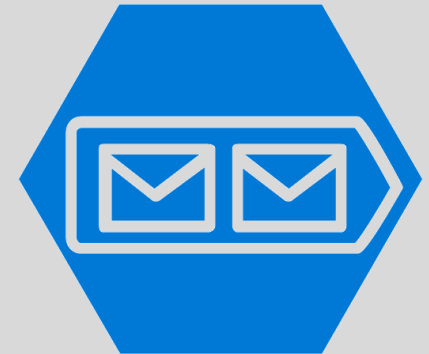### (2PB for US & Europe, 500TB for all other regions)

Blob Storage

File Storage

Table Storage

Queue Storage

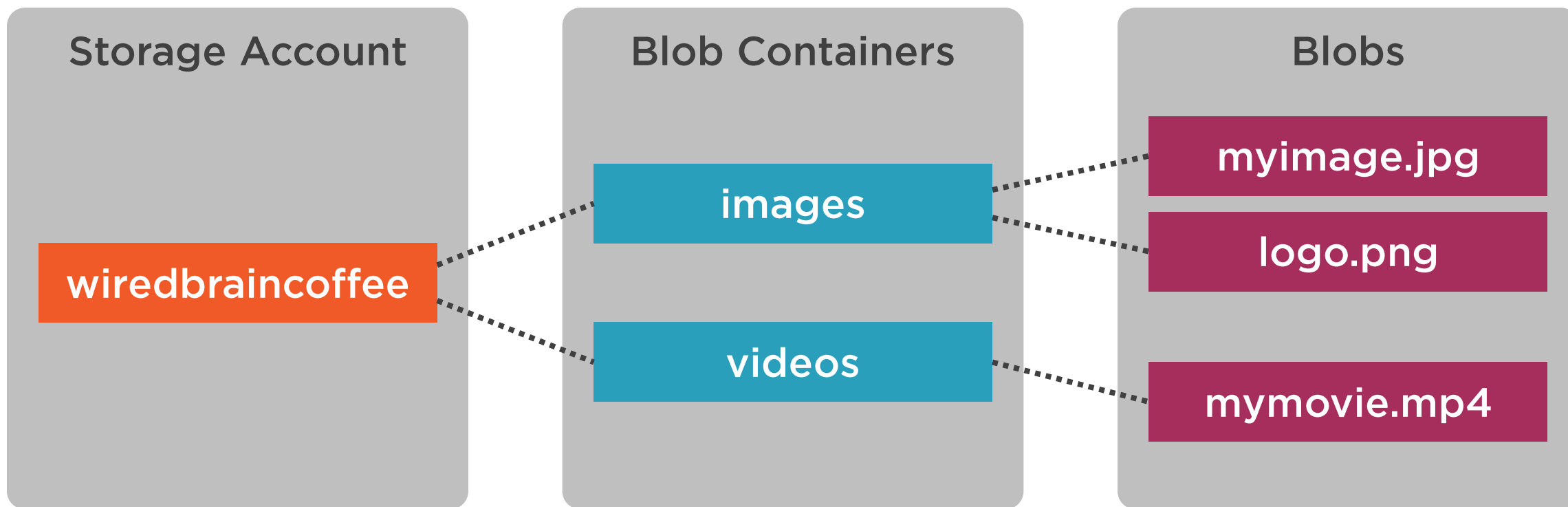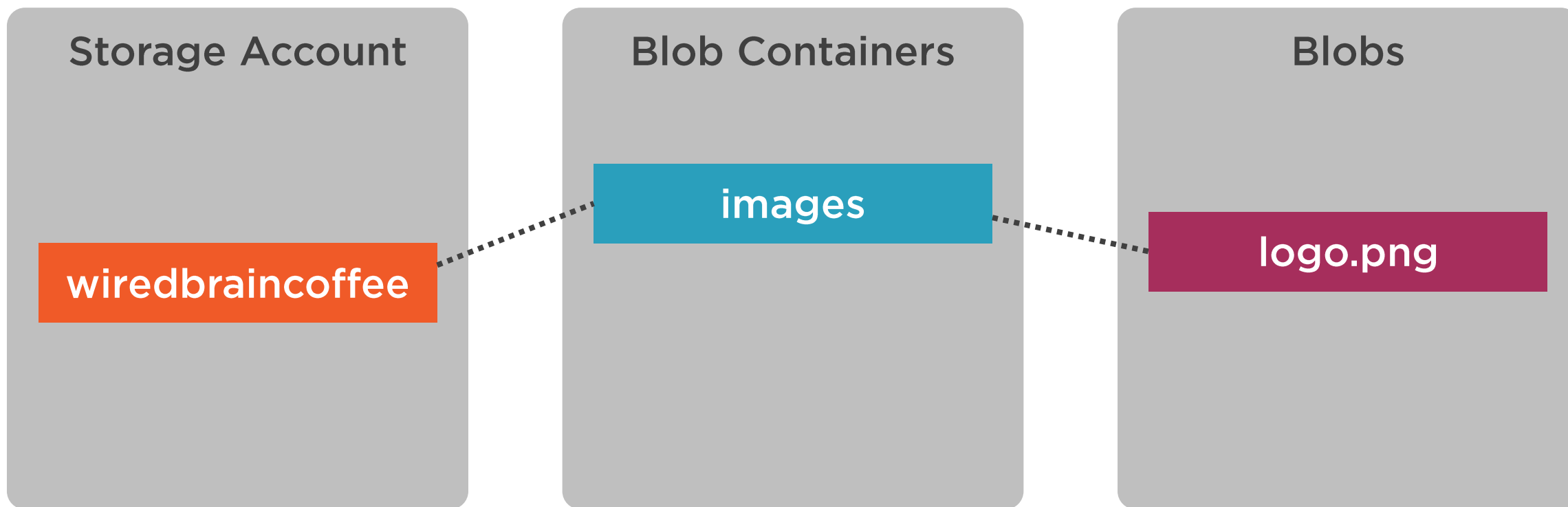**Accessible via REST APIs, client libraries and tools**

Demo

Create an Azure Storage Account
in the Azure Portal

Understand Blob Containers and Blobs
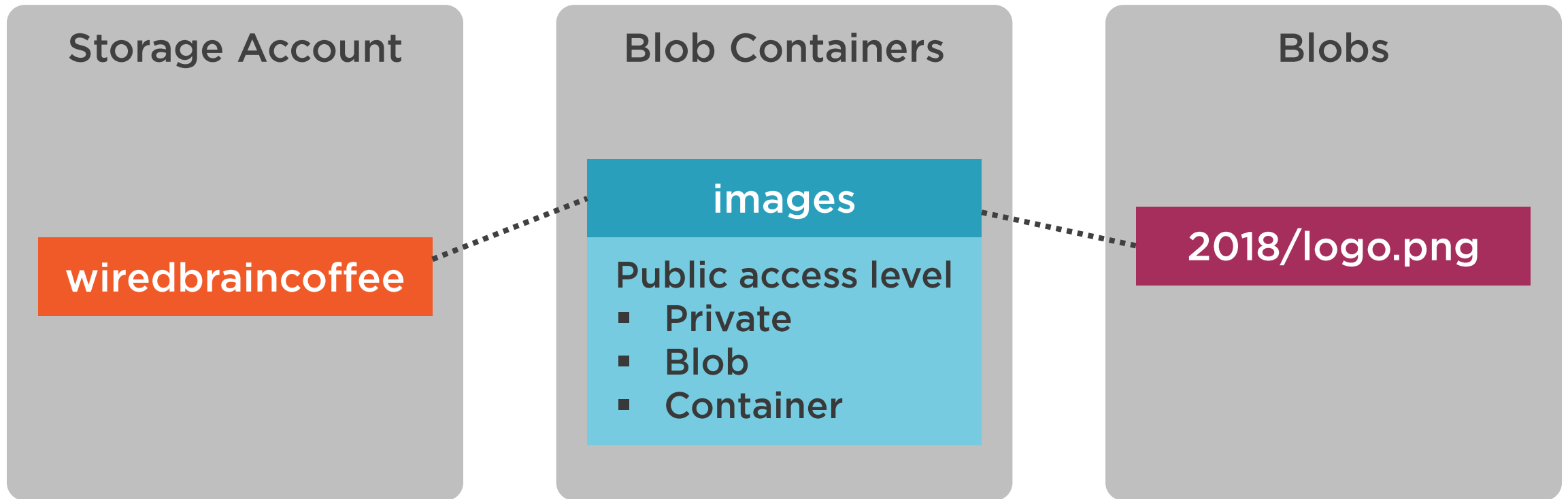
Storage Account

Blob Containers

Blobs

wiredbraincoffee

images

videos

myimage.jpg

logo.png

mymovie.mp4

Understand Blob Containers and Blobs

Storage Account	Blob Containers	Blobs
wiredbraincoffee	**images**	**logo.png**

https://**wiredbraincoffee**.blob.core.windows.net/**images**/**logo.png**

Understand Blob Containers and Blobs

Storage Account

wiredbraincoffee

Blob Containers

images

Public access level
- Private
- Blob
- Container

Blobs

2018/logo.png

https://wiredbraincoffee.blob.core.windows.net/images/2018/logo.png
https://wiredbraincoffee.blob.core.windows.net/images?comp=list

Demo

Create a Blob Container

- Set its public access level

Upload a Blob

- Access the Blob via its URL

Know the Different Blob Types

Blobs

logo.png

movie.mp4

errors.log

vm001.vhd

Blob Types

Block Blob

Append Blob

Page Blob
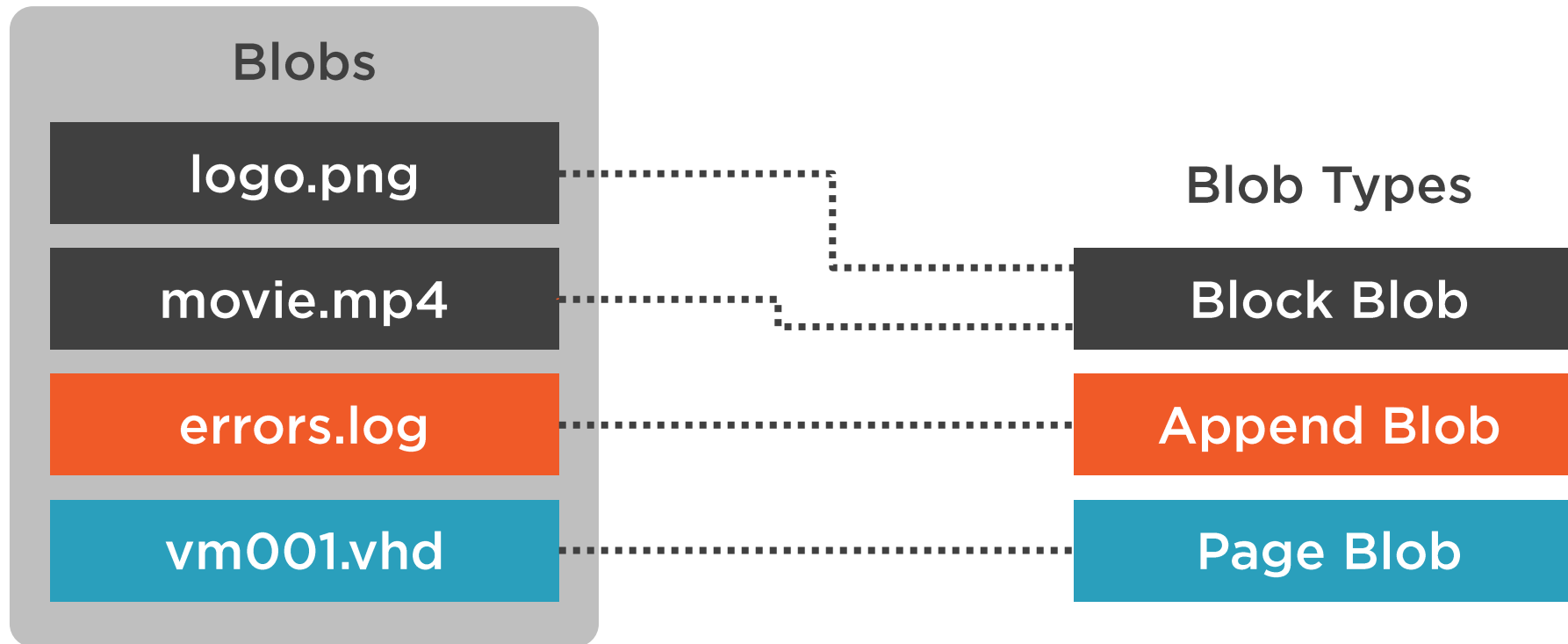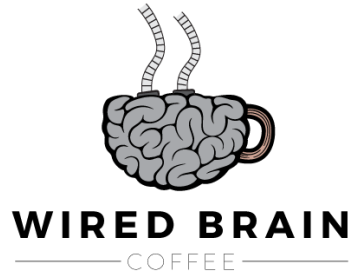
The Wired Brain Coffee Scenario

A company that runs several coffee shops

They want to store coffee videos in Microsoft Azure
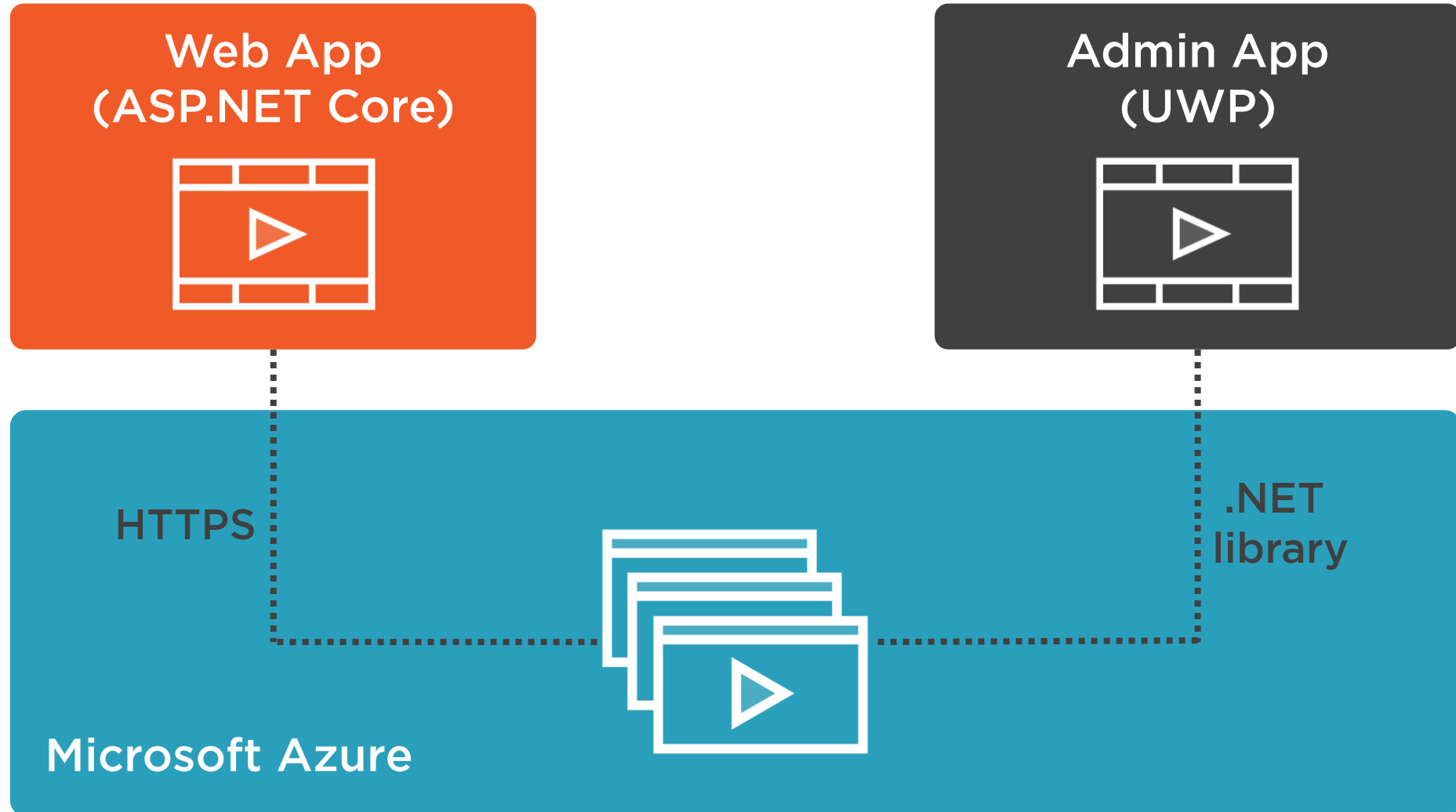
They ask you where they should store these videos

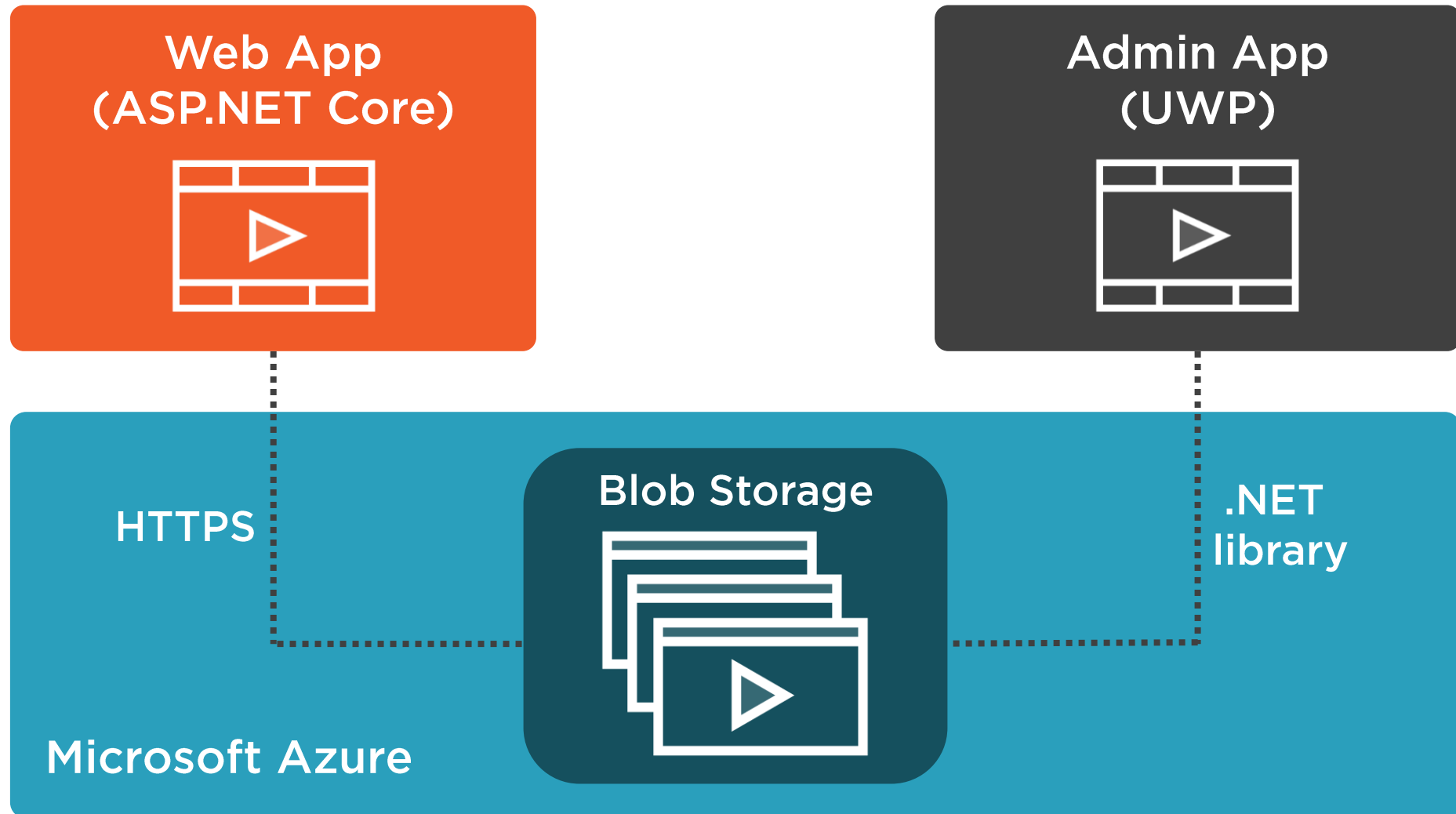Please tell me a bit more about your scenario

The Wired Brain Coffee Scenario

In Azure Blob Storage

The Wired Brain Coffee Scenario

"What are the costs for Azure Blob Storage?
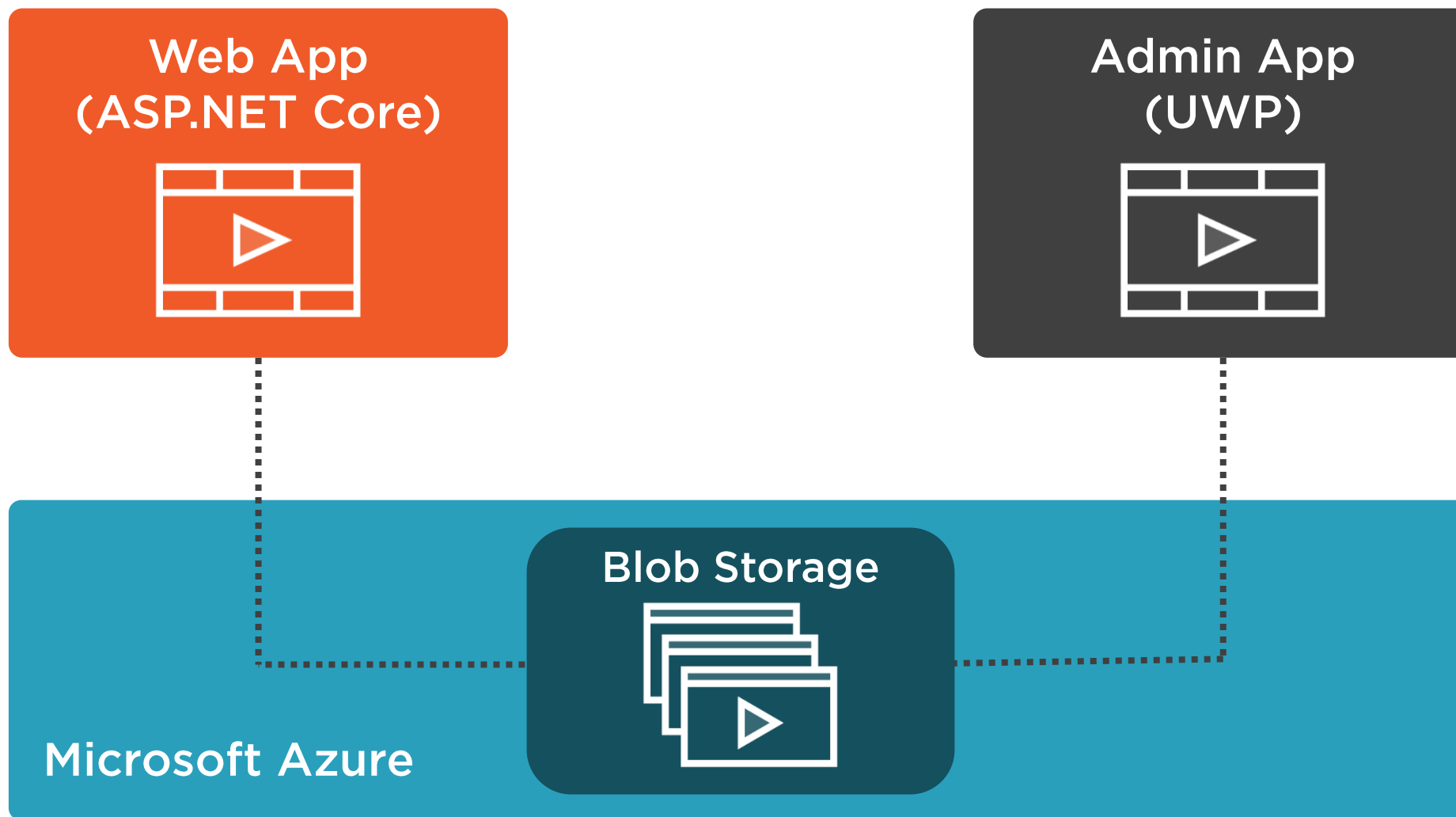
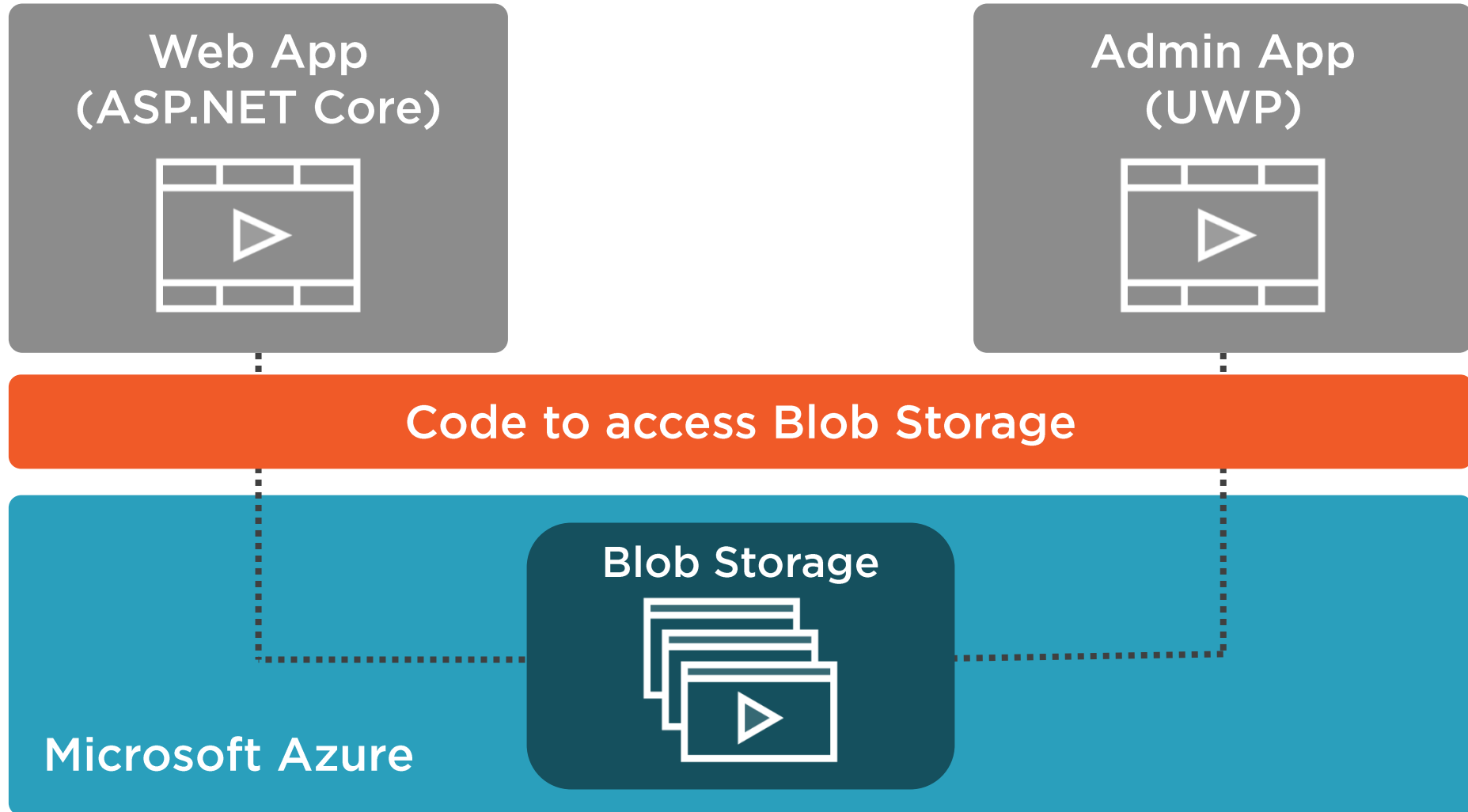The Wired Brain Coffee CEO

Demo

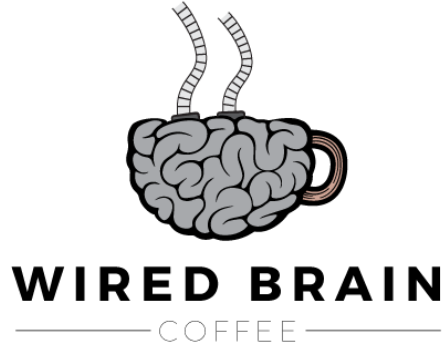Calculate the costs for
your Storage Account

What You Build in This Course

What You Build in This Course

Course Outline

Setting up Blob Storage

Uploading Blobs from .NET

Listing Blobs in .NET

Downloading and Deleting Blobs

Storing Metadata on Your Blobs

Using Shared Access Signatures

Managing Concurrency

Copying and Archiving Blobs

Monitoring Blob Storage

WIRED BRAIN
COFFEE