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Assignment: Working with Cloud Storage in Azure and GCP

Azure

The screenshot shows the Microsoft Azure portal interface. The main pane displays the '504storage' storage account overview, including details like Resource group (DefaultResourceGroup-EUS), Location (eastus), and Subscription ID. The left sidebar shows the navigation menu with 'Data storage' selected. The right pane shows the 'Upload blob' dialog, which prompts the user to select an existing container (504-container) and provides an 'Upload' button.

```
from azure.storage.blob import BlobServiceClient
# Azure storage account details
connection_string = 'DefaultEndpointsProtocol=https;AccountName=504storage;AccountKey=K8XC81sayk1x3hSbart38e71N5561955r3DrurM8SKg+7xfpAvrvfbOPJjCn7eHDYPOzbWL3j+Ym+AS'
container_name = '504storage'
blob_name = 'hello.txt'
file_path = "D:\Data\AHI\AHI Python\504 Cloud\HHA-504---Cloud-Storage\hello.txt"
# Create BlobServiceClient object
blob_service_client = BlobServiceClient.from_connection_string(connection_string)
# Get the container client
container_client = blob_service_client.get_container_client(container_name)
# Upload the file to Blob storage
with open(file_path, 'rb') as file_data:
    container_client.upload_blob(blob_name, file_data)
print(f"File {blob_name} uploaded to Azure Blob Storage successfully.")
```

GCP

Google Cloud

Ryan-Li-HHA504

cloud storage buc

Search

Navigation menu

Storage

GO TO PATH

REFRESH

LEARN

Overview

Preview

Buckets

Monitoring

Settings

Bucket details

504bucket

Location

us (multiple regions in United States)

Storage class

Standard

Public access

Not public

Protection

Soft Delete

OBJECTS

CONFIGURATION

PERMISSIONS

PROTECTION

LIFECYCLE

OBSERVABILITY

INVENTORY REPORTS

OPERATIONS

Folder browser

Buckets > 504bucket

CREATE FOLDER

UPLOAD

TRANSFER DATA

OTHER SERVICES

Filter by name prefix only

Filter

Filter objects and folders

Show

Live objects only

Name	Size	Type	Created	Storage class	Last modified	Public access	Version history	Encryption	Object retention retain until time	Retention expiration t
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