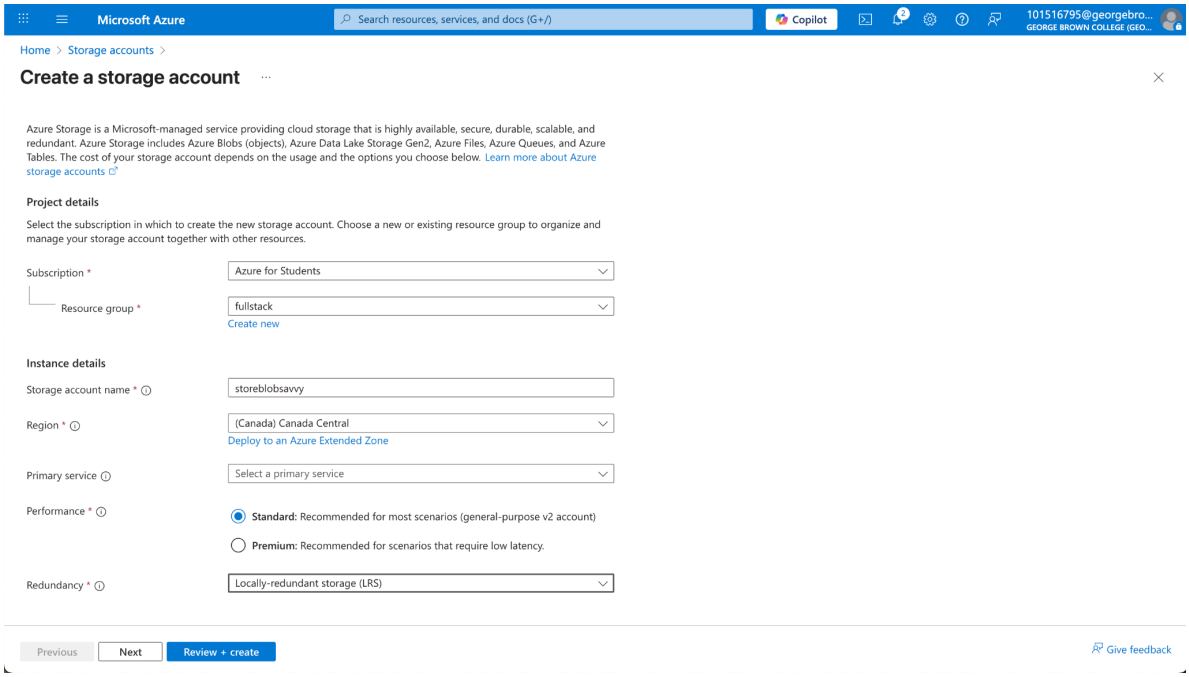
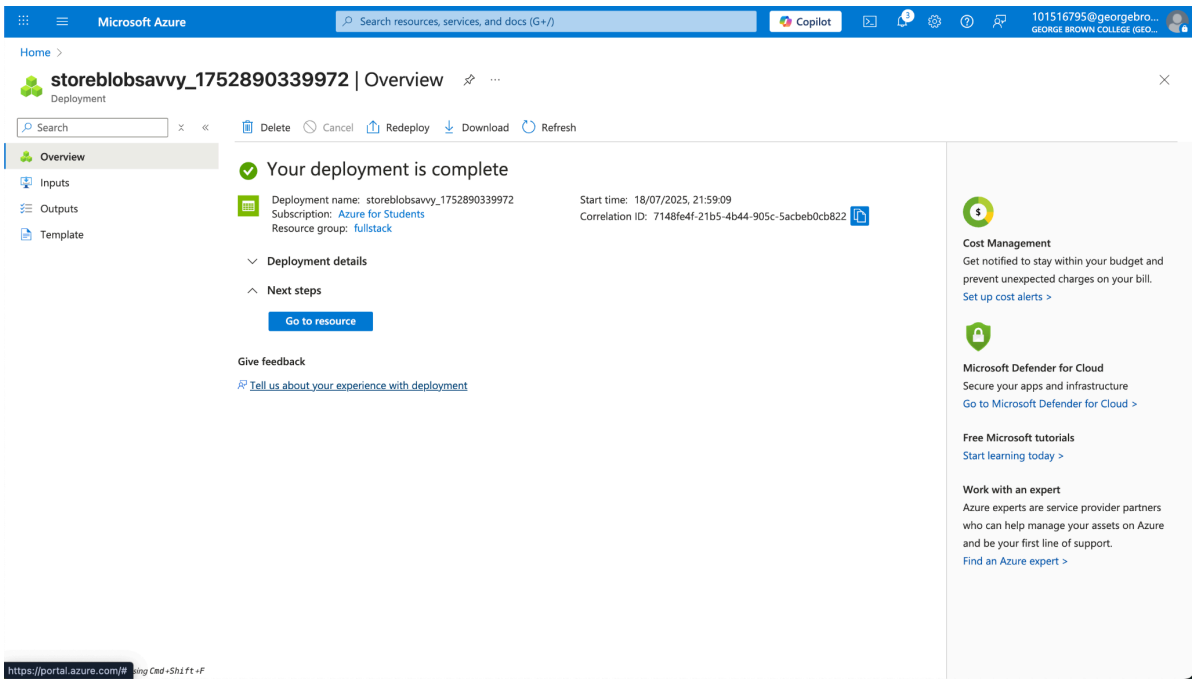
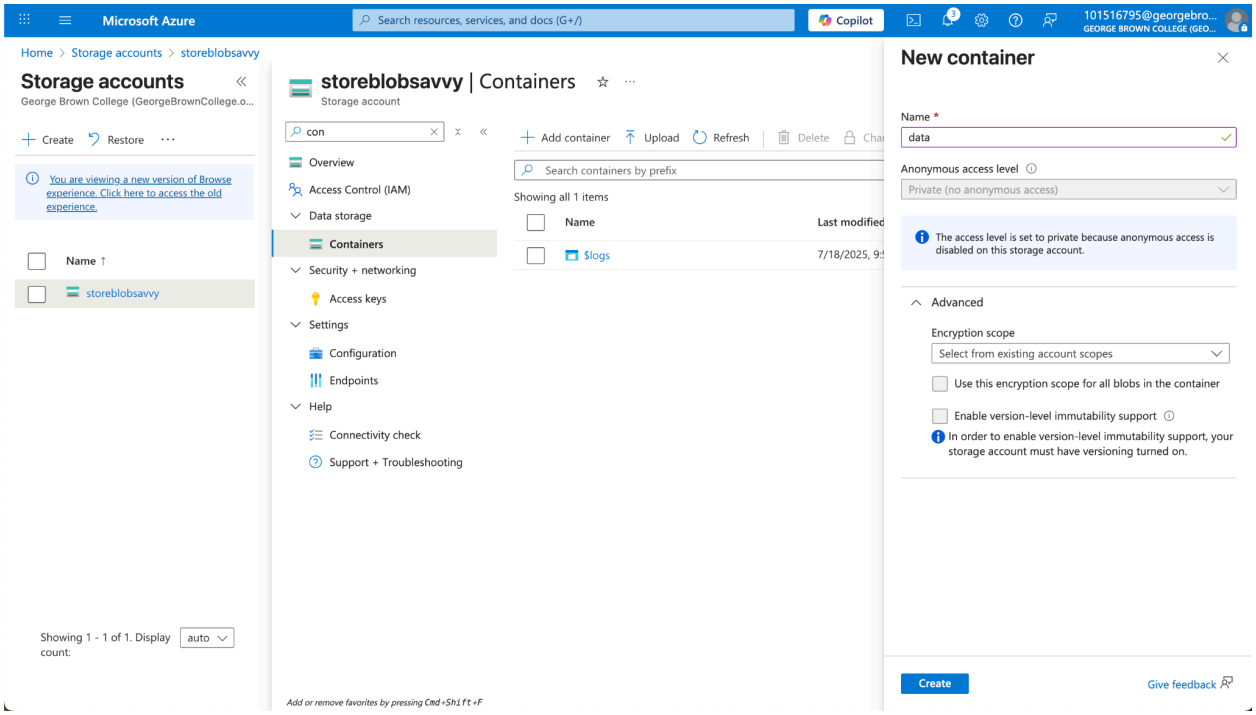
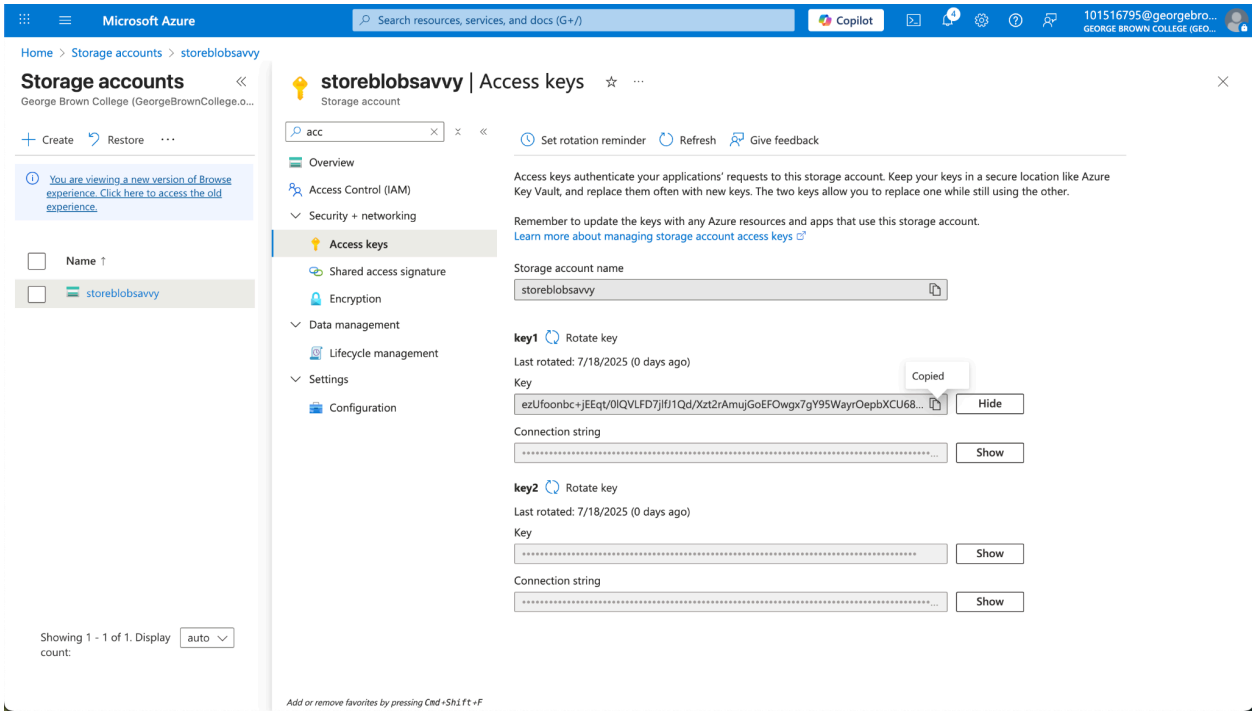
Full Stack Blockchain
Final Exam - Question 2






Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
101516795@georgebro...
GEORGE BROWN COLLEGE (GEO...
Home > Storage accounts > storeblobsavvy
Storage accounts
George Brown College (GeorgeBrownCollege.o...
Create
Restore
You are viewing a new version of Browse experience. Click here to access the old experience.
Name ↑
storeblobsavvy
Showing 1 - 1 of 1. Display count: auto
storeblobsavvy | Containers
Storage account
con
Overview
Access Control (IAM)
Data storage
Containers
Security + networking
Access keys
Settings
Configuration
Endpoints
Help
Connectivity check
Support + Troubleshooting
Add container
Upload
Refresh
Delete
Search containers by prefix
Showing all 1 items
Name
Last modified
$logs
7/18/2025, 9:
Add or remove favorites by pressing Cmd+Shift+F
New container
Name *
data
Anonymous access level
Private (no anonymous access)
The access level is set to private because anonymous access is disabled on this storage account.
Advanced
Encryption scope
Select from existing account scopes
Use this encryption scope for all blobs in the container
Enable version-level immutability support
In order to enable version-level immutability support, your storage account must have versioning turned on.
Create
Give feedback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Home > Storage accounts > storeblobsavvy
Storage accounts
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Create
Restore
You are viewing a new version of Browse experience. Click here to access the old experience.
Name ↑
storeblobsavvy
Showing 1 - 1 of 1. Display count: auto
storeblobsavvy | Access keys
Storage account
acc
Overview
Access Control (IAM)
Security + networking
Access keys
Shared access signature
Encryption
Data management
Lifecycle management
Settings
Configuration
Set rotation reminder
Refresh
Give feedback
Access keys authenticate your applications' requests to this storage account. Keep your keys in a secure location like Azure Key Vault, and replace them often with new keys. The two keys allow you to replace one while still using the other.
Remember to update the keys with any Azure resources and apps that use this storage account.
Learn more about managing storage account access keys
Storage account name
storeblobsavvy
key1
Rotate key
Last rotated: 7/18/2025 (0 days ago)
Key
Copied
ezUfoonbc+jEEqt/0lQVLFD7jIfJ1Qd/Xzt2rAmujGoEFOwgx7gY95WayrOepbXCU68...
Hide
Connection string
Show
key2
Rotate key
Last rotated: 7/18/2025 (0 days ago)
Key
Show
Connection string
Show
Add or remove favorites by pressing Cmd+Shift+F

```
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl create secret generic azure-secret \
  --from-literal=azurestorageaccountname=storeblobsavvy \
  --from-literal=azurestorageaccountkey=ezUfoonbc+jEEqt/0lQVLFD7jlfJ1Qd/Xzt2rAmujGoEFOwgx7gY95WayrOepbXCU68YUoMHHT2E+AStcExULg==
secret/azure-secret created
```

```
secret/azure-secret created
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % touch blob-pv.yaml
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % nano blob-pv.yaml
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % cat blob-pv.yaml
apiVersion: v1
kind: PersistentVolume
metadata:
  name: blob-pv
spec:
  capacity:
    storage: 5Gi
  accessModes:
    - ReadWriteMany
  persistentVolumeReclaimPolicy: Retain
  csi:
    driver: blob.csi.azure.com
    volumeHandle: blob-pv-handle
    readOnly: false
    volumeAttributes:
      containerName: data
      storageAccount: storeblobsavvy
    nodeStageSecretRef:
      name: azure-secret
      namespace: default

(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % touch blob-pvc.yaml
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % nano blob-pvc.yaml
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % cat blob-pvc.yaml
apiVersion: v1
kind: PersistentVolumeClaim
metadata:
  name: blob-pvc
spec:
  accessModes:
    - ReadWriteMany
  resources:
    requests:
      storage: 5Gi

(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl apply -f blob-pv.yaml
persistentvolume/blob-pv created
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl apply -f blob-pvc.yaml
persistentvolumeclaim/blob-pvc created
```

```
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl apply -f blob-pv.yaml
persistentvolume/blob-pv created
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl apply -f blob-pvc.yaml
persistentvolumeclaim/blob-pvc created
```

```
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl get pv,pvc
NAME                       CAPACITY   ACCESS MODES   RECLAIM POLICY   STATUS   CLAIM              STORAGECLASS   VOLUMEATTRIBUTESC
persistentvolume/blob-pv   5Gi        RWX            Retain           Bound    default/blob-pvc                  <unset>

NAME                             STATUS   VOLUME    CAPACITY   ACCESS MODES   STORAGECLASS   VOLUMEATTRIBUTESCLASS   AGE
persistentvolumeclaim/blob-pvc   Bound    blob-pv   5Gi        RWX                           <unset>                 6s
```

```
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl apply -f modified-store-front.yaml

deployment.apps/store-front configured
(base) aristotle@Aristotles-MacBook-Air-3 aks-store-demo % kubectl get pods
NAME                               READY   STATUS              RESTARTS   AGE
makeline-service-6c8ffb5857-nmvdk  1/1     Running             0          70m
mongodb-0                          1/1     Running             0          70m
order-service-5c85f45984-2wfpg     1/1     Running             0          70m
product-service-5b8794b597-8pqm7   1/1     Running             0          70m
rabbitmq-0                         1/1     Running             0          70m
store-front-6ff78d4f79-456qp       1/1     Running             0          67m
store-front-6ff78d4f79-bl9cz       1/1     Running             0          63m
store-front-6ff78d4f79-btvxp       1/1     Running             0          61m
store-front-6ff78d4f79-fsrrx       1/1     Running             0          65m
virtual-customer-f5d4cd9f7-hpq7z   1/1     Running             0          70m
virtual-worker-865bcdf78f-mbhr8    1/1     Running             0          70m
```