Practical Task 2: Lifecycle Management for Blob Storage

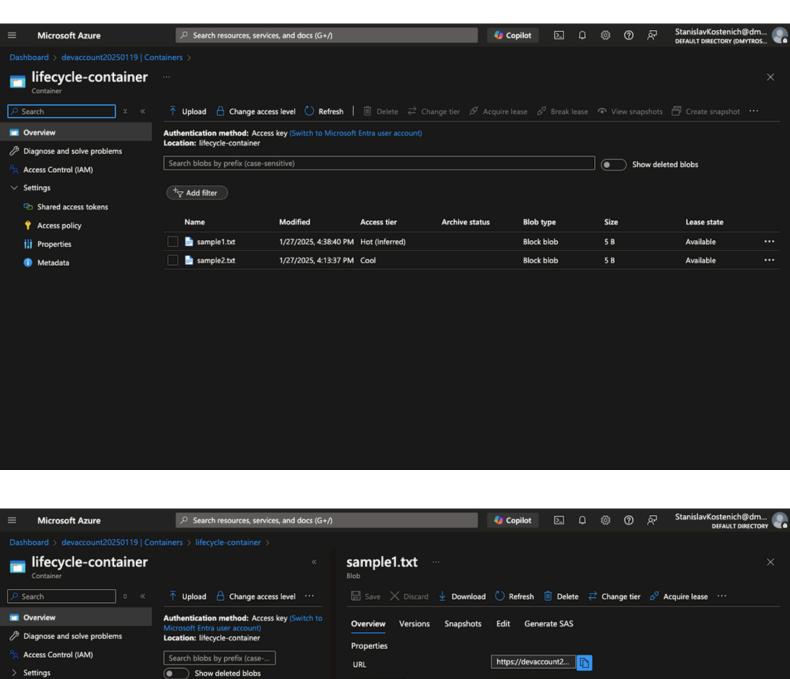
Implement lifecycle management policies to optimize storage costs.

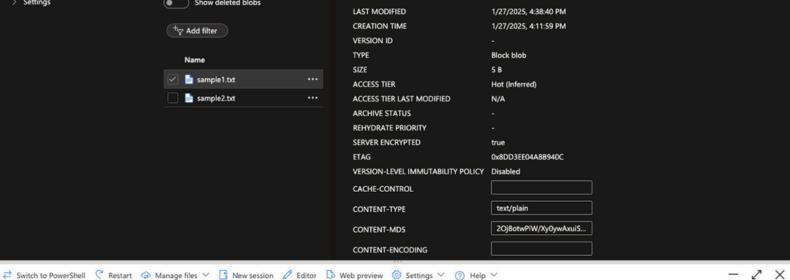
Requirements:

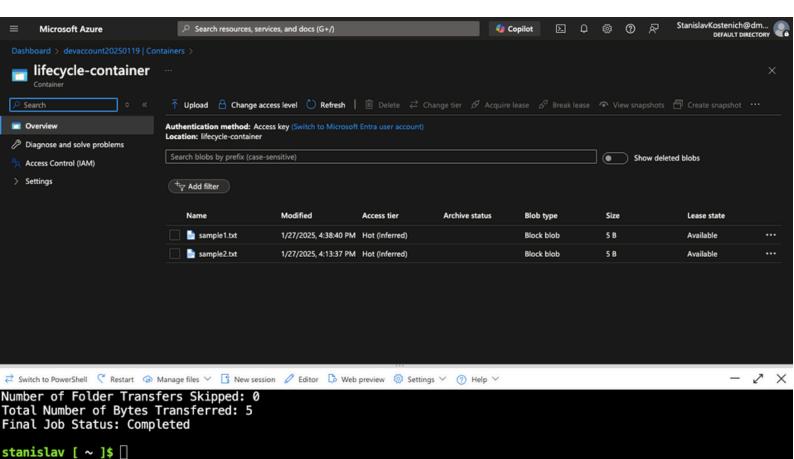
- Create a storage account and a Blob container named "lifecycle-container."
- 2. Upload multiple files of varying sizes to the container.
- Create a lifecycle management policy to move blobs to the Cool tier after 30 days and delete blobs older than 90 days.
- 4. Simulate policy execution by manually testing with different file creation timestamps.
- 5. Verify that blobs are moved or deleted according to the policy.

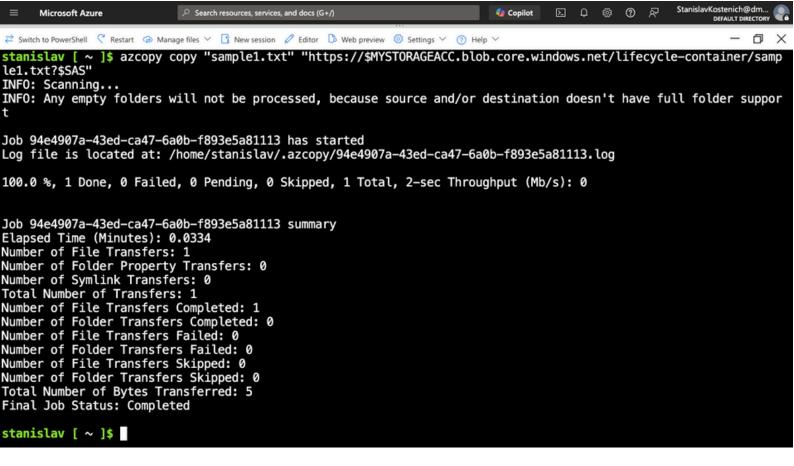
Practical Task 3: Implementing an Azure Queue for Message Storage

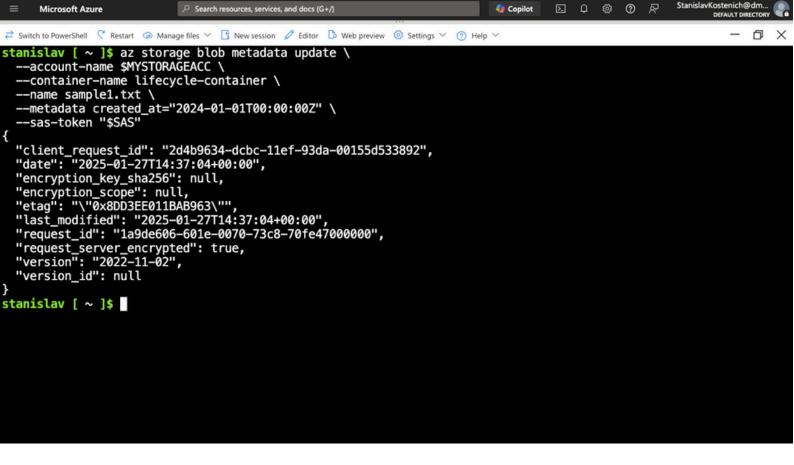
Create and manage an Azure Queue to store and process messages.



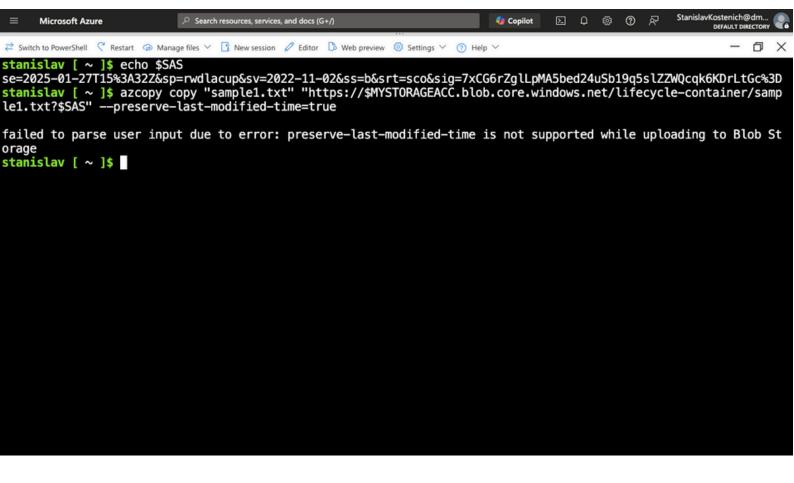


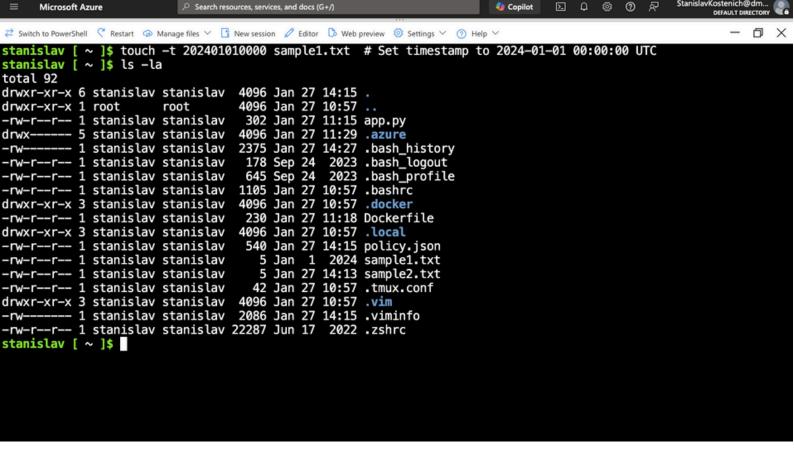






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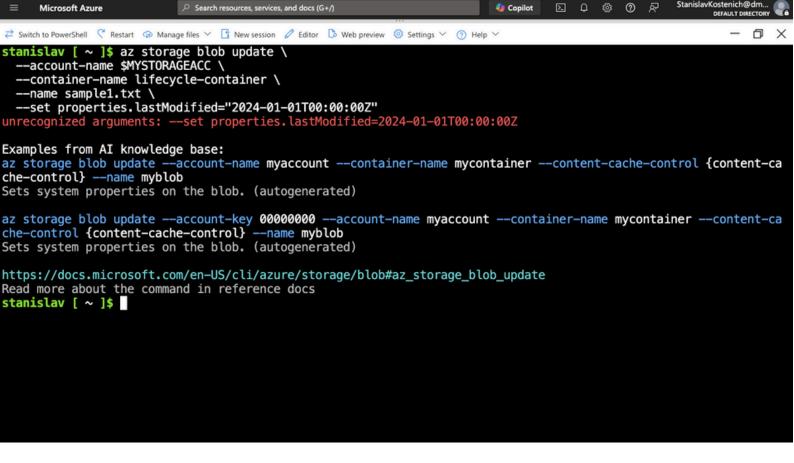
Microsoft Azure

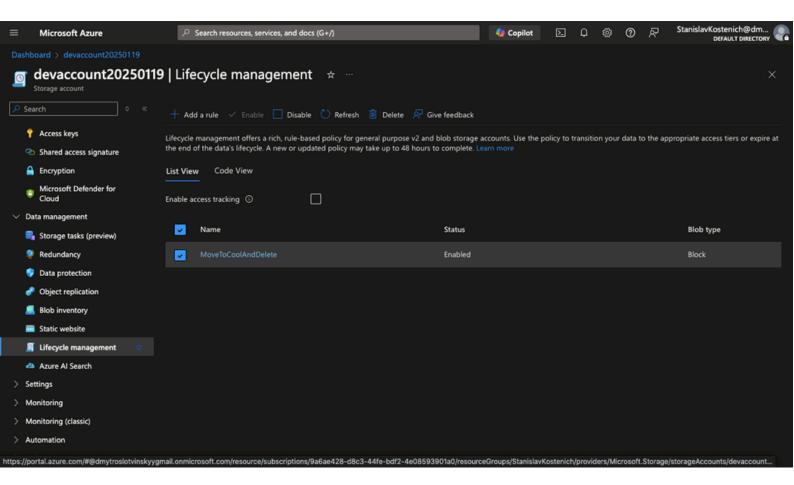
StanislavKostenich@dm

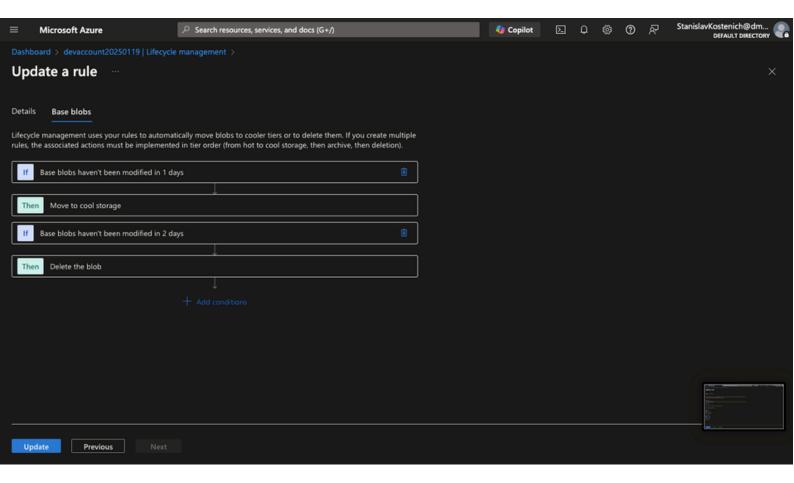
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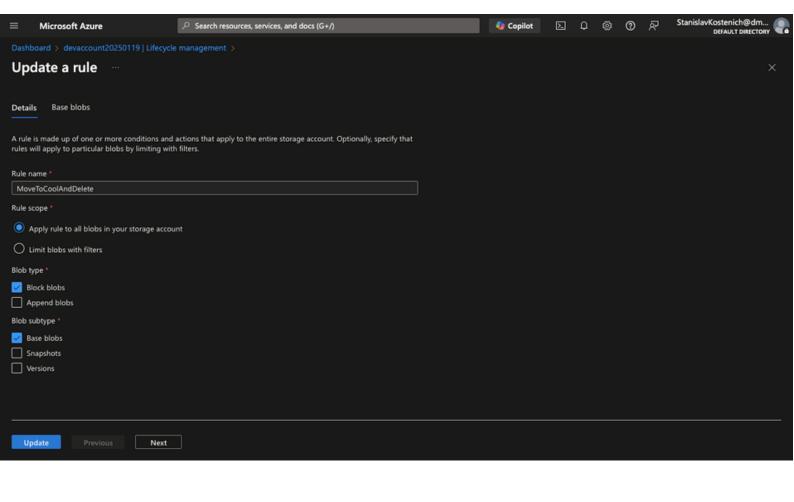
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∠ Switch to PowerShell 
∠ Restart 
→ Manage files 
∠ 
☐ New session 
∠ Editor 
→ Web preview 
⑤ Settings 
∠ 
⊘ Help 
∠
stanislav [ ~ ]$ az storage account management-policy create
                                                                                          --account-name $MYSTORAGEACC --resource-group
 StanislavKostenich
                               --policy @policy.json
"id": "/subscriptions/9a6ae428-d8c3-44fe-bdf2-4e08593901a0/resourceGroups/StanislavKostenich/providers/Microso ft.Storage/storageAccounts/devaccount20250119/managementPolicies/default", "lastModifiedTime": "2025-01-27T14:16:46.940128+00:00", "name": "DefaultManagementPolicy",
  "policy": {
    "rules": [
          "definition": {
             "actions": {
    "baseBlob": {
      "delete": {
                     "daysAfterCreationGreaterThan": null,
                      "daysAfterLastAccessTimeGreaterThan": null,
                      "daysAfterLastTierChangeGreaterThan": null,
                      "daysAfterModificationGreaterThan": 2.0
                  },
"enableAutoTierToHotFromCool": null,
                   "tierToArchive": null,
"tierToCold": null,
                   "tierToCool": {
                      "daysAfterCreationGreaterThan": null,
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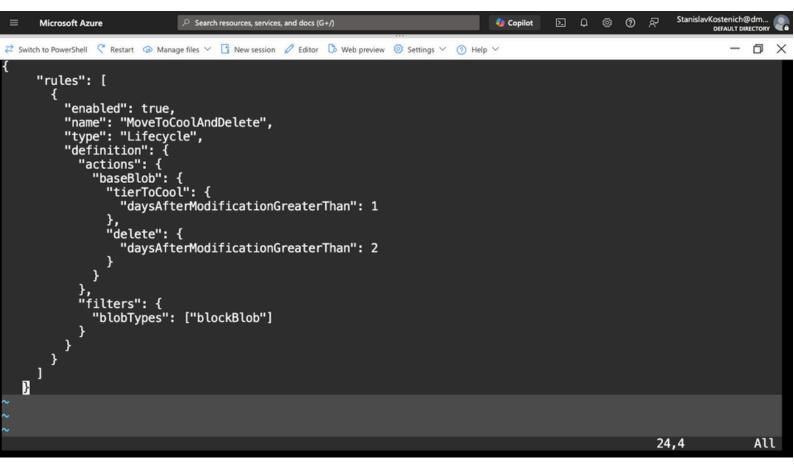
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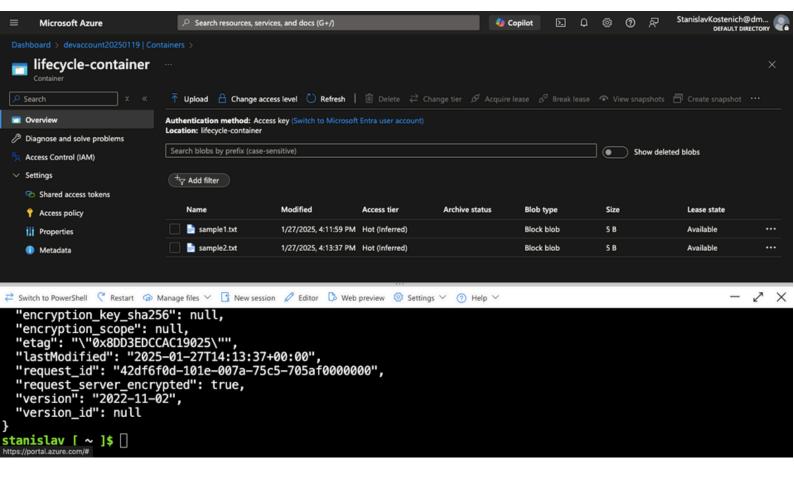
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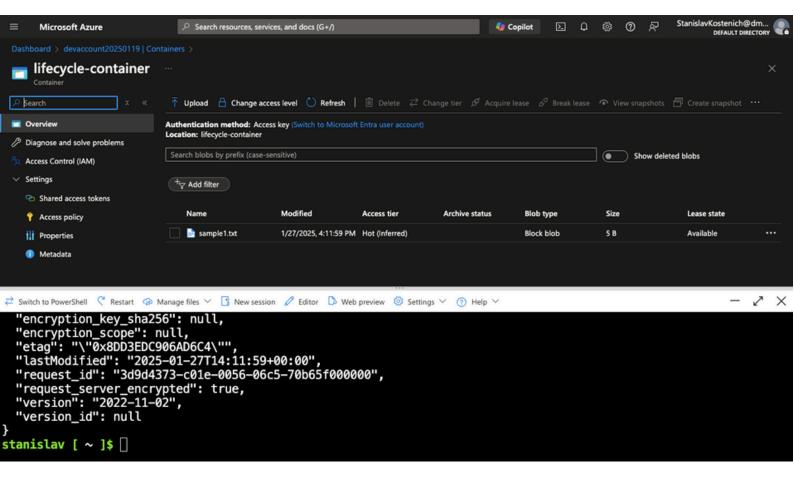
Search resources, services, and docs (G+/)

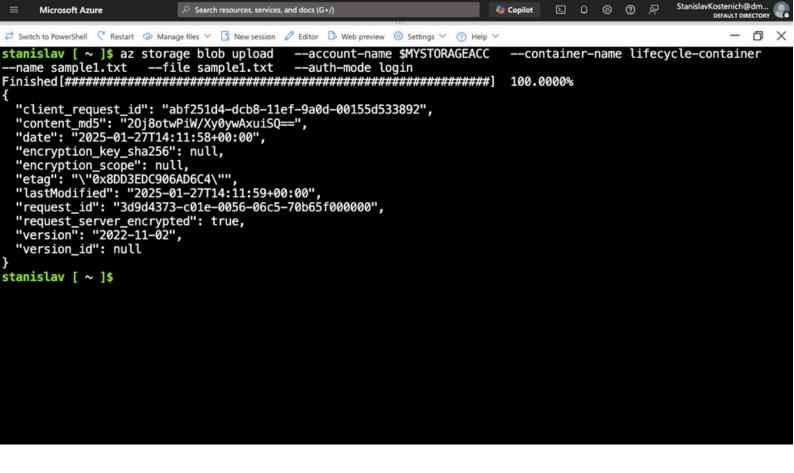
Microsoft Azure

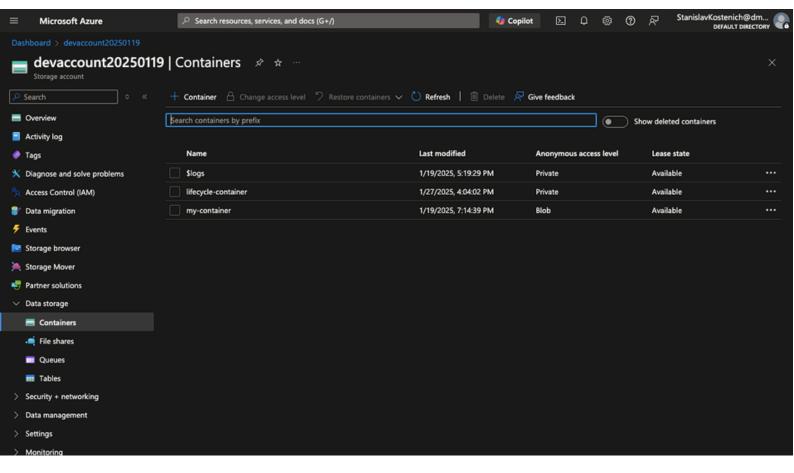
StanislavKostenich@dn

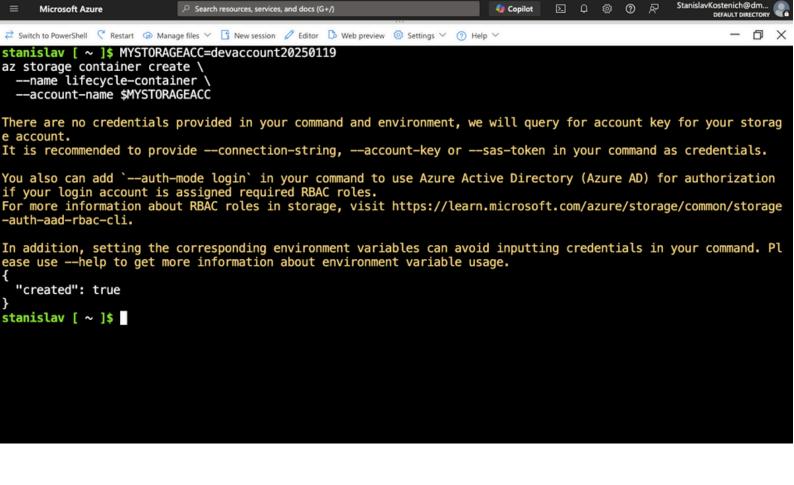


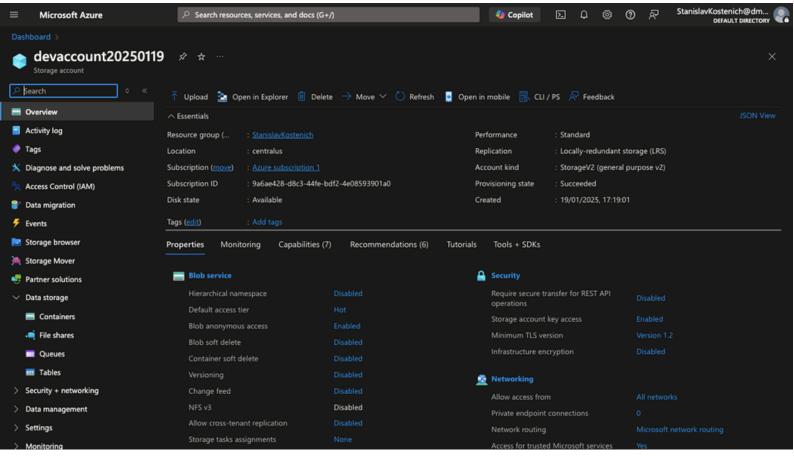












Practical Task 2: Lifecycle Management for Blob Storage

Implement lifecycle management policies to optimize storage costs.

Requirements:

- 1. Create a storage account and a Blob container named "lifecycle-container."
- 2. Upload multiple files of varying sizes to the container.
- Create a lifecycle management policy to move blobs to the Cool tier after 30 days and delete blobs older than 90 days.
- 4. Simulate policy execution by manually testing with different file creation timestamps.
- 5. Verify that blobs are moved or deleted according to the policy.

Practical Task 3: Implementing an Azure Queue for Message Storage

Create and manage an Azure Queue to store and process messages.