Azure Storage and Resource Governance

Project Overview

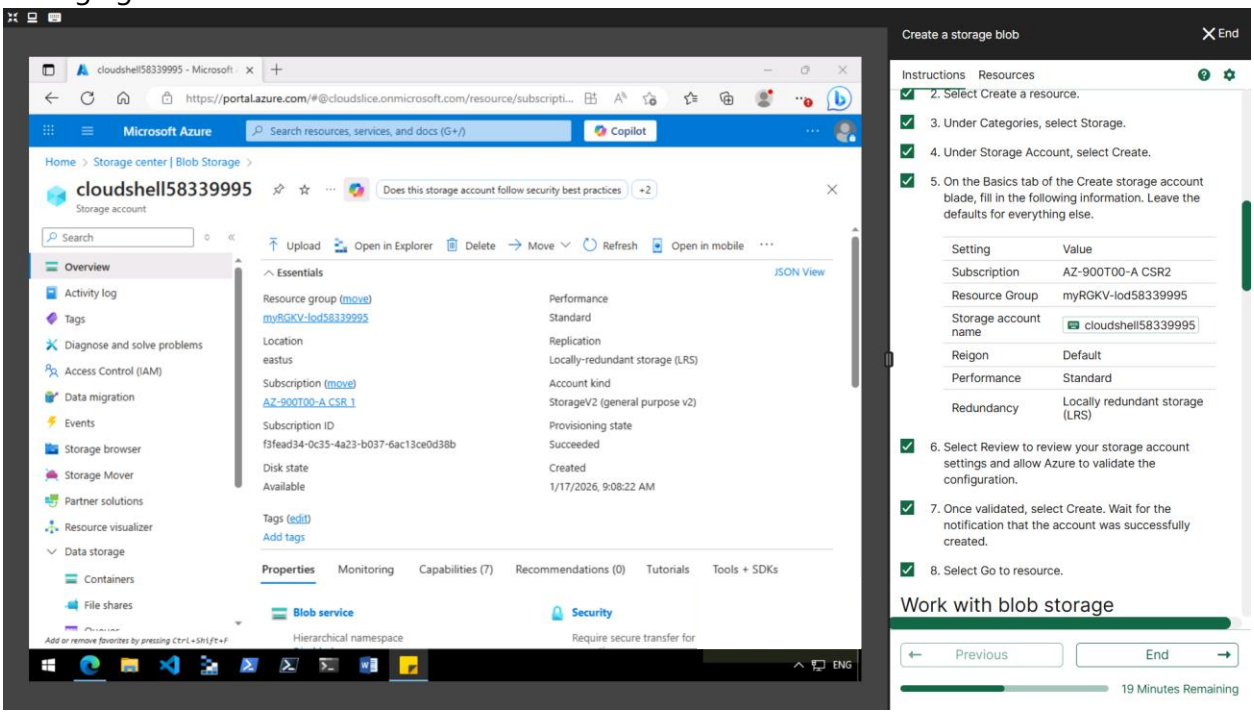
This document summarizes hands-on experience configuring Azure storage services and applying governance controls using the Azure Portal.

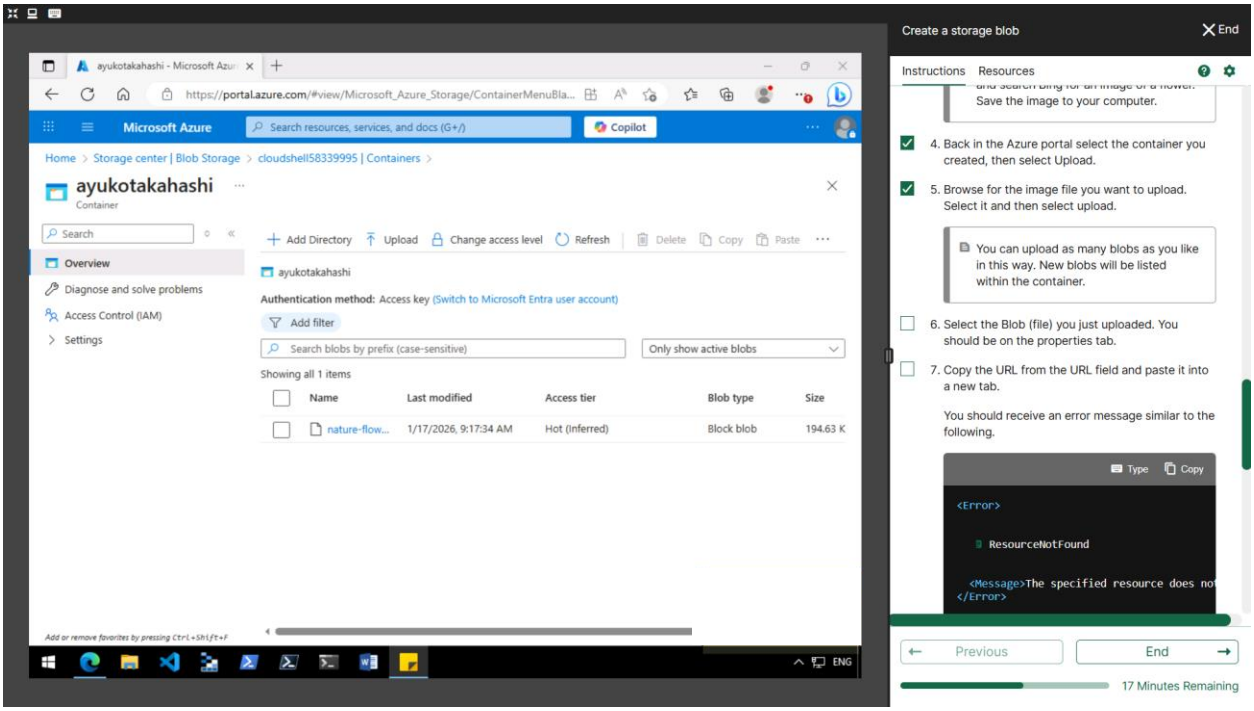
- Configured Azure Blob Storage for cloud-based data management

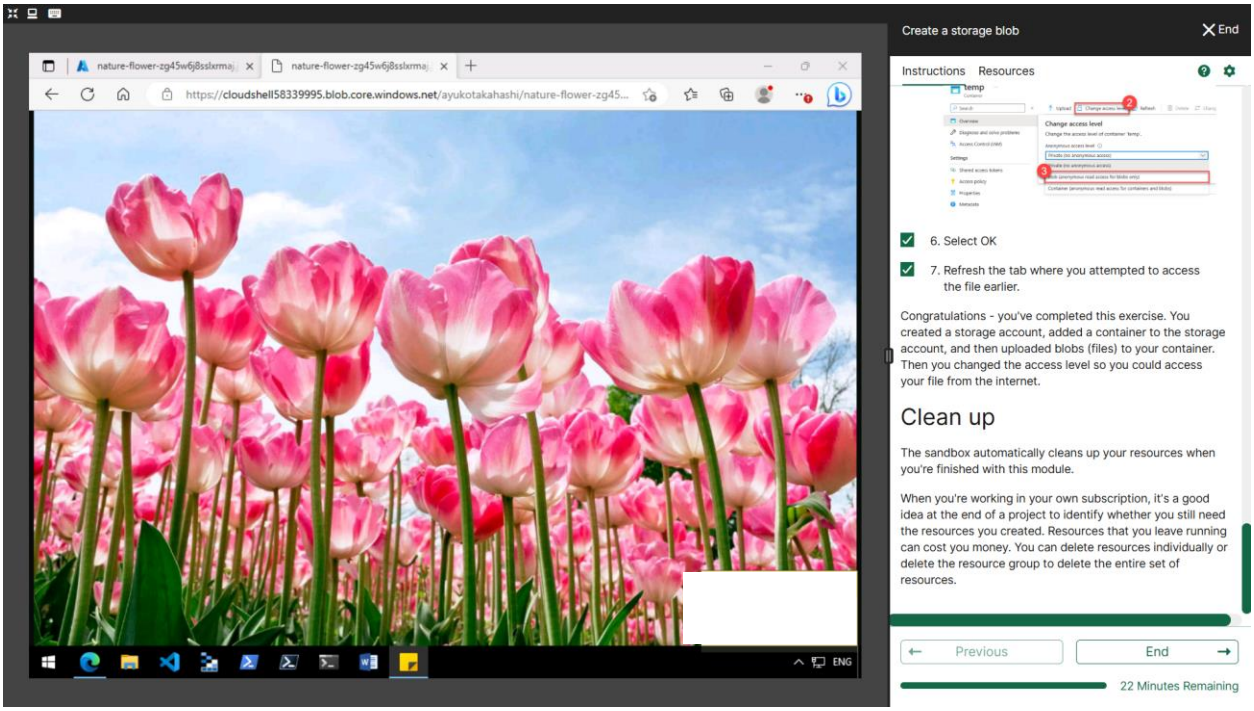
- Applied resource locks to protect critical Azure resources

Azure Blob Storage Configuration

This section documents the creation and configuration of Azure Blob Storage using the Azure Portal, including storage account setup, container creation, and basic configuration decisions for managing cloud-based data.




Create a storage blob
End
Instructions
Resources
Save the image to your computer.
4. Back in the Azure portal select the container you created, then select Upload.
5. Browse for the image file you want to upload. Select it and then select upload.
You can upload as many blobs as you like in this way. New blobs will be listed within the container.
6. Select the Blob (file) you just uploaded. You should be on the properties tab.
7. Copy the URL from the URL field and paste it into a new tab.
You should receive an error message similar to the following.
Type
Copy
<Error>
ResourceNotFound
<Message>The specified resource does not
</Error>
Previous
End
17 Minutes Remaining
Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
Home > Storage center | Blob Storage > cloudshell58339995 | Containers >
ayukotakahashi
Container
Add Directory
Upload
Change access level
Refresh
Delete
Copy
Paste
Overview
Diagnose and solve problems
Access Control (IAM)
Settings
Authentication method: Access key (Switch to Microsoft Entra user account)
Add filter
Search blobs by prefix (case-sensitive)
Only show active blobs
Showing all 1 items
Name
Last modified
Access tier
Blob type
Size
nature-flow...
1/17/2026, 9:17:34 AM
Hot (Inferred)
Block blob
194.63 K


Create a storage blob
End
Instructions
Resources
6. Select OK
7. Refresh the tab where you attempted to access the file earlier.
Congratulations - you've completed this exercise. You created a storage account, added a container to the storage account, and then uploaded blobs (files) to your container. Then you changed the access level so you could access your file from the internet.
Clean up
The sandbox automatically cleans up your resources when you're finished with this module.
When you're working in your own subscription, it's a good idea at the end of a project to identify whether you still need the resources you created. Resources that you leave running can cost you money. You can delete resources individually or delete the resource group to delete the entire set of resources.
Previous
End
22 Minutes Remaining
https://cloudshell58339995.blob.core.windows.net/ayukotakahashi/nature-flower-zg45...

Resource Lock Configuration

This section documents the application of Azure resource locks to protect critical resources from accidental modification or deletion, demonstrating governance and risk management best practices.