

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.

The screenshot shows the Azure Portal interface for managing a storage account. The left sidebar navigation includes Home, Storage center, Blob Storage, and a list of storage accounts (e.g., 'cloudshell58339995'). The main content area displays the properties of the selected storage account ('cloudshell58339995'). The 'Properties' tab is active, showing details such as Resource group (mv6GKV-1od58339995), Location (eastus), Subscription (AZ-900T00-A CSR_1), Disk state (Available), and Tags (edit). The 'Blob service' and 'Security' sections are also visible at the bottom.

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Search resources, services, and docs (G+/)

Copilot

Home > Storage center | Blob Storage > cloudshell58339995 | Containers >

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Container

Add Directory Upload Change access level Refresh

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

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Authentication method: Access key (Switch to Microsoft Entra user account)

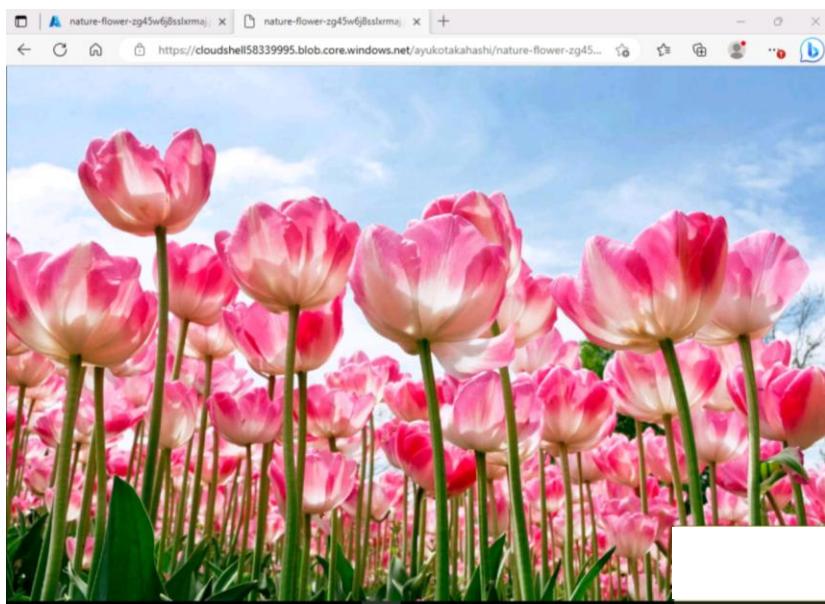
Add filter

Search blobs by prefix (case-sensitive) Only show active blobs

Showing all 1 item

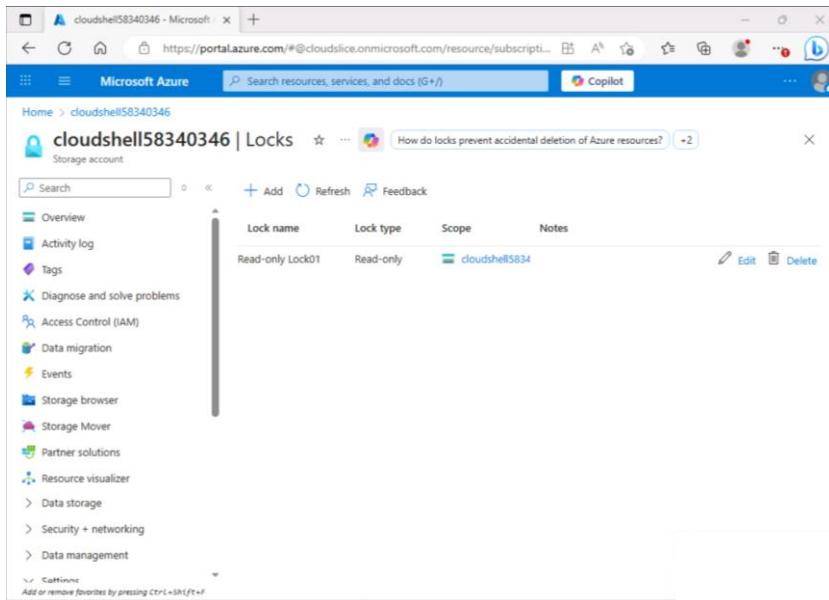
Name	Last modified	Access tier	Blob type	Size
nature-flow...	1/17/2026, 9:17:34 AM	Hot (Inferred)	Block blob	194.63 K

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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.



The screenshot shows the Microsoft Azure portal interface. The left sidebar is collapsed, showing a list of services including Overview, Activity log, Tags, Diagnose and solve problems, Access Control (IAM), Data migration, Events, Storage browser, Storage Mover, Partner solutions, Resource visualizer, Data storage, Security + networking, and Data management. The main content area is titled "cloudshell58340346 | Locks". It displays a table with one row of data:

Lock name	Lock type	Scope	Notes
Read-only Lock01	Read-only	cloudshell5834	

Below the table are "Edit" and "Delete" buttons. At the top of the main content area, there is a search bar and a link to "How do locks prevent accidental deletion of Azure resources?".