

Introduction to Cloud Computing

LAB 08

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BSSE 7-B

Task 1: Add a Lock to the resource group and test deletion

The screenshot shows the Microsoft Azure portal interface. At the top, the header bar includes the Microsoft Azure logo, a search bar, and various utility icons. The user's profile is visible in the top right corner with the email address 'bsse2280143@szabist.pk'. The main content area displays the 'Locks' page for the resource group 'myRGLocks'. On the left, a navigation pane lists various Azure services, with 'Locks' currently selected. The main pane shows a table with columns for 'Lock name', 'Lock type', 'Scope', and 'Notes'. Below the table header, a message states 'This resource has no locks.'.

Lock name	Lock type	Scope	Notes
This resource has no locks.			

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Add lock

Lock name *

Lock type *

Notes

Microsoft Azure Search resources, services, and docs (G+/I) Copilot bse2280143@szabist.pk DEFAULT DIRECTORY (BSSE22801...

Home > myRGLocks

myRGLocks | Locks

Resource group

Search

+ Add Refresh Feedback

Lock name	Lock type	Scope	Notes
RGLock	Delete	myRGLocks	Edit Delete

Events

Settings

- Deployments
- Security
- Deployment stacks
- Policies
- Properties
- Locks**
- > Cost Management
- > Monitoring
- > Automation
- > Help

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Microsoft Azure

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

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Home >

myRGLocks
Resource group

Search

Overview

- Activity log
- Access control (IAM)
- Tags
- Resource visualizer
- Events
- Settings
 - Deployments
 - Security
 - Deployment stacks
 - Policies
 - Properties

+ Create Manage view Delete resource group Refresh Export to CSV Open

Essentials

Resources Recommendations

Filter for any field... Type equals all Location equals all + Add filter

No resources match your filters

Try changing or clearing your filters.

+ Create Clear filters

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Task 2: Test deleting a member of the resource group

Microsoft Azure

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Home > Storage center | Blob Storage >

Create a storage account

Subscription: Azure for Students

Resource group: myRGLocks

Location: Central India

Storage account name: storageaccount098h

Preferred storage type: Standard

Performance: Standard

Replication: Locally-redundant storage (LRS)

Advanced

- Enable hierarchical namespace: Disabled
- Enable SFTP: Disabled
- Enable network file system v3: Disabled
- Allow cross-tenant replication: Disabled
- Access tier: Hot

Previous Next Create

Give feedback

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The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and a Copilot button. The user's profile is visible in the top right corner. The main content area displays the Overview page for the storage account 'storageaccount098h'. The left sidebar contains a list of navigation options: Overview, Activity log, Tags, Diagnose and solve problems, Access Control (IAM), Data migration, Events, Storage browser, Storage Mover, Partner solutions, Resource visualizer, and Data storage. The main content area is divided into two sections: Essentials and Properties. The Essentials section lists various attributes of the storage account, including Resource group, Location, Subscription, Subscription ID, Disk state, and Tags. The Properties section shows the Performance, Standard, Replication, Account kind, Provisioning state, and Created date.

Microsoft Azure | Search resources, services, and docs (G+)

Home > storageaccount098h_1763216574858 | Overview >

storageaccount098h
Storage account

Search

Overview

- Activity log
- Tags
- Diagnose and solve problems
- Access Control (IAM)
- Data migration
- Events
- Storage browser
- Storage Mover
- Partner solutions
- Resource visualizer
- Data storage

Upload | Open in Explorer | Delete | Move | Refresh | Open in mobile | CLI / PS | Feedback

Essentials

Resource group (move)
myRGLocks

Location
centralindia

Subscription (move)
Azure for Students

Subscription ID
08961442-0f0c-42c9-828a-eb31cd3c44ff

Disk state
Available

Tags (edit)
Add tags

Performance
Standard
Replication
Locally-redundant storage (LRS)
Account kind
StorageV2 (general purpose v2)
Provisioning state
Succeeded
Created
15/11/2025, 19:24:32

Properties | Monitoring | Capabilities (7) | Recommendations (0) | Tutorials | Tools + SDKs

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The screenshot shows the Microsoft Azure portal interface with the 'Delete storage account' dialog box open. The dialog box contains the following information:

- The following storage account and its contents will be deleted.**
- Resource to be deleted:** storageaccount098h
- Dependent resources to be deleted:** The data provided is regularly updated about 2-4 times a day and published hourly. If your account has extremely large objects, it may be over a day between updates.
- Resource** | **Number of instances** | **Total data stored**
- Containers** | - | -
- File shares** | - | -

A warning message states: 'storageaccount098h' can't be deleted because this resource or its parent has a delete lock. Locks must be removed before this resource can be deleted. [Learn more about delete locks](#)

Buttons: Delete, Cancel, Give feedback

Microsoft Azure | Search resources, services, and docs (G+)

Home > storageaccount098h_1763216574858 | Overview >

storageaccount098h
Storage account

Search

Overview

- Activity log
- Tags
- Diagnose and solve problems
- Access Control (IAM)
- Data migration
- Events
- Storage browser
- Storage Mover
- Partner solutions
- Resource visualizer
- Data storage

Upload | Open in Explorer | Delete | Move | Refresh | Open in mobile | CLI / PS | Feedback

Essentials

Resource group (move)
myRGLocks

Location
centralindia

Subscription (move)
Azure for Students

Subscription ID
08961442-0f0c-42c9-828a-eb31cd3c44ff

Disk state
Available

Tags (edit)
Add tags

Properties | Monitoring | Capabilities (7) | Recommendations (0) | Tutorials | Tools + SDKs

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Task 3: Remove the resource lock

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Home > Resource Manager | Resource groups > myRGLocks

myRGLocks | Locks

Can a resource locked for 'ReadOnly' be modified? How do locks prevent accidental deletion of Az

Deleted lock

The lock named 'RGLock' in resource group 'myRGLocks' was successfully deleted.

Search

+ Add Refresh Feedback

Lock name	Lock type	Scope	Notes
This resource has no locks.			

Events

Settings

- Deployments
- Security
- Deployment stacks
- Policies
- Properties
- Locks**
- Cost Management
- Monitoring
- Automation
- Help

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Microsoft Azure

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Copilot

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DEFAULT DIRECTORY (BSSE22801...

Home >

storageaccount098h

Storage account

Ensure disaster recovery readiness for storage acc

Search

Upload Open in Explorer Delete Move

Essentials

Resource group (move)

myRGLocks

Location

centralindia

Subscription (move)

Azure for Students

Subscription ID

08961442-0f0c-42c9-828a-eb31cd3c44ff

Disk state

Available

Tags (edit)

Add tags

Properties Monitoring Capabilities (7) Recommendation

Add or remove favorites by pressing Ctrl+Shift+F

Delete storage account

The following storage account and its contents will be deleted.

Resource to be deleted

storageaccount098h

Dependent resources to be deleted

The data provided is regularly updated about 2-4 times a day and published hourly. If your account has extremely large objects, it may be over a day between updates.

Resource	Number of instances	Total data stored
Containers	-	-
File shares	-	-
Tables	-	-

Enter storage account name to confirm deletion *

storageaccount098h

Delete Cancel

Give feedback

Successfully deleted storage account

Successfully deleted storage account 'storageaccount098h'.