

Introduction To Cloud Computing

LAB 08

Name: Misha Sohail

ID: 2280149

BS-SE 7B

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

The image shows two screenshots of the Microsoft Azure portal. The top screenshot is the 'Create a resource group' page. It features a blue header with the Microsoft Azure logo, a search bar, and a Copilot button. The breadcrumb trail is 'Home > Resource Manager | Resource groups >'. The main heading is 'Create a resource group'. Below this, there are tabs for 'Basics', 'Tags', and 'Review + create'. The 'Basics' tab is selected. A description of a resource group is provided. Below the description, there are three fields: 'Subscription' (set to 'Azure for Students'), 'Resource group name' (set to 'myRGLocks'), and 'Region' (set to '(Asia Pacific) Central India'). At the bottom, there are buttons for 'Previous', 'Next', and 'Review + create', along with a 'WhatsApp' button.

The bottom screenshot is the 'myRGLocks | Locks' page. It shows the breadcrumb trail 'Home > Resource Manager | Resource groups > myRGLocks'. The main heading is 'myRGLocks | Locks'. Below this, there is a search bar and a list of actions: '+ Add', 'Refresh', and 'Feedback'. A table with columns 'Lock name', 'Lock type', 'Scope', and 'Notes' is shown. The table is empty, and a message states 'This resource has no locks.' On the left side, there is a sidebar with a search bar and a list of navigation items: 'Resource visualizer', 'Events', 'Settings', 'Deployments', 'Security', 'Deployment stacks', 'Policies', 'Properties', 'Locks' (selected), 'Cost Management', and 'Monitoring'. At the bottom, there is a footer with the text 'Add or remove favorites by pressing Ctrl+Shift+F'.

Microsoft Azure Search resources, services, and docs (G+/) Copilot bsse2280149@szabist.pk DEFAULT DIRECTORY (BSSE22801...

Home > Resource Manager | Resource groups > myRGLocks

myRGLocks | Locks Can multiple users in my tenant manage my locks? What are the best practices for locking resources in Azure? +1

Search + Add Refresh Feedback

Resource visualizer
Events
Settings
Deployments
Security
Deployment stacks
Policies
Properties
Locks
Cost Management
Monitoring

Add lock

Lock name * RGLock Lock type * Delete

Notes

OK Cancel

Add or remove favorites by pressing Ctrl+Shift+F

✓ Created lock

Creating lock 'RGLock' in resource group 'myRGLocks' succeeded.

otes

Microsoft Azure Search resources, services, and docs (G+/) Copilot bsse2280149@szabist.pk DEFAULT DIRECTORY (BSSE22801...

Home > Resource Manager | Resource groups > myRGLocks

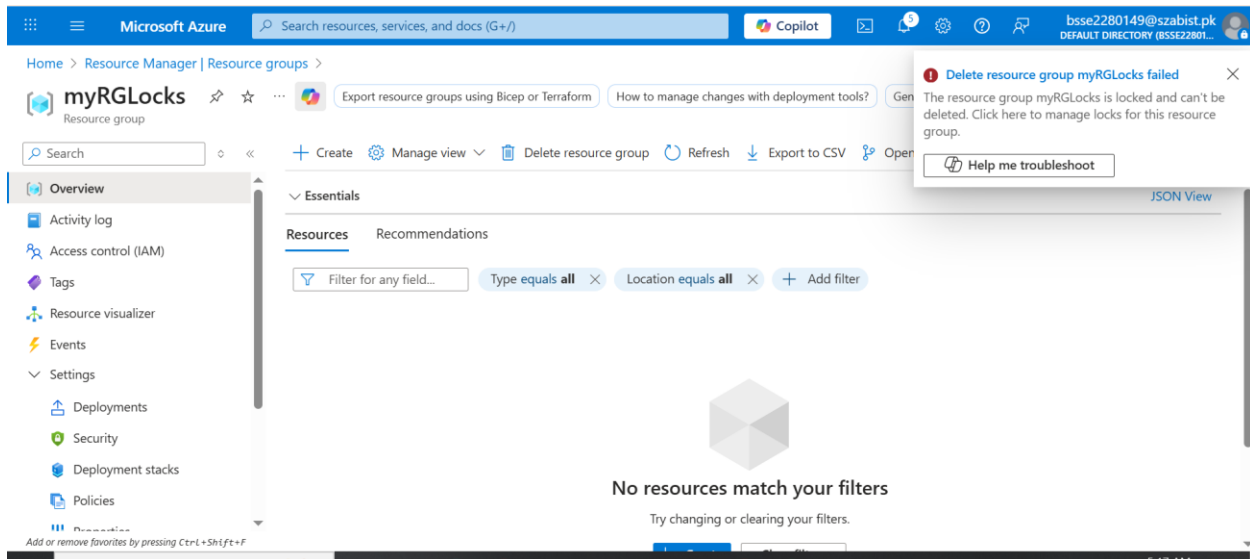
myRGLocks | Locks Can multiple users in my tenant manage my locks? What are the best practices for locking resources in Azure? +1

Search + Add Refresh Feedback

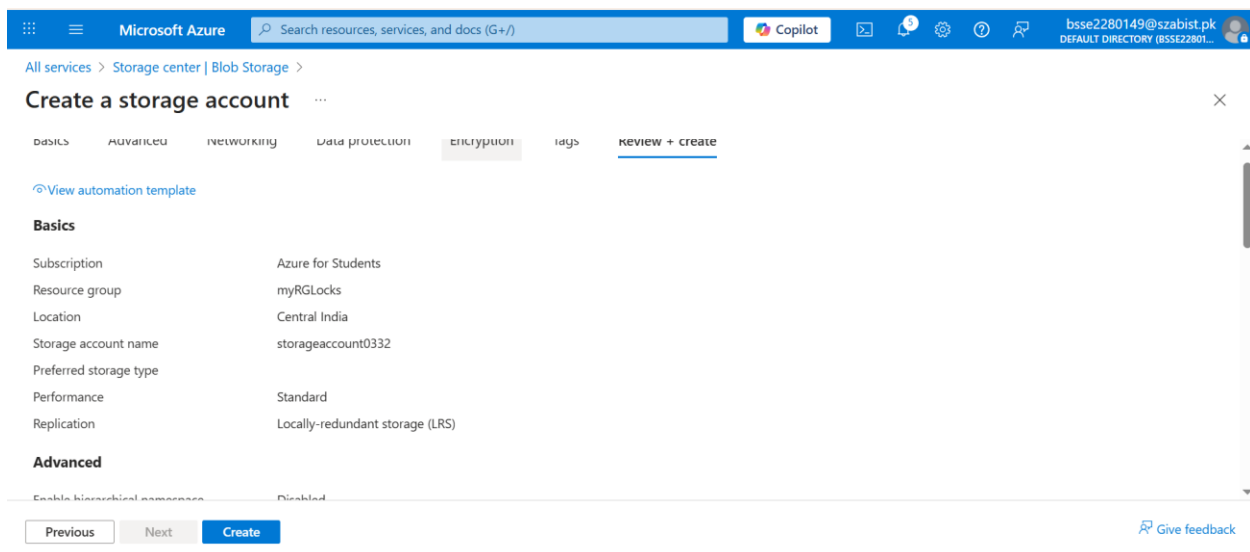
Resource visualizer
Events
Settings
Deployments
Security
Deployment stacks
Policies
Properties
Locks
Cost Management
Monitoring

Lock name	Lock type	Scope	Notes
RGLock	Delete	myRGLocks	Edit Delete

Add or remove favorites by pressing Ctrl+Shift+F



Task 2: Test deleting a member of the resource group:



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

bsse2280149@szabist.pk
DEFAULT DIRECTORY (BSSE22801...)

All services > storageaccount0332_1762476375124 | Overview >

storageaccount0332

Storage account

Audit disaster recovery readiness for this storage account | Assess data resiliency for this storage account +1

Search

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

Essentials

Resource group (move)
[myRGLocks](#)

Location
centralindia

Subscription (move)
[Azure for Students](#)

Subscription ID
504b0a3b-5612-41db-b87d-61c0d67009e3

Disk state
Available

Tags (edit)
[Add tags](#)

Performance
Standard

Replication
Locally-redundant storage (LRS)

Account kind
StorageV2 (general purpose v2)

Provisioning state
Succeeded

Created
07/11/2025, 05:47:49

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

WhatsApp

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

bsse2280149@szabist.pk
DEFAULT DIRECTORY (BSSE22801...)

All services > storageaccount0332_1762476375124 | Overview >

storageaccount0332

Storage account

Audit disaster recovery readiness for this 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

Essentials

Upload | Open in Explorer | Delete | Move

Resource group (move)
[myRGLocks](#)

Location
centralindia

Subscription (move)
[Azure for Students](#)

Subscription ID
504b0a3b-5612-41db-b87d-61c0d67009e3

Disk state
Available

Tags (edit)
[Add tags](#)

Delete storage account

The following storage account and its contents will be deleted.

Resource to be deleted

- storageaccount0332

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	-	-

'storageaccount0332' 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](#)

Delete | Cancel

Give feedback

Task 3: Remove the resource lock:

Microsoft Azure | Search resources, services, and docs (G+/I) | Copilot | bsse2280149@szabist.pk | DEFAULT DIRECTORY (BSSE22801...)

Home > Resource Manager | Resource groups > myRGLocks

myRGLocks | Locks

Resource group

Search events

+ Add Refresh Feedback

Lock name	Lock type	Scope	Notes
RGLock	Delete	myRGLocks	Edit Delete

Settings

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

Add or remove favorites by pressing Ctrl+Shift+F

Microsoft Azure | Search resources, services, and docs (G+/I) | Copilot | bsse2280149@szabist.pk | DEFAULT DIRECTORY (BSSE22801...)

Home > Resource Manager | Resource groups > myRGLocks

myRGLocks | Locks

Resource group

Search events

+ Add Refresh Feedback

Lock name	Lock type	Scope	Notes
RGLock	Delete	myRGLocks	Edit Delete

Delete lock

Are you sure you want to delete this lock?

[Delete](#) [Go back](#)

Settings

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

Add or remove favorites by pressing Ctrl+Shift+F

Microsoft Azure | Search resources, services, and docs (G+/I) | Copilot | bsse2280149@szabist.pk | DEFAULT DIRECTORY (BSSE22801...)

Home > Resource Manager | Resource groups > myRGLocks

myRGLocks | Locks

Resource group

Search events

+ Add Refresh Feedback

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

Deleted lock

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

Settings

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

Add or remove favorites by pressing Ctrl+Shift+F

Tune here to search | 17°C | 5:53 AM

Microsoft Azure

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

Copilot

bsse2280149@szabist.pk
DEFAULT DIRECTORY (BSSE22801...

Home > myRGLocks >

storageaccount0332

Storage account

Search

Improve storage account data protection

Overview

Activity log

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Storage Mover

Partner solutions

Resource visualizer

Upload

Open in Explorer

Delete

Move

Essentials

Resource group (move)

myRGLocks

Location

centralindia

Subscription (move)

Azure for Students

Subscription ID

504b0a3b-5612-41db-b87d-61c0d67009e3

Disk state

Available

Tags (edit)

Add tags

Delete storage account

The following storage account and its contents will be deleted.

Resource to be deleted

storageaccount0332

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 *

storageaccount0332

Delete

Cancel

Give feedback

Microsoft Azure

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

Copilot

bsse2280149@szabist.pk
DEFAULT DIRECTORY (BSSE22801...

Home >

myRGLocks

Resource group

Search

How to manage these changes more efficiently with deployment tools?

How to manage changes with deployment tools?

Overview

Activity log

Access control (IAM)

Create

Manage view

Delete resource group

Refresh

Export to CSV

Open query

Group by none

Essentials

Resources

Recommendations

JSON View

Successfully deleted storage account

Successfully deleted storage account 'storageaccount0332'.