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Section: B

Lab 08 - Manage Resource Locks

Task 1: Add a Lock to the Resource Group and Test Deletion

The screenshot shows the 'Create a resource group' wizard in the Microsoft Azure portal. The 'Basics' tab is selected. The form fields are as follows:

- Subscription: Azure for Students
- Resource group name: myRGLocks
- Region: (Asia Pacific) Central India

At the bottom, there are 'Previous' and 'Next' buttons, and a 'Review + create' button.

The screenshot shows the 'Locks' blade for the 'myRGLocks' resource group. The 'Locks' link in the sidebar is highlighted with a red box. The 'Add' button in the top navigation bar is also highlighted with a red box. A modal dialog titled 'Add lock' is open, containing the following fields:

- Lock name: RGLock
- Lock type: Delete
- Notes: (empty)

At the bottom of the dialog are 'OK' and 'Cancel' buttons.

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

Home > Resource Manager | Resource groups > myRGLocks

myRGLocks | Locks

Resource group

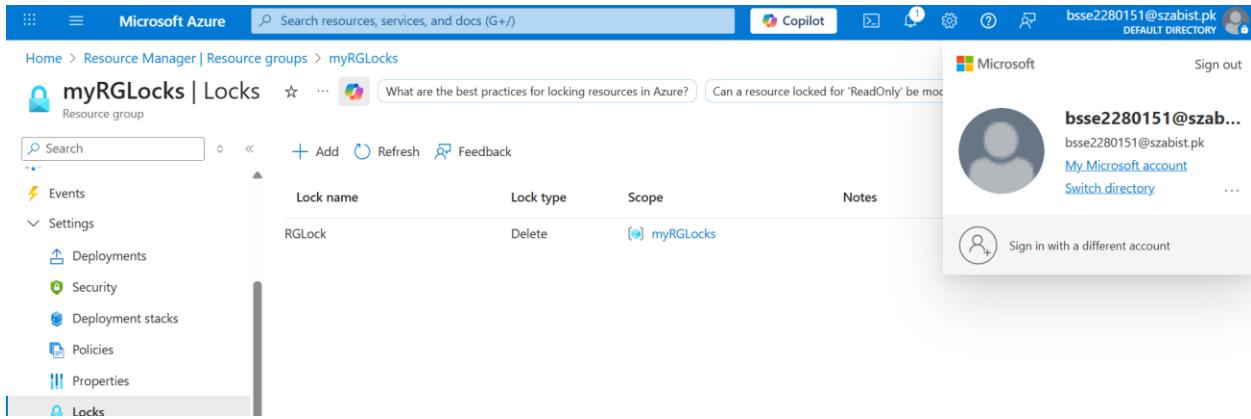
Search Add Refresh Feedback

Events Settings Deployments Security Deployment stacks Policies Properties Locks

Lock name	Lock type	Scope	Notes
RGLock	Delete	[myRGLocks]	

Sign in with a different account

bsse2280151@szabist.pk My Microsoft account Switch directory



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

Home > Resource Manager | Resource groups >

myRGLocks

Resource group

Search Create Manage view Delete resource group

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

Generate Bicep code to duplicate this resource group.

Essentials Resources Recommendations

Filter for any field... Type equals all Location equals all

Delete a resource group

The following resource group and all its dependent resources will be permanently deleted.

Resource group to be deleted

myRGLocks

Delete confirmation

Deleting this resource group and its dependent resources is a permanent action and cannot be undone.

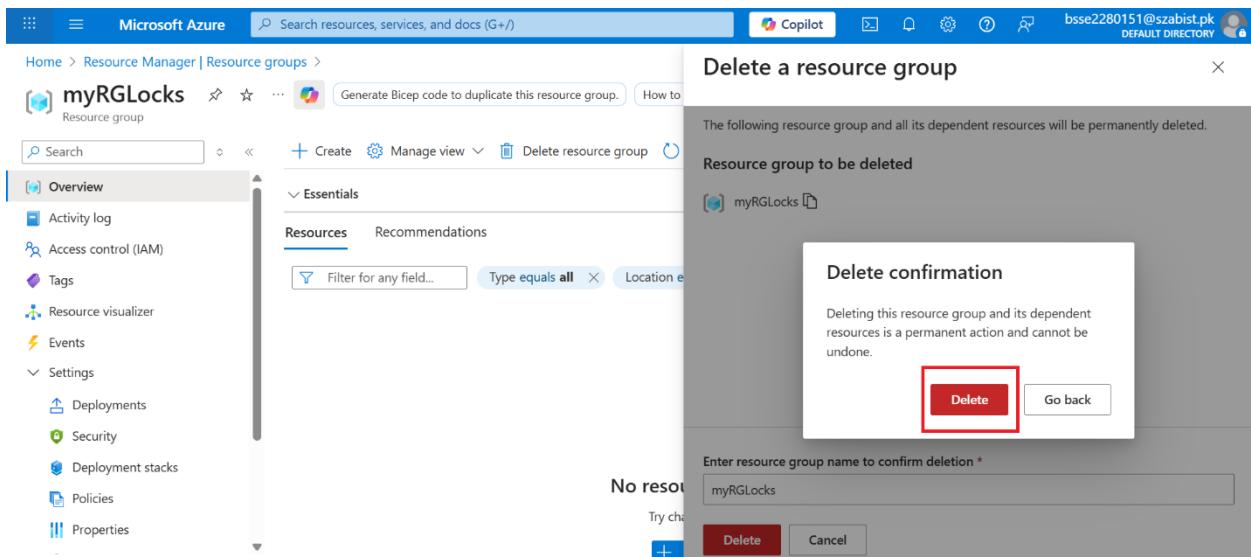
Delete Go back

No resources

Enter resource group name to confirm deletion *

myRGLocks

Delete Cancel



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

Home > Resource Manager | Resource groups >

myRGLocks

Resource group

Search Create Manage view Delete resource group Refresh Group by none

Overview Activity log Access control (IAM) Tags Resource visualizer Events

Generate Bicep code to duplicate this resource group. +2

Essentials Resources Recommendations

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

Notifications

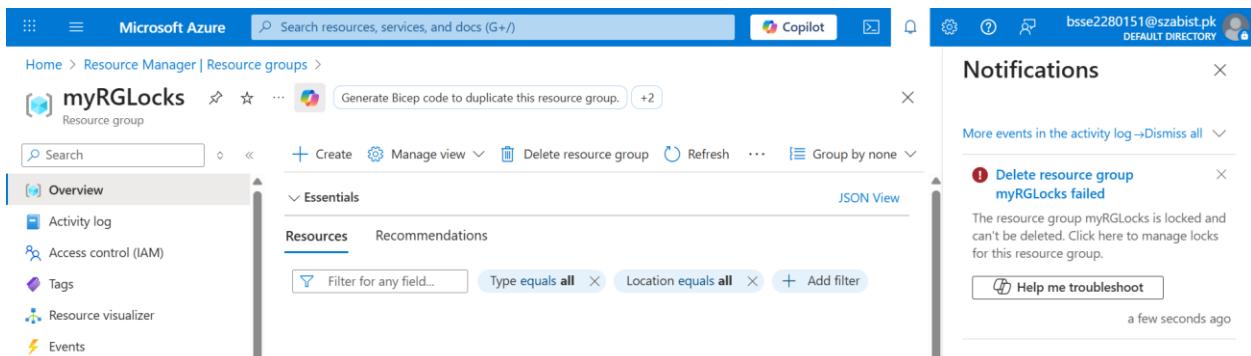
More events in the activity log → Dismiss all

Delete resource group myRGLocks failed

The resource group myRGLocks is locked and can't be deleted. Click here to manage locks for this resource group.

Help me troubleshoot

a few seconds ago



Task 2: Test Deleting a Member of the Resource Group

The screenshot shows the Microsoft Azure Storage center | Blob Storage page. The top navigation bar includes 'Microsoft Azure', a search bar, and user information. Below the navigation is a breadcrumb trail: 'All services > Storage center'. The main content area is titled 'Storage center | Blob Storage' with a sub-header 'Default Directory (bsse2280151szabist.onmicrosoft.com)'. On the left, there's a sidebar with 'Overview' and 'All storage resources' sections. The main area has tabs for 'Summary' and 'Resources', with 'Resources' being the active tab. A prominent red box highlights the '+ Create' button. Below it, a message says 'You are viewing a new version of Browse experience. Click here to access the old experience.' There are also filters for 'Subscription equals all', 'Resource Group equals all', and 'Location equals all'. The right side features a Microsoft account summary and a 'Sign in with a different account' link.

The screenshot shows the 'Create a storage account' wizard on the 'Basics' step. The top navigation bar includes 'Microsoft Azure', a search bar, and user information. Below the navigation is a breadcrumb trail: 'All services > Storage center | Blob Storage > Create a storage account'. The main content area is titled 'Create a storage account' with a sub-header '...'. It has tabs for 'Basics', 'Advanced', 'Networking', 'Data protection', 'Encryption', 'Tags', and 'Review + create', with 'Basics' being the active tab. A message below the tabs states: 'Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blobs (objects), Azure Data Lake Storage Gen2, Azure Files, Azure Queues, and Azure Tables. The cost of your storage account depends on the usage and the options you choose below. [Learn more about Azure storage accounts](#)'.

Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription *: Azure for Students

Resource group *: myRGLocks (Create new)

Instance details

Previous Next Review + create Give feedback

The screenshot shows the 'Create a storage account' wizard on the 'Instance details' step. The top navigation bar includes 'Microsoft Azure', a search bar, and user information. Below the navigation is a breadcrumb trail: 'All services > Storage center | Blob Storage > Create a storage account'. The main content area is titled 'Create a storage account' with a sub-header '...'. It has tabs for 'Basics', 'Advanced', 'Networking', 'Data protection', 'Encryption', 'Tags', and 'Review + create', with 'Basics' being the active tab. A message below the tabs states: 'This helps us provide relevant guidance. It doesn't restrict your storage to this resource type. [Learn more](#)'.

Instance details

Storage account name *: storageaccountosama01

Region *: (Asia Pacific) Central India

Preferred storage type: Choose preferred storage type

Performance *: Standard: Recommended for most scenarios (general-purpose v2 account)
 Premium: Recommended for scenarios that require low latency.

Redundancy *: Locally-redundant storage (LRS)

Previous Next Review + create Give feedback

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

All services > storageaccountosama01_1761827288030 | Overview

Deployment

Search Delete Cancel Redeploy Download Refresh

Your deployment is complete

Deployment name: storageaccountosama01_1761827288030 Start time: 10/30/2025, 5:28:33 PM

Subscription: Azure for Students Correlation ID: 4f5a7d59-2744-4936-98f4-38ec9ad1

Resource group: myRGLocks

Cost Management

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

All services > Resource Manager | All resources >

storageaccountosama01 Storage account

Search Upload Open in Explorer Delete Move Refresh Open in mobile CLI / P

Overview

Activity log Tags Diagnose and solve problems Access Control (IAM) Data migration

Resource group (move) myRGLocks Location centralindia Subscription (move)

Performance Standard Replication Locally-redundant storage (LRS) Account kind

Assess data resiliency for this storage account Enhance the security of this storage account

Microsoft bsse2280151@szabist.pk Sign out

bsse2280151@szabist.pk My Microsoft account Switch directory

Sign in with a different account

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

All services > Resource Manager | All resources >

storageaccountosama01 Storage account

Search Upload Open in Explorer Delete Move Refresh Open in mobile CLI / P

Overview

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

Resource group (move) myRGLocks Location centralindia Subscription (move) Azure for Students Subscription ID 861d493b-12a4-4267-b9db-f579840afab9 Disk state Available Tags (edit) Add tags

Properties Monitoring Capabilities (7) Recommendations

Delete storage account

The following storage account and its content will be deleted:

Resource to be deleted: storageaccountosama01

Dependent resources to be deleted:

The data provided is regularly updated. The account has extremely large objects, it may be over a day between updates.

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

Important: 'storageaccountosama01' 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

All services > Resource Manager | Resource groups > myRGLocks

myRGLocks | Locks

Lock name: RGLock, Lock type: Delete, Scope: myRGLocks

Actions: Edit, Delete (highlighted)

Left sidebar: Access control (IAM), Tags, Resource visualizer, Events, Settings (Deployments, Security, Deployment stacks, Policies, Properties), Locks (highlighted).

Microsoft Azure

All services > Resource Manager | Resource groups > myRGLocks

myRGLocks | Locks

Lock name: RGLock, Lock type: Delete, Scope: myRGLocks

Delete lock

Are you sure you want to delete this lock?

Delete Go back

Left sidebar: Access control (IAM), Tags, Resource visualizer, Events, Settings (Deployments, Security, Deployment stacks, Policies, Properties), Locks.

Microsoft Azure

All services > Resource Manager | Resource groups > myRGLocks

myRGLocks | Locks

This resource has no locks.

Notifications

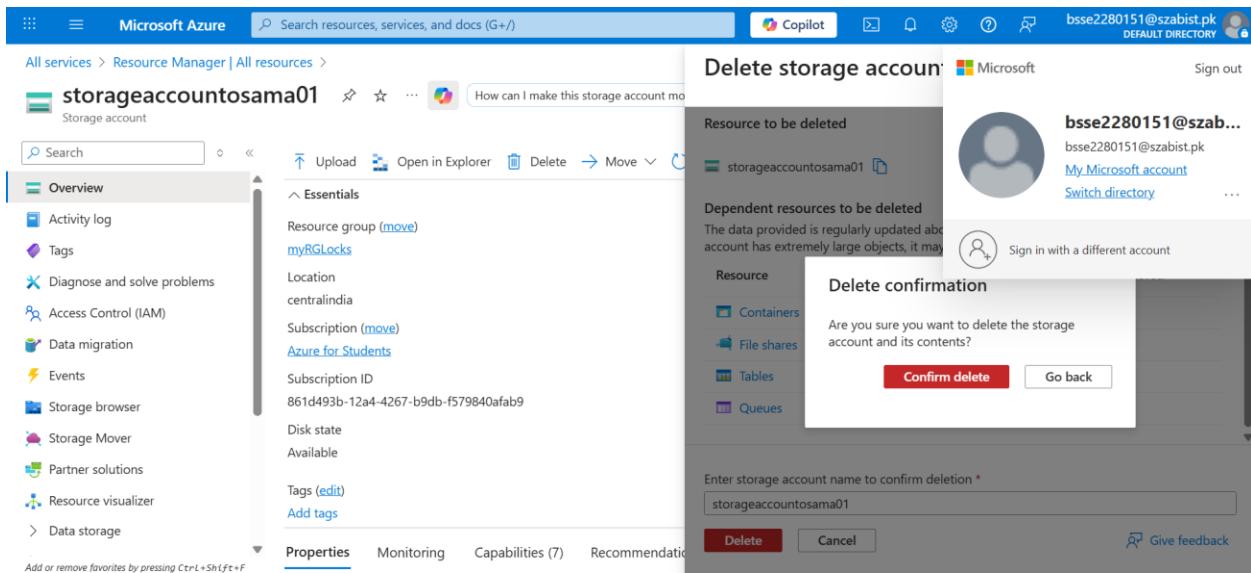
Deleted lock

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

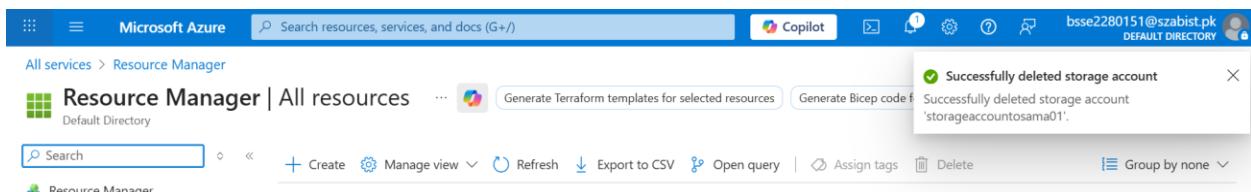
a few seconds ago

Left sidebar: Access control (IAM), Tags, Resource visualizer, Events.

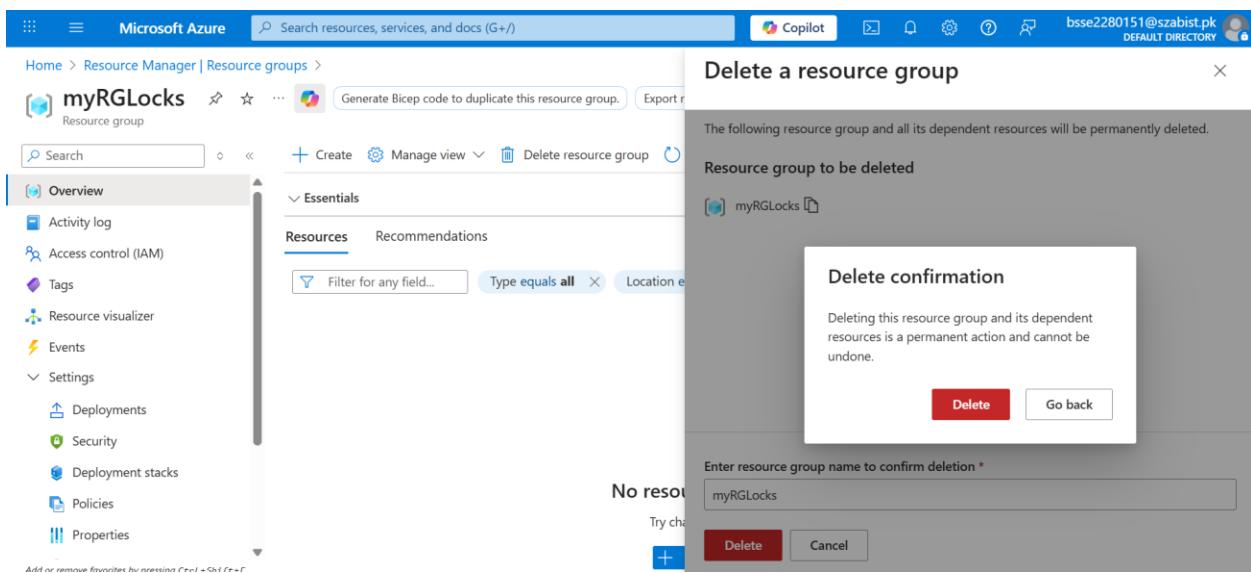
Verification:



The screenshot shows the Microsoft Azure portal interface. The user is in the 'Resource Manager | All resources' section, specifically viewing the 'storageaccountosama01' storage account. A modal window titled 'Delete storage account' is open, asking for confirmation to delete the storage account and its contents. The user has typed 'storageaccountosama01' into the confirmation input field. The background shows the storage account's properties, including its resource group ('myRGLocks'), location ('centralindia'), and subscription information.



The screenshot shows the 'Resource Manager | All resources' page. A success message at the top right indicates that the storage account 'storageaccountosama01' was successfully deleted. The main interface shows various resource management options like 'Create', 'Manage view', 'Refresh', and 'Delete'.



The screenshot shows the 'Resource Manager | Resource groups' page, specifically the 'myRGLocks' resource group. A modal window titled 'Delete a resource group' is open, confirming the deletion of the resource group and its dependent resources. The user has typed 'myRGLocks' into the confirmation input field. The background shows the resource group's overview and settings.

