

## INTRODUCTION TO CLOUD COMPUTING

### Lab Task 08 (Manage Resource Locks)

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

The screenshot shows the Microsoft Azure portal interface. The URL is [https://azuresite138.sabist.pk](#). The user is in the 'myRGLocks' resource group. The left sidebar shows various navigation options like Overview, Activity log, Access control (IAM), Tags, Resource visualizer, Events, Settings, Deployments, Security, Deployment stacks, Policies, Properties, and Locks. The 'Locks' option is currently selected. The main content area displays a table with columns: Lock name, Lock type, Scope, and Notes. A message at the top of the table says, "This resource has no locks."

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The screenshot shows a modal dialog box with a red exclamation mark icon. The title of the dialog is "Delete resource group myRGLocks failed". The message inside the dialog states: "The resource group myRGLocks is locked and can't be deleted. Click here to manage locks for this resource group." At the bottom of the dialog is a button labeled "Help me troubleshoot" with a gear icon.

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

The screenshot shows two pages from the Microsoft Azure portal:

**Create a storage account** (Step 1):

- Basics** tab selected.
- Subscription: Azure for Students.
- Resource group: myRGLocks.
- Location: East Asia.
- Storage account name: storageaccountaz38.
- Preferred storage type: Standard.
- Performance: Locally-redundant storage (LRS).
- Enable hierarchical namespace: Disabled.
- Enable SFTP: Disabled.

**Advanced** tab (disabled):

- Enable hierarchical namespace: Disabled.
- Enable SFTP: Disabled.

Buttons: Previous, Next, Create, Give feedback.

**storageaccountaz38 | Overview** (Step 2):

- Essentials** section:

  - Resource group: myRGLocks.
  - Location: eastasia.
  - Subscription: Azure for Students.
  - Subscription ID: 57a8b5a5-89cd-44d7-aaf-fc65ebdf15a43.
  - Disk state: Available.
  - Tags: Add tags.

- Properties** tab selected.
- Blob service** section:

  - Hierarchical namespace: Disabled.
  - Default access tier: Hot.
  - Blob anonymous access: Disabled.
  - Blob soft delete: Enabled (7 days).

- Security** section:

  - Require secure transfer for REST API operations: Enabled.
  - Storage account key access: Enabled.
  - Minimum TLS version: Version 1.2.
  - Infrastructure encryption: Disabled.

**i** 'storageaccountaz38' 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

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#### Task 3: Remove the resource lock

The screenshot shows the Azure portal interface for managing locks. On the left, there's a sidebar with various navigation options like Overview, Activity log, Access control (IAM), Tags, Resource visualizer, Events, Settings, Deployments, Security, Deployment stacks, Policies, Properties, and Locks. The Locks option is currently selected. The main area displays a table with one row: Lock name (RGLock), Lock type (Delete), Scope (myRGLocks), and Notes (empty). Below the table, a modal window titled 'Delete lock' asks 'Are you sure you want to delete this lock?' with 'Delete' and 'Go back' buttons.

#### Deleted lock

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

a few seconds ago

The screenshot shows the Azure portal interface for managing storage accounts. The left sidebar includes Home, Resource groups, myRGLocks, storageaccountaz38 (Storage account), Overview, Activity log, Tags, Diagnose and solve problems, Access Control (IAM), Data migration, Events, Storage browser, Storage Mover, Partner solutions, Resource visualizer, Data storage, and Security + networking. The storage account 'storageaccountaz38' is selected. The main pane shows its details: Resource group (myRGLocks), Location (eastasia), Subscription (Azure for Students), Subscription ID (57a8b5a5-89cd-44d7-aaaf-c65ebdf15a43), Disk state (Available), and Tags (Add tags). To the right, a 'Delete storage account' dialog box is open, prompting the user to confirm the deletion of the storage account and its contents. It lists dependent resources: Containers, File shares, Tables, and Queues. The storage account name 'storageaccountaz38' is entered in the confirmation field, and 'Delete' and 'Cancel' buttons are visible.

#### Successfully deleted storage account

Successfully deleted storage account 'storageaccountaz38'.

a few seconds ago