

Introduction to Cloud Computing

LAB 08

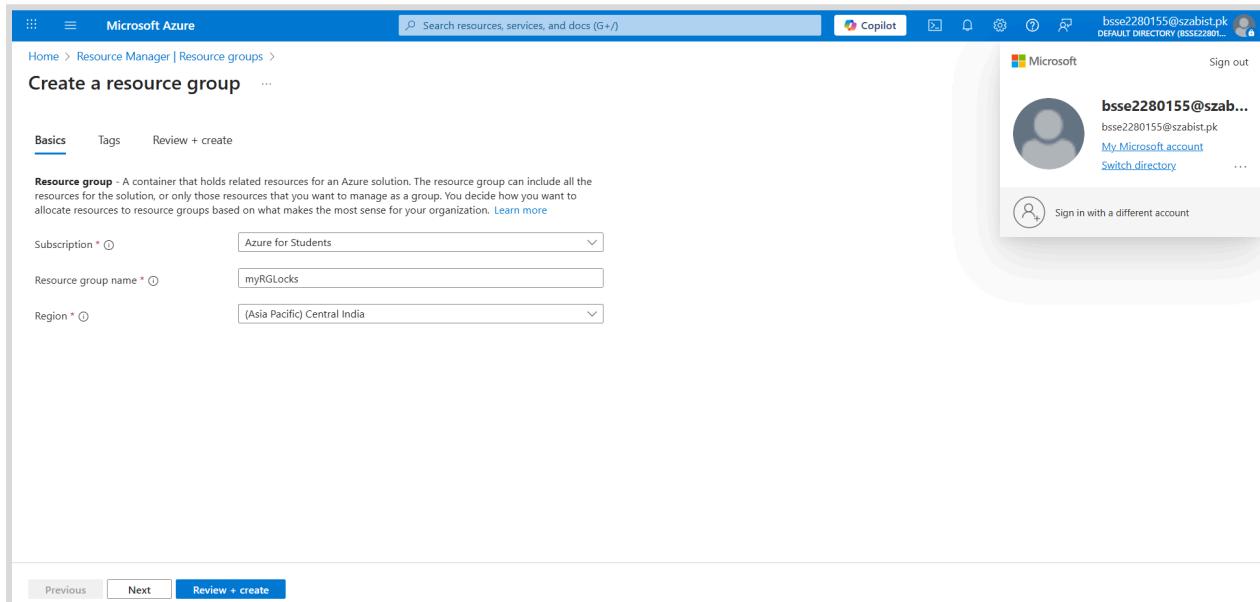
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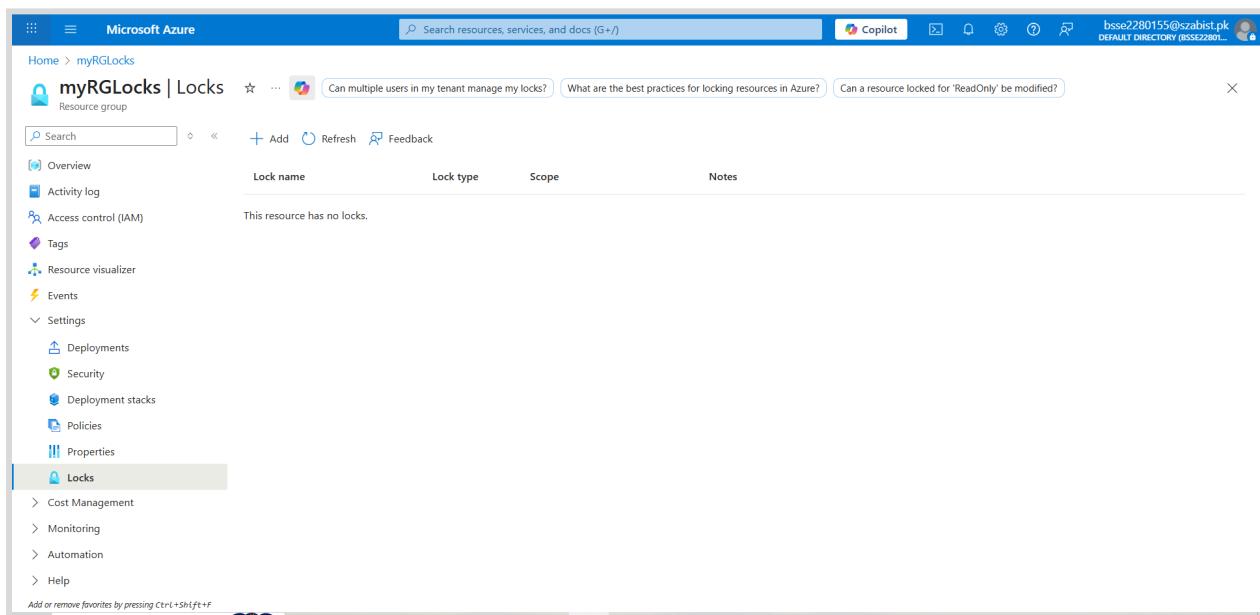
Task 1: Add a Lock to the resource group and test deletion

- Create a new resource group - myRGLocks



The screenshot shows the 'Create a resource group' wizard in the Microsoft Azure portal. The 'Basics' tab is active. The subscription is set to 'Azure for Students'. The resource group name is 'myRGLocks'. The region is '(Asia Pacific) Central India'. On the right, there's a user profile for 'bsse2280155@szabist.pk' with options to sign out, switch accounts, and view Microsoft account details.

- Navigate to the resource group myRGLocks.



The screenshot shows the 'Locks' blade for the 'myRGLocks' resource group. The 'Locks' section is selected in the sidebar. A message says 'This resource has no locks.' The sidebar also lists 'Overview', 'Activity log', 'Access control (IAM)', 'Tags', 'Resource visualizer', 'Events', 'Settings', 'Deployments', 'Security', 'Deployment stacks', 'Policies', 'Properties', and 'Cost Management', 'Monitoring', 'Automation', 'Help'.

- In the **Settings** section, click **Locks**, and then click + Add.

The screenshot shows the Microsoft Azure portal interface. At the top, there's a blue header bar with the Microsoft Azure logo and a search bar that says "Search resources, services, and more". Below the header, the URL "Home > myRGLocks" is visible. To the right of the URL is a "Can multiple users in my tenant manage my locks?" link and a "View" button. The main content area has a left sidebar with various options like Overview, Activity log, Access control (IAM), Tags, Resource visualizer, Events, Settings (with sub-options like Deployments, Security, Deployment stacks, Policies, Properties, and Locks), and a "myRGLocks | Locks" section. The "Locks" option in the sidebar is highlighted. A modal dialog box titled "Add lock" is open in the center. It contains fields for "Lock name *" (set to "RGLock") and "Lock type *" (set to "Delete"). There's also a "Notes" text area which is empty. At the bottom of the dialog are "OK" and "Cancel" buttons. The overall theme is the standard light-colored Azure design.

- Click **Overview** and click **Delete resource group**.
- You receive an error message stating the resource group is locked and can't be deleted.

myRGLocks Resource group

Overview

Resources Recommendations

No resources match your filters

Try changing or clearing your filters.

+ Create Clear filters Learn more

Add or remove favorites by pressing Ctrl+Shift+F

Give feedback

Task 2: Test deleting a member of the resource group

- From the **All services** blade, search for and select **Storage accounts**, and then click, + Create.

Create a storage account ...

Basics Advanced Networking Data protection Encryption Tags Review + create

View automation template

Basics

Subscription	Azure for Students
Resource group	myRGLocks
Location	Central India
Storage account name	storageaccount0330
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
Enable large file shares	Enabled

Previous Next Create Give feedback

- Access your new storage account and from the **Overview** pane, click **Delete**.

The following storage account and its contents will be deleted.

Resource to be deleted

- storageaccount0330

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	-	-
Queues	-	-

storageaccount0330 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**

- You receive an error message stating the resource or its parent has a delete lock.

Task 3: Remove the resource lock

- Return to the **myRGLocks** resource group blade and, in the **Settings** section, click **Locks**
- Click **Delete** link to the far right of the **myRGLocks** entry, to the right of **Edit**.

Lock name	Lock type	Scope	Notes
RGLock	Delete	myRGLocks	

Delete lock

Are you sure you want to delete this lock?

Delete **Go back**

- Return to the storage account blade and confirm you can now delete the resource.

The screenshot shows two consecutive views of the Microsoft Azure portal. In the first view, a 'Delete storage account' dialog is open over the storage account blade for 'storageaccount0330'. The dialog lists the storage account details and its dependent resources (Containers, File shares, Tables, Queues). It includes a text input field for confirming the deletion name ('storageaccount0330') and a red 'Delete' button. In the second view, the storage account blade is shown in the 'myRGLocks' resource group, with a green checkmark and the message 'Successfully deleted storage account "storageaccount0330"' displayed prominently.