

Shaheed Zulfikar Ali Bhutto Institute of Science and Technology

Department of Software Engineering

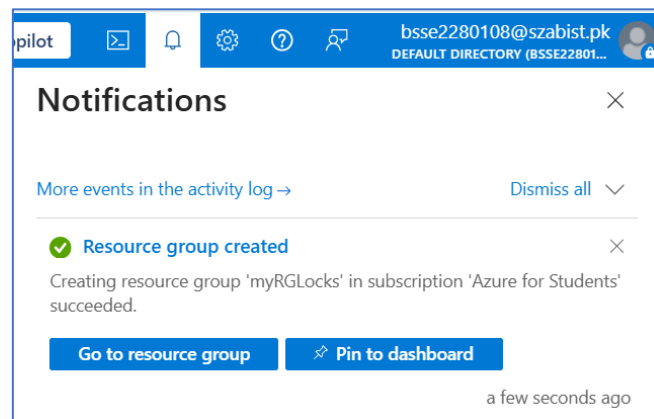
Bisma Saeed – 2280108

BSSE – 7A

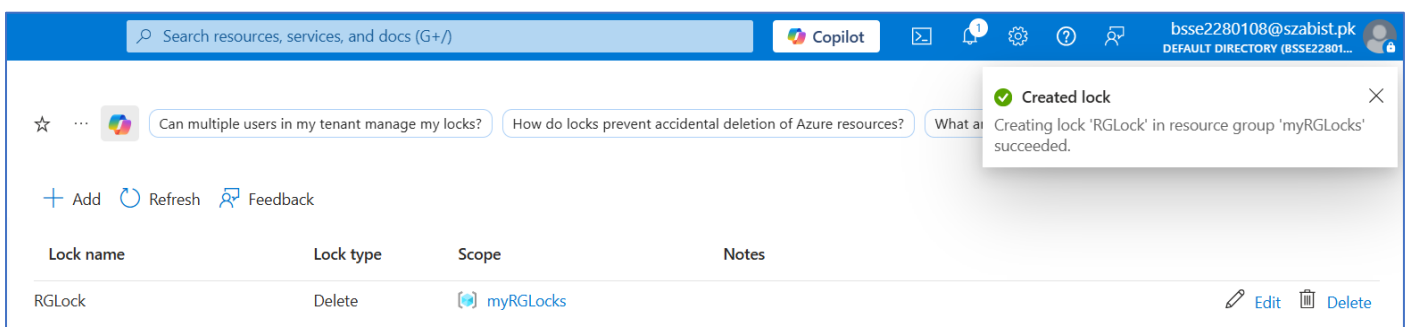
Lab: 08

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

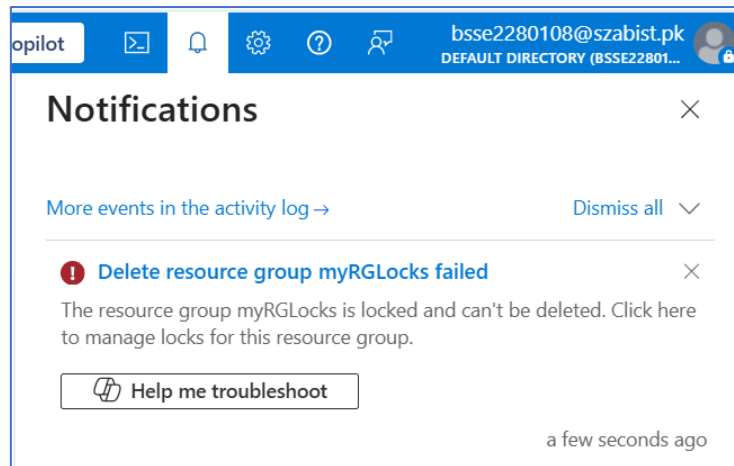
1. Sign in to the Azure portal.
2. In the Azure portal, navigate to the resource group myRGLocks.



3. You can apply a lock to a subscription, resource group, or individual resource to prevent accidental deletion or modification of critical resources.
4. In the Settings section, click Locks, and then click + Add.
5. Configure the new lock. When you are done click OK.



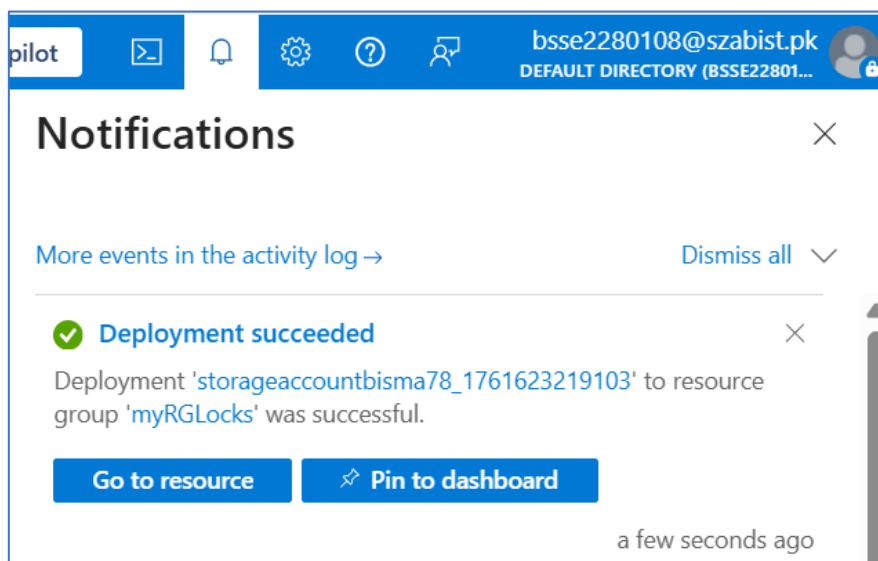
6. Click Overview and click Delete resource group. Type the name of the resource group and click OK. You receive an error message stating the resource group is locked and can't be deleted.



Task 2: Test deleting a member of the resource group

In this task, we will test if the resource lock protects a storage account in the resource group.

1. From the All services blade, search for and select Storage accounts, and then click + Add, + Create, or + New.
2. On the Storage Accounts page +Add +New +Create ** blade, fill in the following information (replace **xxxx in the name of the storage account with letters and digits such that the name is globally unique). Leave the defaults for everything else.
3. Click Review + Create to review your storage account settings and allow Azure to validate the configuration.
4. Once validated, click Create. Wait for the notification that the account was successfully created.
5. Wait for the notification that the storage account was successfully created.



6. Access your new storage account and from the Overview pane, click Delete. You receive an error message stating the resource or its parent has a delete lock.

Delete storage account

The following storage account and its contents will be deleted.

Resource to be deleted

storageaccountbisma78

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	-	-

'storageaccountbisma78' 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](#)

Task 3: Remove the resource lock

In this task, we will remove the resource lock and test.

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

Notifications

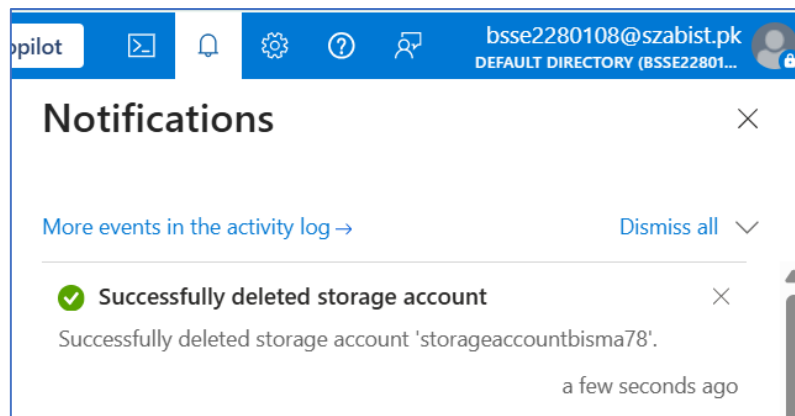
[More events in the activity log](#) [Dismiss all](#)

Deleted lock

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

a few seconds ago

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



Congratulations! You created a resource group, added a lock to resource group and tested deletion, tested deleting a resource in the resource group, and removed the resource lock.