Create Azure Resource Lock (Portal & PowerShell)
(LAB-100-01-05)

Step 1: **Create Azure Resource Lock from Portal**

1. Access the Azure portal.

2. Go to left side, select **Resource Group**

3. Select myresourcegroupdemops resource group

4. In the Settings blade for the resource group, select **Locks**

5. To add a lock, configure the following:

    a. Select **Add**.
    b. Lock Name: myReadOnlyLock
    c. Lock Type: Dropdown & select Read-only

6. Go to the overview blade for the resource group

7. Click on nsg1 network security group

8. Under **Settings**, select **Inbound security rules**

9. Select **+ Add**
   Note: Leave all the settings as default

10. Go to the end, then select **Add**:
    Note: Observe the error while creating rule

Step 2: **Create Azure Resource Lock from Azure PowerShell/ CloudShell**

1. Access the Cloud Shell or Azure PowerShell.

2. Create the resource lock and confirm your action. If prompt for Yes, provide **Y** to proceed
   New-AzResourceLock -LockName **myDeleteRestrictLock** -LockLevel **CanNotDelete** -ResourceGroupName **myresourcegroupdemocli**

   Note: Execute above command in one line

3. View resource lock information from
   Get-AzResourceLock

   Note: Notice the LockId that will be used while deleting the lock.

4. Go to left side, select **Resource Group**

5. Select myresourcegroupdemocli resource group

6. Click on nsg2 network security group

7. Under **Settings**, select **Inbound security rules**

8. Select **+ Add**
   Note: Leave all the settings as default

9. Go to the end, then select **Add**:
   Note: Observe, you are able to create the rule.

10. Select the **Overview**, within network security group

11. Go to the left side, then select **Delete**
    Note: Observe, you are not able to delete the nsg

<u>Optional (Do this once all Lab of Module 1 is completed)</u>

1. To delete the lock from **Portal**

2. Select the ellipsis and **Delete** from the available options.
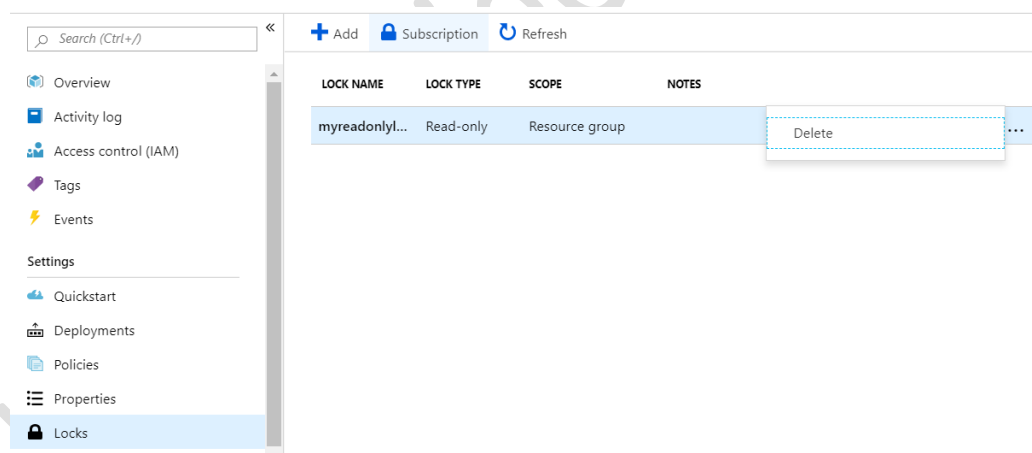
3. To delete the lock from Azure PowerShell/ CloudShell

4. Delete specific resource group. When prompted, confirm.
   Remove-AzResourceLock -LockName **myDeleteRestrictLock**

5. View resource lock information from
   Get-AzResourceLock