

Grant a User Access to Azure Resources

using RBAC (Portal)

(LAB-103-11-01)

Part A: Create First Virtual Machine

1. Switch browser, login with **root administrative credentials**
2. Create Azure Virtual Machine
 - a. Region: **East US**
 - b. OS: **Windows 2109**
 - c. Port: **None**
 - d. Resource group: **RG-103-11-01**
 - e. Virtual machine name: **VM01-LAB-1031101**

Part B: Sign-in using Azure AD Id

1. Open the below URL from new browser portal.azure.com
2. Login with Azure AD Id "**user1**" user
3. Go to Resource group from the left-side

Info: You are not seeing any resources, as necessary permission is not assigned
4. Switch to browser, where "**root user**" logged-in in **portal.azure.com**
5. Go to "All Services" from the left-side, select "*subscriptions*"
6. Open your default subscriptions
7. Select "**Access control (IAM)**"
8. Click on the "Add" under Add a **role assignment** to open the Add role assignment pane, **and provide the below information:**
 - a. Role: Select "**Reader**" role
 - b. Select: Select the user "**user1**"
2. Click **Save** to create the role assignment.

3. Switch to browser, where "**user1**" logged-in in **portal.azure.com**
4. Refresh the browser & now you are able to view the azure resources

Part C: Stop the Azure Virtual Machine

1. Switch to browser, where "**user1**" logged-in in Portal.azure.com
2. Go to the left-side & select the virtual machine
3. Select the **VM01-LAB-1031101** virtual machine
4. Stop the virtual machine from portal. You will get authorisation error

Note: "User1", assigned as reader role at subscription level, therefore can't stop the virtual machine

5. Switch to browser, where "**root user**" logged-in in **portal.azure.com**
6. Go to the left-side & select the Resource group
7. Select the resource group **RG-103-11-01**
8. Select "**Access control (IAM)**"
9. Click on the "**Add**" under Add a **role assignment** to open the Add role assignment pane, and provide the below information:
 - a. Role: Select "**Owner**" role
 - b. Select: Select the user "**user1**"
10. Click **Save** to create the role assignment.

Note: After a few moments, the user is assigned the owner role at the resource group level

11. Switch to browser, where "**user1**" logged-in in **portal.azure.com**
12. Refresh the browser & now stop the **VM01-LAB-1031101** virtual machine