

Grant a User Access to Azure Resources

using RBAC (Portal)

(LAB-300-01A-19)

Part A: Create First Virtual Machine from Root User

1. Sign in to the Azure Portal using Root User
2. Create windows virtual machine in resource group "**my-AD-RG-VM1**"

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**", created in earlier lab

Part C: Access Azure resources using newly created Azure AD ID

1. Go to Resource group from the left-side
Info: You are not seeing any resources, as necessary permission is not assigned
2. Switch to browser, where "**root user**" logged-in in portal.azure.com
3. Go to "**All Services**" from the left-side, select "**subscriptions**"
4. Open your default subscriptions
5. Select "**Access control (IAM)**"
6. 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**"
7. Click **Save** to create the role assignment.
Info: After a few moments, the user is assigned the reader role at the subscription level
8. Switch to browser, where "**user1**" logged-in in Portal.azure.com

9. Refresh the browser & now you are able to view the azure resources

Part D: Stop the Azure Virtual Machine

1. Switch to browser, where "**user1**" logged-in in Portal.azure.com
2. Stop the virtual machine from portal, you will get authorisation error
Info: "User1", assigned as reader role at subscription level, therefore can't stop the virtual machine
3. Go to Resource group from the left-side & select the resource group "**my-AD-RG-VM1**"
4. Select "**Access control (IAM)**"
5. 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**", created in LAB-400-01
6. Click **Save** to create the role assignment.
Info: After a few moments, the user is assigned the contributor role at the resource group level
7. Refresh the browser & now you are able to stop the azure virtual machine