Before You Begin Please Run this on bash

1. Create a user-assigned managed identity

az identity create --resource-group IDLab1 --name mid01

2. assign the user-assigned managed identity to the Azure VM:

az vm identity assign --resource-group IDLab1 --name IDs-VM01 --identities mid01

3. In the Azure portal, assign reader role to mid01 on IDLab1
4. In the Azure portal, assign owner role to mid01 on IDLab2

5. Connect to new vm with

User:QA

Pass:1q2w3e4r5t6y*

6. Run the Commands in the vm`s powershell console

Install-Module -Name PowerShellGet -Force

Install-Module -Name Az -AllowClobber

exit and re-run powershell

Install-Module -Name PowerShellGet -AllowPrerelease

Install-Module -Name Az.ManagedServiceIdentity -AllowPrerelease

Add-AzAccount -Identity

$location = (Get-AzResourceGroup -Name IDLab2).Location

New-AzPublicIpAddress -Name TstPip01 -ResourceGroupName IDLab2 -AllocationMethod Dynamic -Location $location

This will fail because we do not have owner, but read permission on IDLab1

New-AzPublicIpAddress -Name TstPip02 -ResourceGroupName IDLab1 -AllocationMethod Dynamic -Location $location

see the content of RGs

Get-AzResource -ResourceGroupName "IDLab2"

Get-AzResource -ResourceGroupName "IDLab1"