$allvms = Get-AzVm -ResourceGroupName ENGAZUREB01

foreach ($vm in $allvms) {

$vmname = $vm.Name

if ($vm.HardwareProfile.VmSize -eq "Standard\_B1ls") {

Write-Output "$vmname is a DEV VM"

Write-Output "Stopping the Dev VM $vm.Name"

Stop-AzVM -Name $vm.Name -ResourceGroupName ENGAZUREB01

}

else {

Write-Output "$vmname is a PROD VM"

}

}

$name = Read-Host "Please Enter Your Name"

if (!$name){

Write-Output "No Input Give."

}

else

{

if ( $name -match '^[0-9]')

{

Write-Output "The Name must be a string."

}

else

{

Write-Output "The name is $name"

}

}

RUN Books:

Make sure you import the AZ Modules for Accounts, Compute and Resoucses from the Module Gallery.

## **Start-Dev-VMs (engazureb01/Start-Dev-VMs)**

Import-Module Az.Accounts

Import-Module Az.Resources

Import-Module Az.Compute

$Conn = Get-AutomationConnection -Name AzureRunAsConnection

$null = Connect-AzAccount `

-ServicePrincipal `

-Tenant $Conn.TenantID `

-ApplicationId $Conn.ApplicationID `

-CertificateThumbprint $Conn.CertificateThumbprint

#$rgs = Get-AzResourceGroup

# Write-output $rgs

# foreach ($rg in $rgs){

# echo $rg.ResourceGroupName

# }

$allvms = Get-AzVm -ResourceGroupName ENGAZUREB01

foreach ($vm in $allvms) {

$vmname = $vm.Name

if ($vm.HardwareProfile.VmSize -eq "Standard\_B1ls") {

Write-Output "$vmname is a DEV VM"

Write-Output "Starting the Dev VM $vmname"

Start-AzVM -Name $vmname -ResourceGroupName ENGAZUREB01

}

else {

Write-Output "$vmname is a PROD VM"

}

}

## **Stop-Dev-VMs (engazureb01/Stop-Dev-VMs)**

Import-Module Az.Accounts

Import-Module Az.Resources

Import-Module Az.Compute

$Conn = Get-AutomationConnection -Name AzureRunAsConnection

$null = Connect-AzAccount `

-ServicePrincipal `

-Tenant $Conn.TenantID `

-ApplicationId $Conn.ApplicationID `

-CertificateThumbprint $Conn.CertificateThumbprint

$allvms = Get-AzVm -ResourceGroupName ENGAZUREB01

foreach ($vm in $allvms) {

$vmname = $vm.Name

if ($vm.HardwareProfile.VmSize -eq "Standard\_B1ls") {

Write-Output "$vmname is a DEV VM"

Write-Output "Stopping the Dev VM $vmname"

Stop-AzVM -Name $vmname -ResourceGroupName ENGAZUREB01 -Force -Confirm:$False

}

else {

Write-Output "$vmname is a PROD VM"

}

}