

# Module 1 : Assignment 3

Tasks To Be Performed:

Use Azure CLI and Azure PowerShell to:

1. Create three more resource groups in a specific region. For example:

“West US”

2. List all resource groups in West US

Solution: **Step1: Creating Resource Group**

## Azure CLI

1. Create three resource groups in West US

```
C:\Users\Suttu>az login --tenant 6a87c1aa-0482-415b-8295-6d9acdb3d8d4
Select the account you want to log in with. For more information on login with Azure CLI, see https://go.microsoft.com/fwlink/?linkid=2271136

Retrieving subscriptions for the selection...

[Tenant and subscription selection]

No.    Subscription name    Subscription ID    Tenant
-----
[1] *  Free Trial      4a357868-1df8-435c-b69f-a18b0ed1e7e2    6a87c1aa-0482-415b-8295-6d9acdb3d8d4

The default is marked with an *; the default tenant is '6a87c1aa-0482-415b-8295-6d9acdb3d8d4' and subscription is 'Free Trial' (4a357868-1df8-435c-b69f-a18b0ed1e7e2).

Select a subscription and tenant (Type a number or Enter for no changes): 1

Tenant: 6a87c1aa-0482-415b-8295-6d9acdb3d8d4
Subscription: Free Trial (4a357868-1df8-435c-b69f-a18b0ed1e7e2)

[Announcements]
With the new Azure CLI login experience, you can select the subscription you want to use more easily. Learn more about it and its configuration at https://go.microsoft.com/fwlink/?linkid=2271236
If you encounter any problem, please open an issue at https://aka.ms/azclibug

[Warning] The login output has been updated. Please be aware that it no longer displays the full list of available subscriptions by default.
```

```
C:\Users\Suttu>az group create --name rg-cli-westus-1 --location westus
{
  "id": "/subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rg-cli-westus-1",
  "location": "westus",
  "managedBy": null,
  "name": "rg-cli-westus-1",
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}
```

```
C:\Users\Suttu>az group create --name rg-cli-westus-2 --location westus
{
  "id": "/subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rg-cli-westus-2",
  "location": "westus",
  "managedBy": null,
  "name": "rg-cli-westus-2",
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}
```

```
C:\Users\Suttu>az group create --name rf-cli-westus-3 --location westus
{
  "id": "/subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rf-cli-westus-3",
  "location": "westus",
  "managedBy": null,
  "name": "rf-cli-westus-3",
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}

C:\Users\Suttu>
```

```

C:\Users\Suttu>az group create --name rg-cli-westus-1 --location westus
{
  "id": "/subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rg-cli-westus-1",
  "location": "westus",
  "managedBy": null,
  "name": "rg-cli-westus-1",
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}

C:\Users\Suttu>az group create --name rg-cli-westus-2 --location westus
{
  "id": "/subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rg-cli-westus-2",
  "location": "westus",
  "managedBy": null,
  "name": "rg-cli-westus-2",
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}

C:\Users\Suttu>az group create --name rf-cli-westus-3 --location westus
{
  "id": "/subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rf-cli-westus-3",
  "location": "westus",
  "managedBy": null,
  "name": "rf-cli-westus-3",
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}

C:\Users\Suttu>

```

## Azure PowerShell

### 1. Create three resource groups in West US

```

PS C:\Users\Suttu> New-AzResourceGroup -Name rg-powershell-1 -Location westus

ResourceGroupName : rg-powershell-1
Location           : westus
ProvisioningState  : Succeeded
Tags               :
ResourceId         : /subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rg-powershell-1

PS C:\Users\Suttu> New-AzResourceGroup -Name rg-powershell-2 -Location westus

ResourceGroupName : rg-powershell-2
Location           : westus
ProvisioningState  : Succeeded
Tags               :
ResourceId         : /subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rg-powershell-2

PS C:\Users\Suttu> New-AzResourceGroup -name rg-powershell-3 -location westus

ResourceGroupName : rg-powershell-3
Location           : westus
ProvisioningState  : Succeeded
Tags               :
ResourceId         : /subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rg-powershell-3

```

## Step2: List all resource groups in West US

```

PS C:\Users\Suttu> Get-AzResourceGroup -location westus |Format-Table
ResourceGroupName Location ProvisioningState Tags TagsTable ResourceId ManagedBy
-----
rg-cli-westus-1   westus    Succeeded                               /subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rg-cli-westus-1
rg-cli-westus-2   westus    Succeeded                               /subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rg-cli-westus-2
rf-cli-westus-3   westus    Succeeded                               /subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rg-cli-westus-3
rg-powershell-1  westus    Succeeded                               /subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rg-powershell-1
rg-powershell-2  westus    Succeeded                               /subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rg-powershell-2
rg-powershell-3  westus    Succeeded                               /subscriptions/4a357868-1df8-435c-b69f-a18b0ed1e7e2/resourceGroups/rg-powershell-3

PS C:\Users\Suttu>

```

```

C:\Users\Suttu>az group list --query "[? location=='westus']" -o table
Name                Location
-----
rg-cli-westus-1     westus
rg-cli-westus-2     westus
rf-cli-westus-3     westus
rg-powershell-1     westus
rg-powershell-2     westus
rg-powershell-3     westus

```

Home >

Resource groups

Default Directory (vaishnavigalhar05@gmail.onmicrosoft.com)

X

Create Manage view Refresh Export to CSV Open query Assign tags

Filter for any field... Subscription equals all Location equals West US Add filter

Showing 1 to 6 of 6 records.

<input type="checkbox"/> Name ↑	Subscription ↑↓	Location ↑↓	
<input type="checkbox"/> rf-cli-westus-3	Free Trial	West US	...
<input type="checkbox"/> rg-cli-westus-1	Free Trial	West US	...
<input type="checkbox"/> rg-cli-westus-2	Free Trial	West US	...
<input type="checkbox"/> rg-powershell-1	Free Trial	West US	...
<input type="checkbox"/> rg-powershell-2	Free Trial	West US	...
<input type="checkbox"/> rg-powershell-3	Free Trial	West US	...