

Assignment 1

Azure 104 Certification Course

Chrome by enabling the Acrobat e
for Google Chrome.

Enable

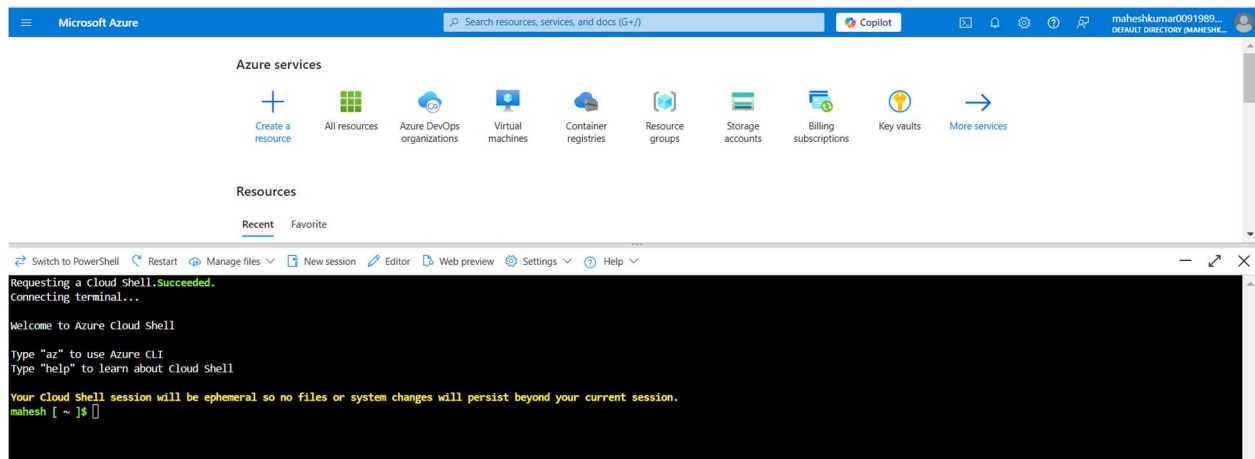
Tasks To Be Performed:

1. Connect to Azure Cloud Shell
2. Create a resource group "new-rg" in South Central US region

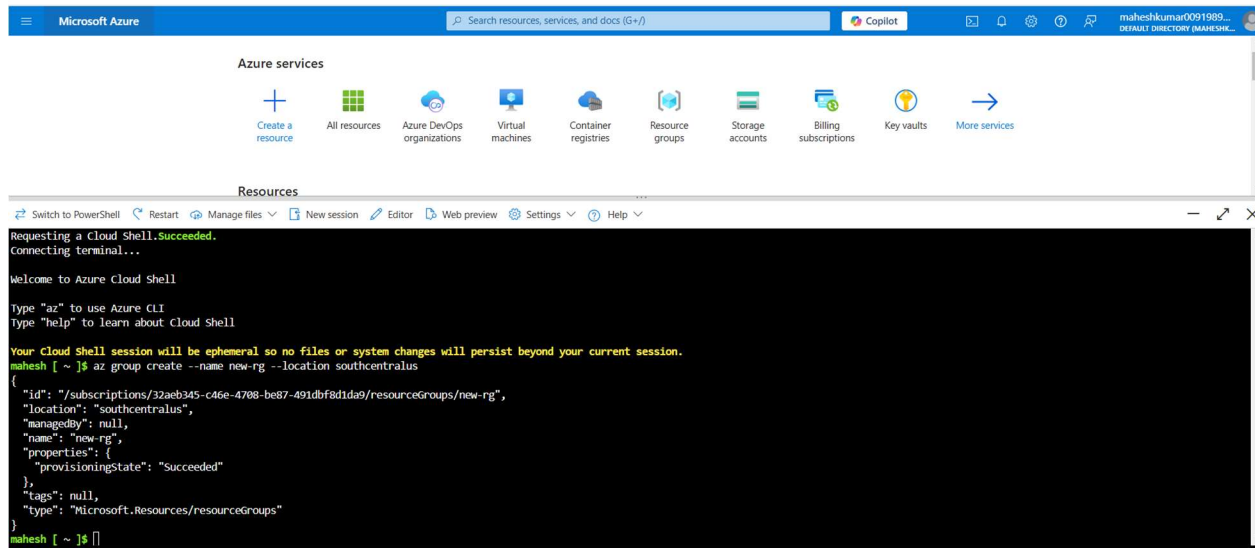
Send the commands along with the screenshots for the completion of this assignment.

Solution:

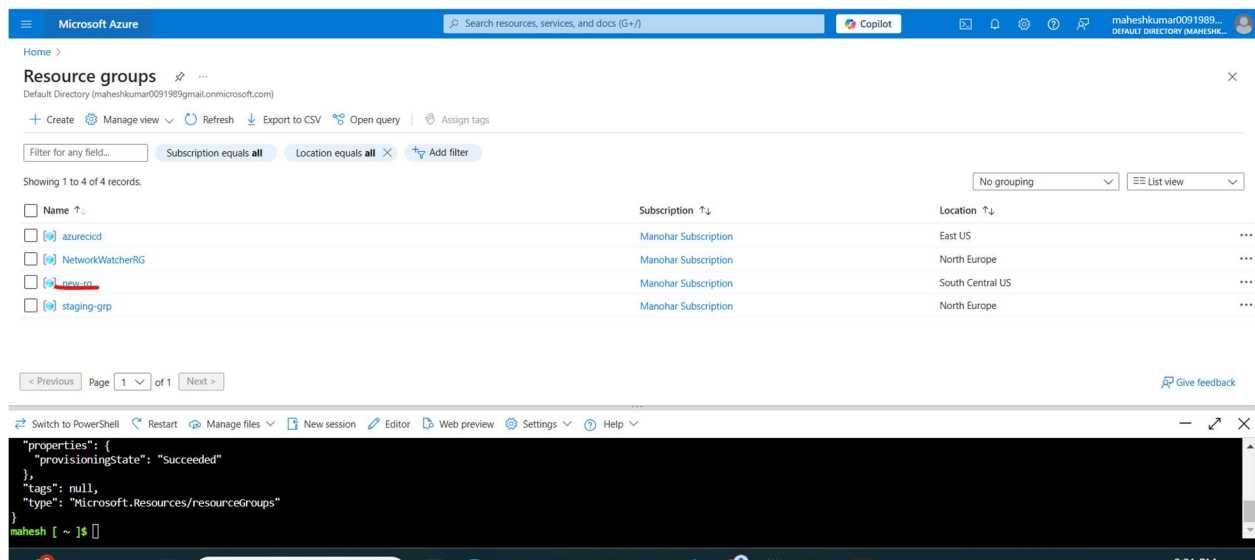
- 1) Connect to the azure cloud shell.



- 2) Created the resource group



Resource group has been created successfully.



Assignment 2

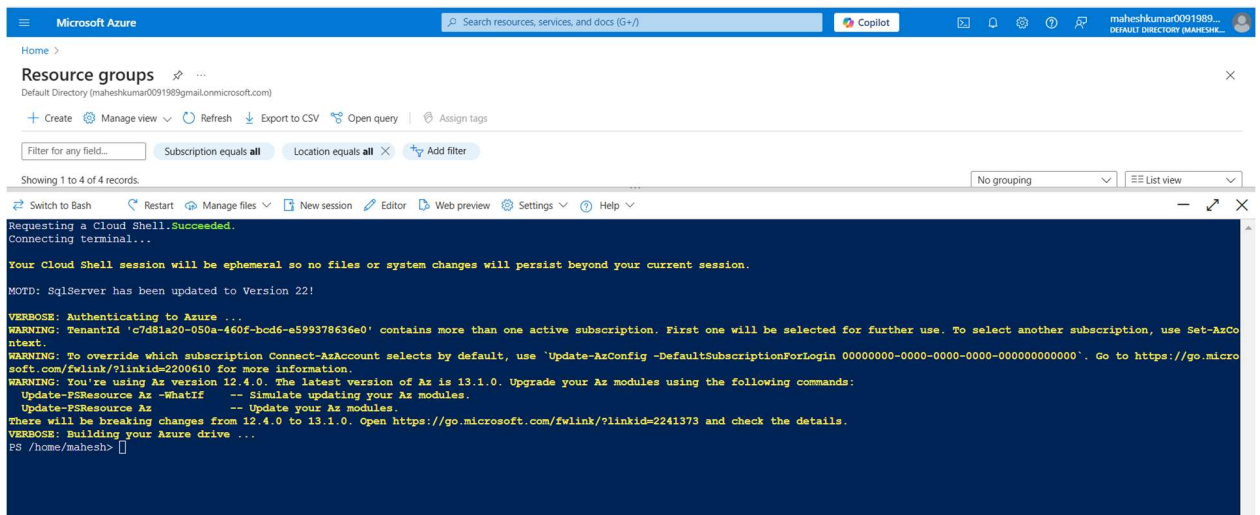
Tasks To Be Performed:

1. Connect Azure PowerShell to your Azure account
2. Create a new resource group in South Central US with the name "rg-powershell"

Please submit the screenshot along with the commands.

Solutions:

- 1) Connect to azure powershell



```
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maheshkumar0091989...
DEFAULT DIRECTORY (MAHESH...)

Home >
Resource groups
Default Directory (maheshkumar0091989@gmail.onmicrosoft.com)
+ Create Manage view Refresh Export to CSV Open query Assign tags

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

Showing 1 to 4 of 4 records. No grouping List view

Switch to Bash Restart Manage files New session Editor Web preview Settings Help

Requesting a Cloud Shell.Succeeded.
Connecting terminal...

Your Cloud Shell session will be ephemeral so no files or system changes will persist beyond your current session.

MOTD: SqlServer has been updated to Version 22!

VERBOSE: Authenticating to Azure ...
WARNING: TenantId 'c7d81a20-050a-460f-bcd6-e599378636e0' contains more than one active subscription. First one will be selected for further use. To select another subscription, use Set-AzContext.
WARNING: To override which subscription Connect-AzAccount selects by default, use 'Update-AzConfig -DefaultSubscriptionForLogin 00000000-0000-0000-0000-000000000000'. Go to https://go.microsoft.com/fwlink/?linkid=2200610 for more information.
WARNING: You're using Az version 12.4.0. The latest version of Az is 13.1.0. Upgrade your Az modules using the following commands:
Update-PSResource Az -WhatIf -- Simulate updating your Az modules.
Update-PSResource Az -- Update your Az modules.
There will be breaking changes from 12.4.0 to 13.1.0. Open https://go.microsoft.com/fwlink/?linkid=2241373 and check the details.
VERBOSE: Building your Azure drive ...
PS /home/mahesh>
```

- 2) Create the resource group rg-powershell

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

Showing 1 to 4 of 4 records. No grouping List view

```
PS /home/mahesh> New-AzResourceGroup -Name rg-powershell -Location southcentralus
ResourceGroupName : rg-powershell
Location           : southcentralus
ProvisioningState   : Succeeded
Tags               :
ResourceId          : /subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg-powershell
PS /home/mahesh>
```

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+ Create Manage view Refresh Export to CSV Open query Assign tags

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

Showing 1 to 5 of 5 records. No grouping List view

<input type="checkbox"/> Name ↑	Subscription ↑↓	Location ↑↓
<input type="checkbox"/> azureciad	Manohar Subscription	East US
<input type="checkbox"/> NetworkWatcherRG	Manohar Subscription	North Europe
<input type="checkbox"/> new-rg	Manohar Subscription	South Central US
<input type="checkbox"/> rg-powershell	Manohar Subscription	South Central US
<input type="checkbox"/> staging-grp	Manohar Subscription	North Europe

< Previous Page 1 of 1 Next >

Give feedback

```
Location : southcentralus
ProvisioningState : Succeeded
Tags :
ResourceId : /subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg-powershell
```

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

Solutions:

```
PS /home/maresh> New-AzResourceGroup -Name rg-1 -Location westus && New-AzResourceGroup -name rg-2 -location westus && New-AzResourceGroup -name rg-3 -location westus

ResourceGroupName : rg-1
Location           : westus
ProvisioningState  : Succeeded
Tags               :
ResourceId         : /subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg-1

ResourceGroupName : rg-2
Location           : westus
ProvisioningState  : Succeeded
Tags               :
ResourceId         : /subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg-2

ResourceGroupName : rg-3
Location           : westus
ProvisioningState  : Succeeded
Tags               :
ResourceId         : /subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg-3

PS /home/maresh>
```

```
Switch to Bash Restart Manage files New session Editor Web preview Settings Help

PS /home/maresh> Get-AzResourceGroup -Location westus

ResourceGroupName : rg-1
Location           : westus
ProvisioningState  : Succeeded
Tags               :
ResourceId         : /subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg-1

ResourceGroupName : rg-2
Location           : westus
ProvisioningState  : Succeeded
Tags               :
ResourceId         : /subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg-2

ResourceGroupName : rg-3
Location           : westus
ProvisioningState  : Succeeded
Tags               :
ResourceId         : /subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg-3

PS /home/maresh>
```

ResourceGroupName	Location	ProvisioningState	Tags	TagsTable	ResourceId	ManagedBy
rg-1	westus	Succeeded			/subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg-1	
rg-2	westus	Succeeded			/subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg-2	
rg-3	westus	Succeeded			/subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg-3	

PS /home/maresh> █

```

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Your Cloud Shell session will be ephemeral so no files or system changes will persist beyond your current session.
maresh [ ~ ]$ az group create --n rg1 -l westus && az group create -n rg2 -l westus && az group create -n rg3 -l westus
{
  "id": "/subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg1",
  "location": "westus",
  "managedBy": null,
  "name": "rg1",
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}
{
  "id": "/subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg2",
  "location": "westus",
  "managedBy": null,
  "name": "rg2",
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}
{
  "id": "/subscriptions/32aeb345-c46e-4708-be87-491dbf8d1da9/resourceGroups/rg3",
  "location": "westus",
  "managedBy": null,
  "name": "rg3",
  "properties": {
    "provisioningState": "Succeeded"
  },
  "tags": null,
  "type": "Microsoft.Resources/resourceGroups"
}
maresh [ ~ ]$ █

```

```

Switch to PowerShell Restart Manage files New session Editor Web preview Settings Help

maresh [ ~ ]$ az group list -o table
Name          Location      Status
-----
rg-1          westus        Succeeded
rg-2          westus        Succeeded
rg-3          westus        Succeeded
rg1           westus        Succeeded
rg2           westus        Succeeded
rg3           westus        Succeeded
new-rg        southcentralus Succeeded
rg-powershell southcentralus Succeeded
staging-grp   northeurope   Succeeded
NetworkWatcherRG northeurope   Succeeded
azurecid      eastus        Succeeded
maresh [ ~ ]$ █

```

```
maresh [ ~ ]$ az group list --query "[?location == 'westus']" -o table
Name      Location
-----
rg-1      westus
rg-2      westus
rg-3      westus
rg1       westus
rg2       westus
rg3       westus
maresh [ ~ ]$
```

Assignment 4

Azure 104 Certification Course



Tasks To Be Performed:

Use Azure CLI and Azure PowerShell to:

1. Delete all the resource groups in West US region using one command



Solutions:

```
VERBOSE: Building your Azure drive ...
PS /home/maresh> Get-AzResourcegroup -l westus | remove-azresourcegroup -Force
True
True
True
True
True
True
True
PS /home/maresh>
```

```
rg powershell - southcentralus
maresh [ ~ ]$ az group list --query "[?location == 'southcentralus'].name" -o tsv | xargs -otl az group delete -n
az group delete -n new-rg
Are you sure you want to perform this operation? (y/n): y
az group delete -n rg-powershell
Are you sure you want to perform this operation? (y/n): y
maresh [ ~ ]$
```