

Task 1: Create Three More Resource Groups in a Specific Region (West US)

You can perform this task using both **Azure CLI** and **Azure PowerShell**.

Using Azure CLI:

1. Open the **Azure Cloud Shell** (you can use the Azure Portal or connect through your local Azure CLI).
2. Run the following commands to create three resource groups in the West US region:

```
az group create --name rg-one --location westus
```

```
az group create --name rg-two --location westus
```

```
az group create --name rg-three --location westus
```

```
new [ ~ ]$ az group create --name rg-one --location westus
az group create --name rg-two --location westus
az group create --name rg-three --location westus
{
  "id": "/subscriptions/9b23d2c1-3c85-4730-9eef-8d7211489a95/resourceGroups/rg-one",
  "location": "westus",
  "managedBy": null,
  "name": "rg-one",
  "properties": {
```

Using Azure PowerShell:

1. Run the following commands in **Azure Cloud Shell (PowerShell)** or through your local PowerShell terminal:

```
New-AzResourceGroup -Name " rg-powershell-one" -Location "West US"
```

```
New-AzResourceGroup -Name " rg-powershell -two" -Location "West US"
```

```
New-AzResourceGroup -Name " rg-powershell -three" -Location "West US"
```

```
PS /home/new> New-AzResourceGroup -Name "rg-powershell-two" -Location "West US"

ResourceGroupName : rg-powershell-two
Location           : westus
ProvisioningState  : Succeeded
Tags               :
ResourceId          : /subscriptions/9b23d2c1-3c85-4730-9eef-8d7211489a95/resourceGroups/rg-powershell-two

PS /home/new> 
```

Task 2: List All Resource Groups in West US

Using Azure PowerShell:

To list all resource groups in **West US** using PowerShell, run:

az group list --query "[?location=='westus']" --output table

```
PS /home/new> az group list --query "[?location=='westus']" --output table
Name                               Location
-----
rg-one                             westus
rg-two                             westus
rg-three                           westus
rg-powershell-one                 westus
rg-powershell-two                 westus
rg-powershell-three               westus
PS /home/new> 
```

Resource groups

Default Directory

[+ 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.

No grouping

List view

<input type="checkbox"/> Name ↑↓	Subscription ↑↓	Location ↑↓	
<input type="checkbox"/> rg-one	Free Trial	West US	...
<input type="checkbox"/> rg-powershell-one	Free Trial	West US	...
<input type="checkbox"/> rg-powershell-three	Free Trial	West US	...
<input type="checkbox"/> rg-powershell-two	Free Trial	West US	...
<input type="checkbox"/> rg-three	Free Trial	West US	...
<input type="checkbox"/> rg-two	Free Trial	West US	...