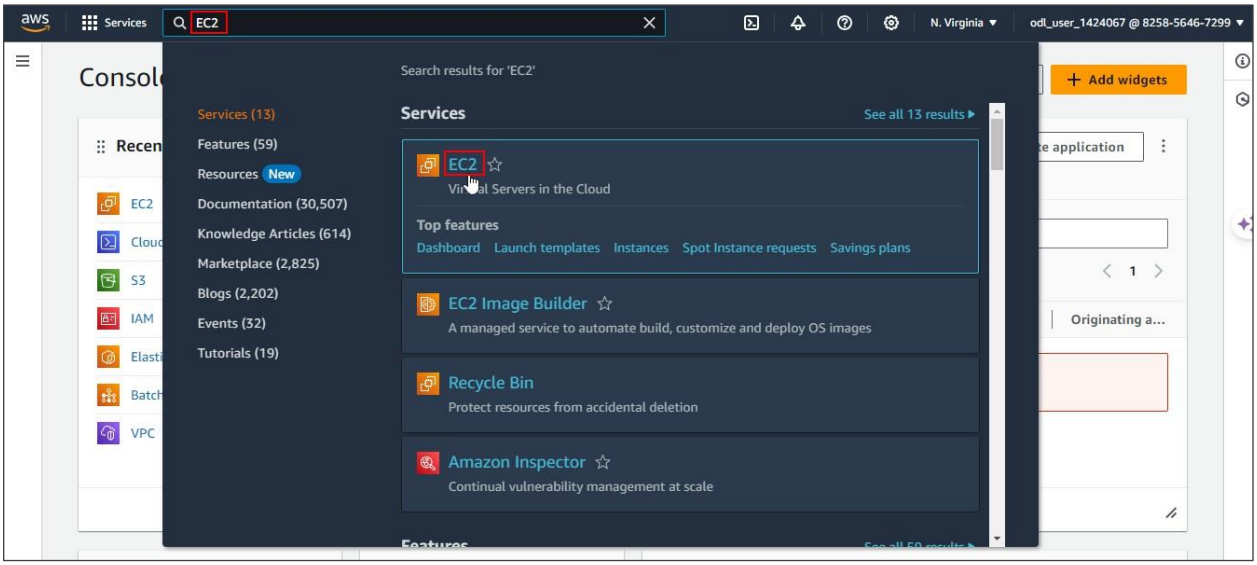
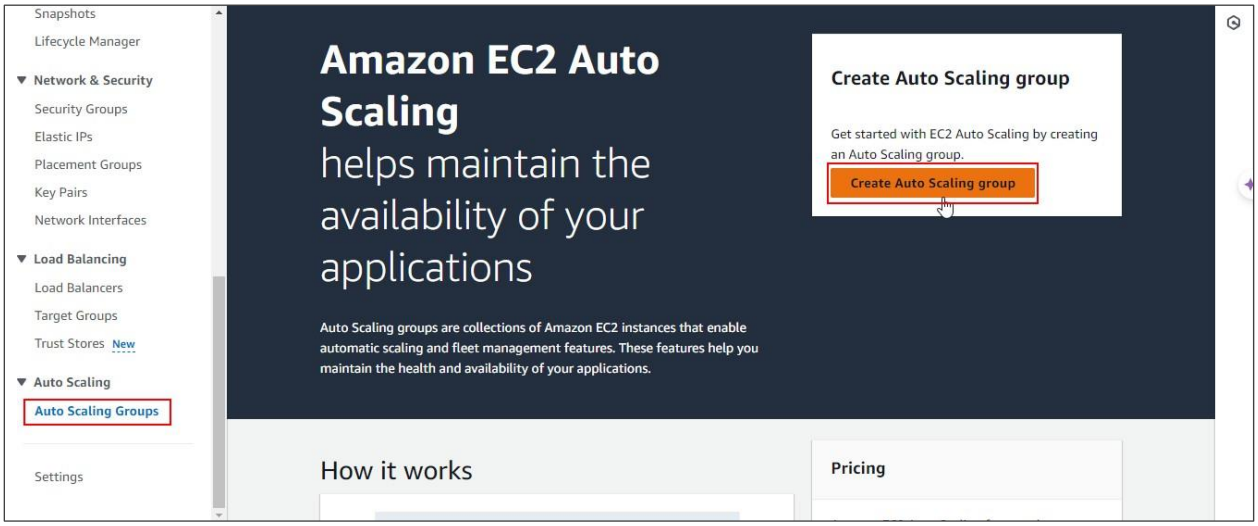
Auto Scaling

Step 1: Set up a predefined auto-scaling group

1.1 Navigate to the AWS console home dashboard, search for and click on **EC2**

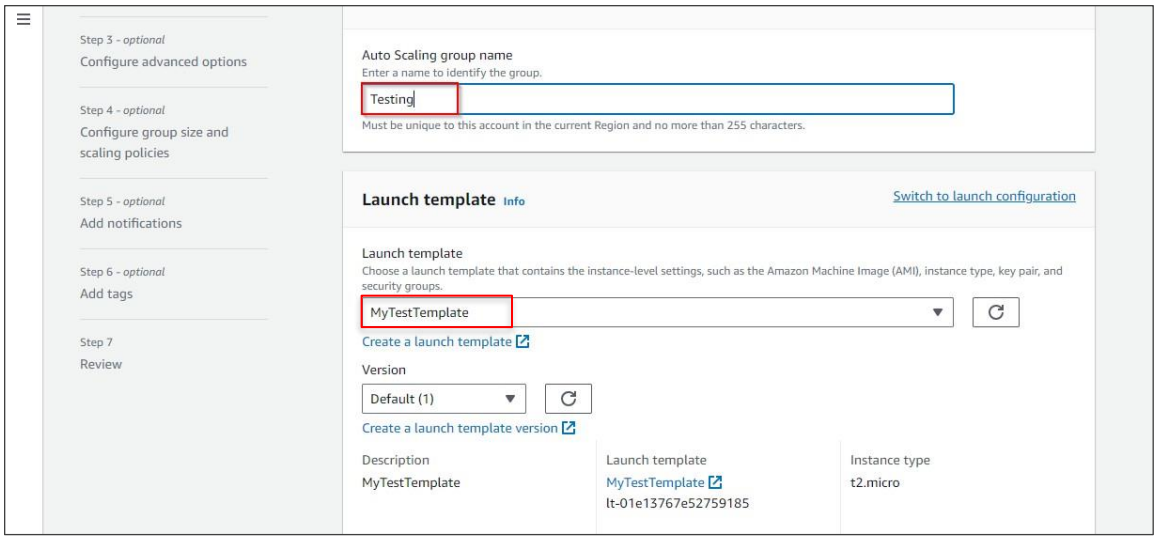


1.2 Navigate to **Auto Scaling Groups** in the **Auto Scaling** section, and click on **Create Auto Scaling group**

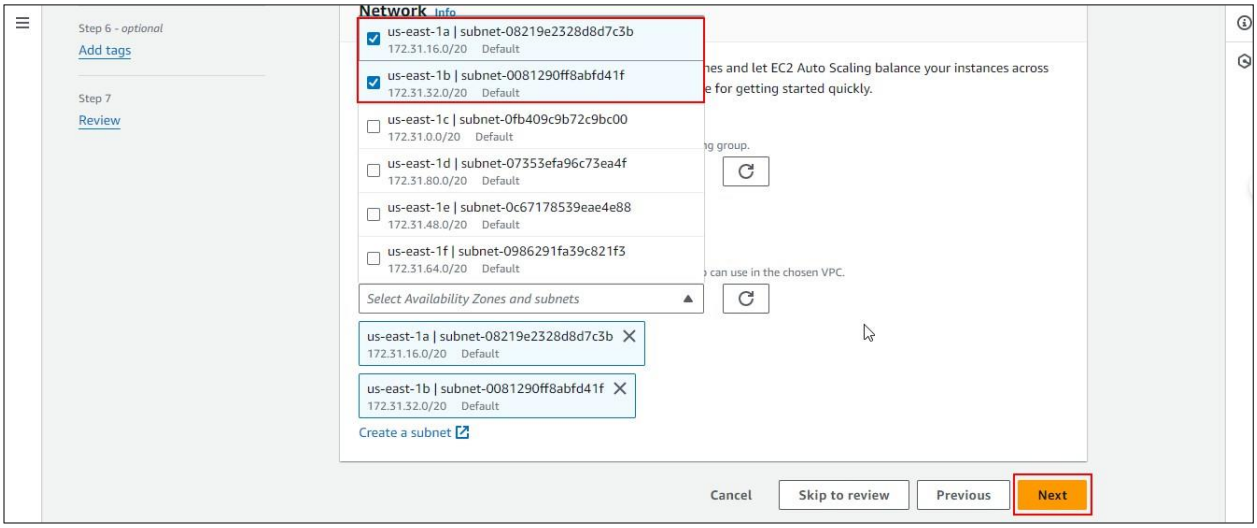


1.3 Add the name as **Testing**, select **MyTestTemplate** in the **Launch template**, and click **Next.**

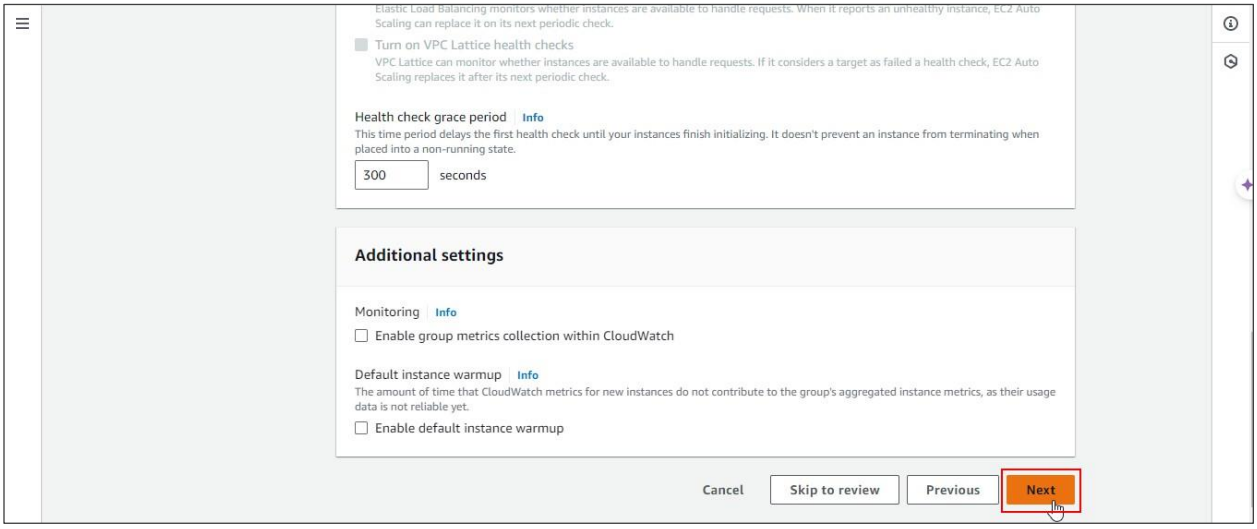
If you don't have any Launch Template then you will need to create one to be used with this practice session.



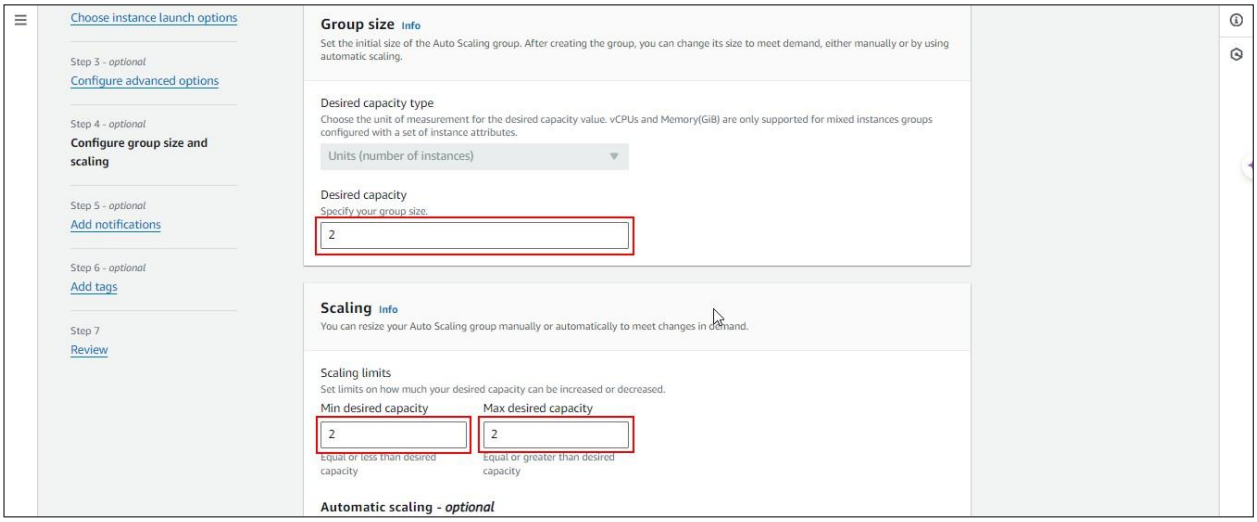
1.4 Select the availability zones and subnets as **us-east-1a** and **us-east-1b,** then click **Next**

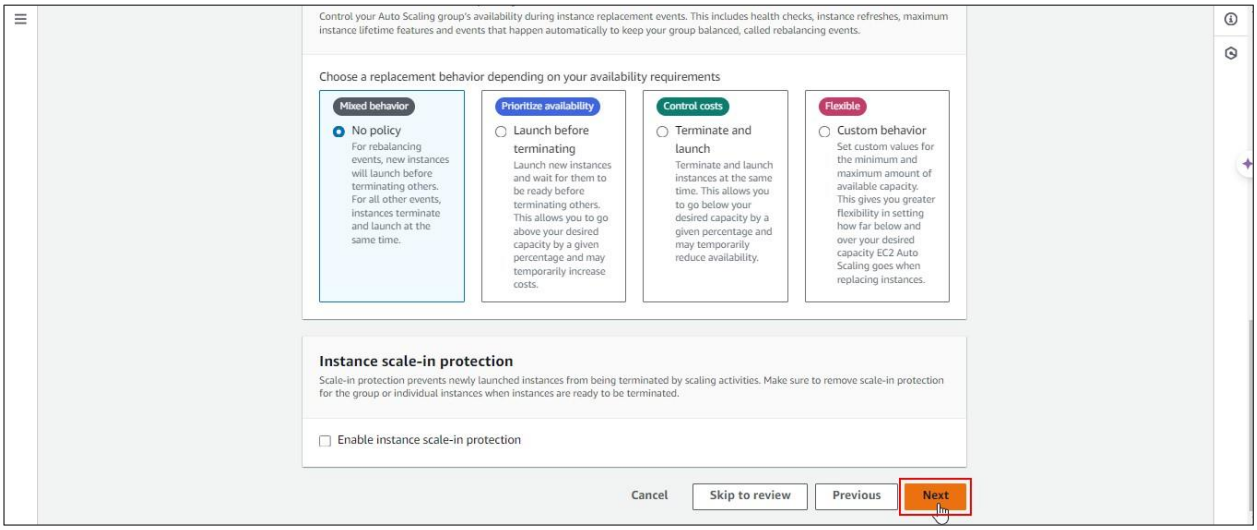


1.5 Click on **Next**

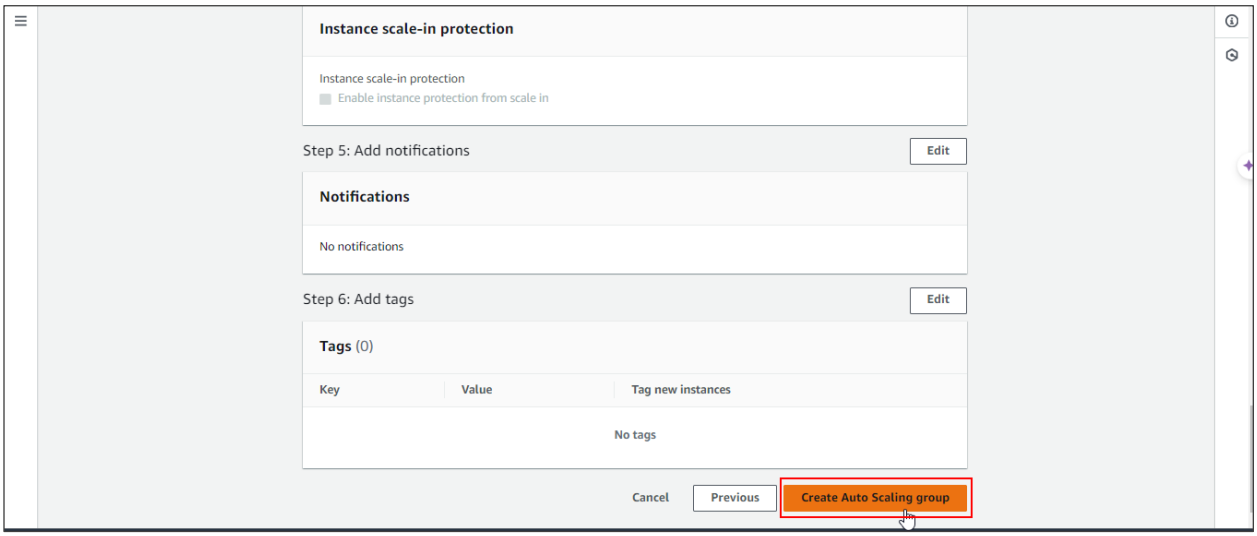


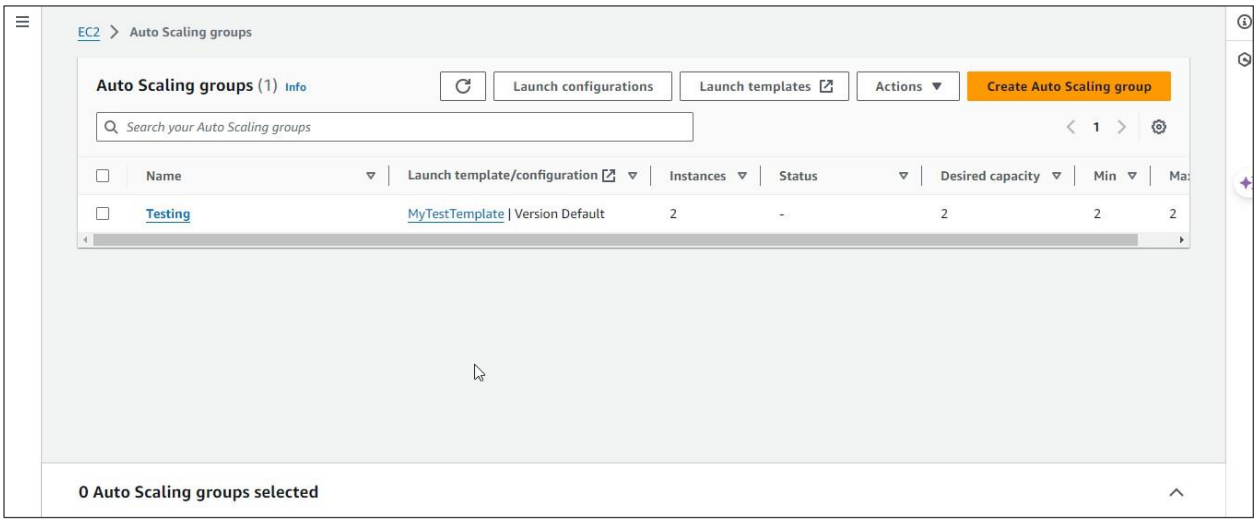
1.6 Add the **Desired capacity**, **Minimum capacity**, and **Maximum capacity** as **2**, and click on **Next**





1.7 Review the steps, and click **Create Auto Scaling group**

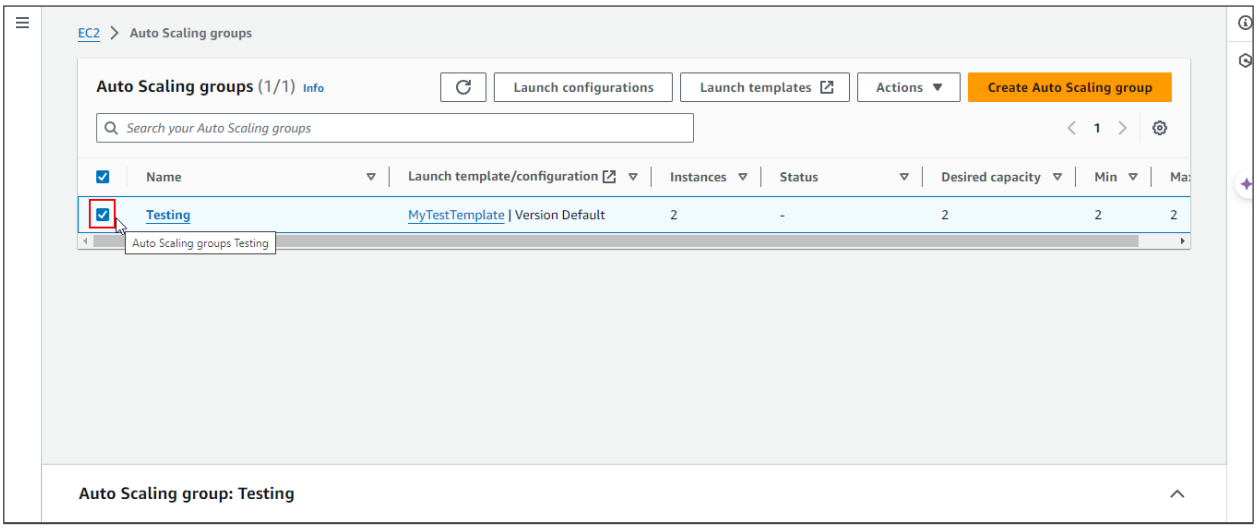




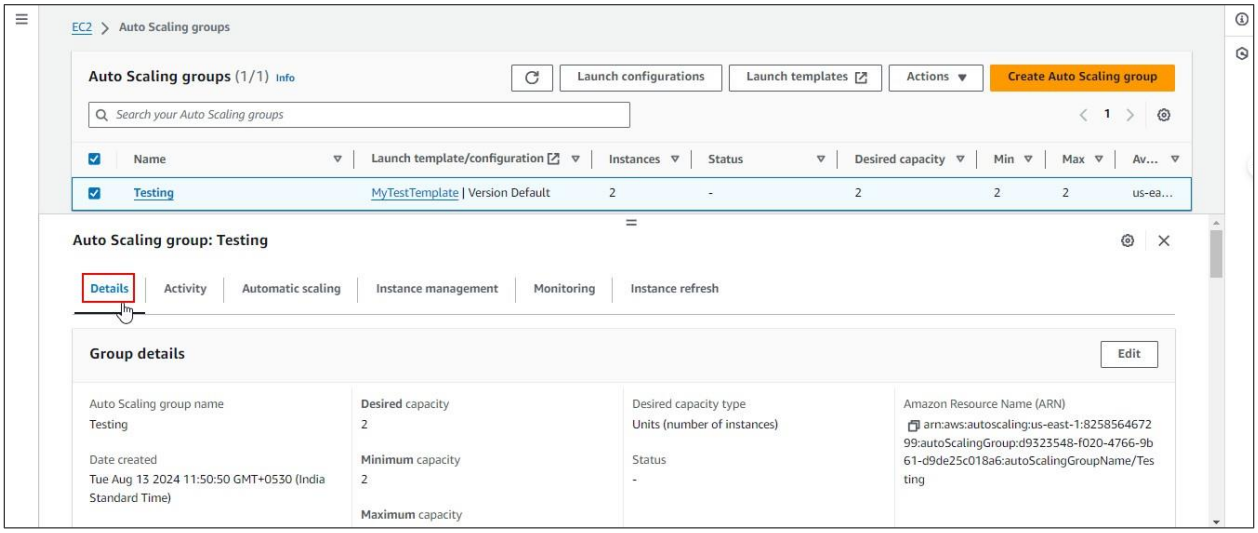
Auto-scaling groups have been created successfully.

Step 2: Set up EC2 Auto Scaling with a Load Balancer

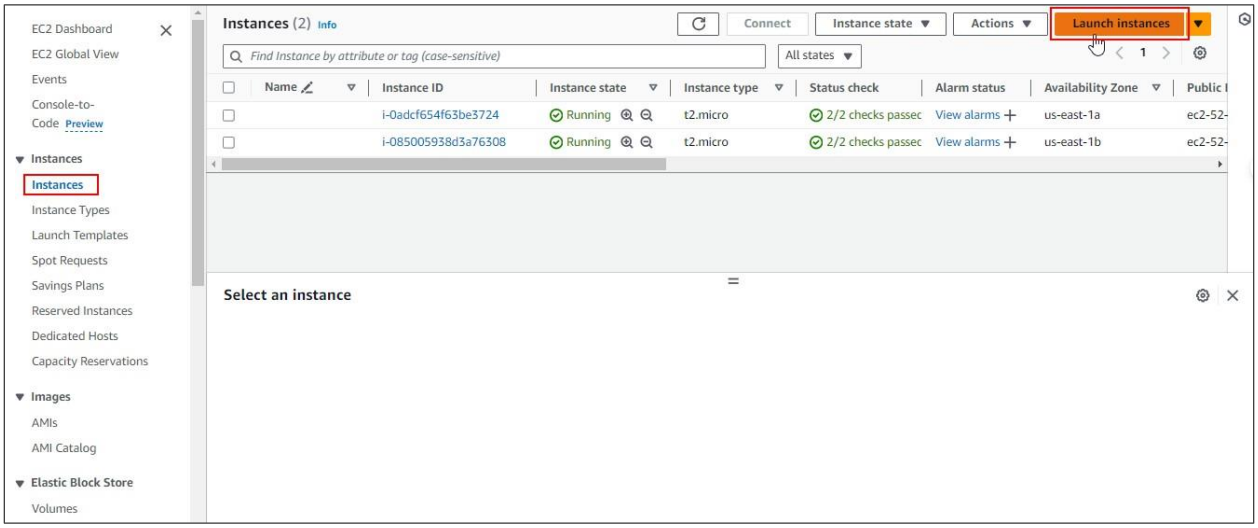
2.1 Select the previously created auto-scaling group as shown:

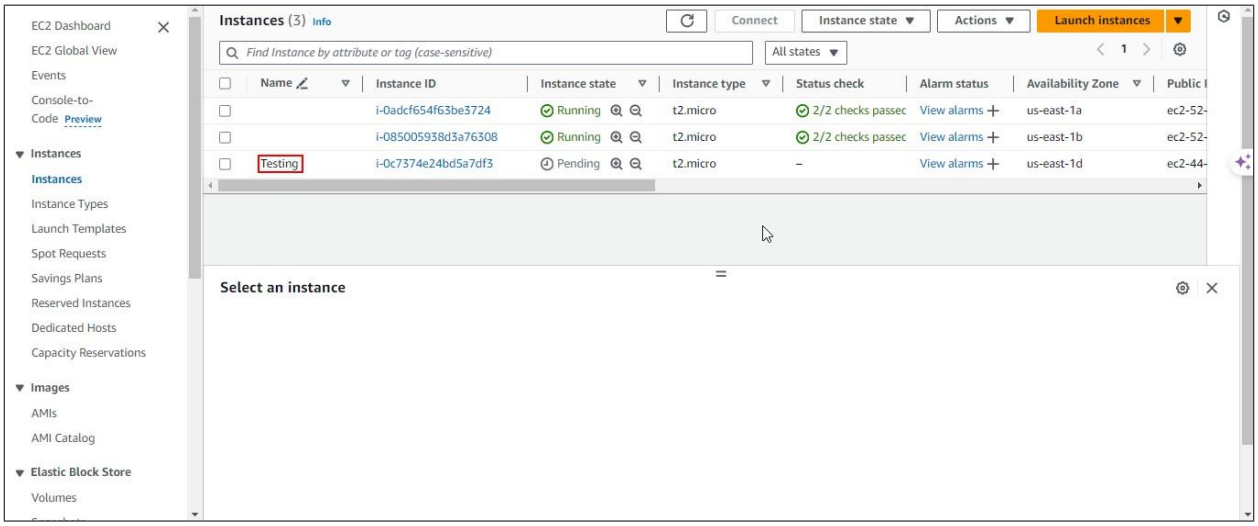


2.2 Click on **Details** to verify the group details

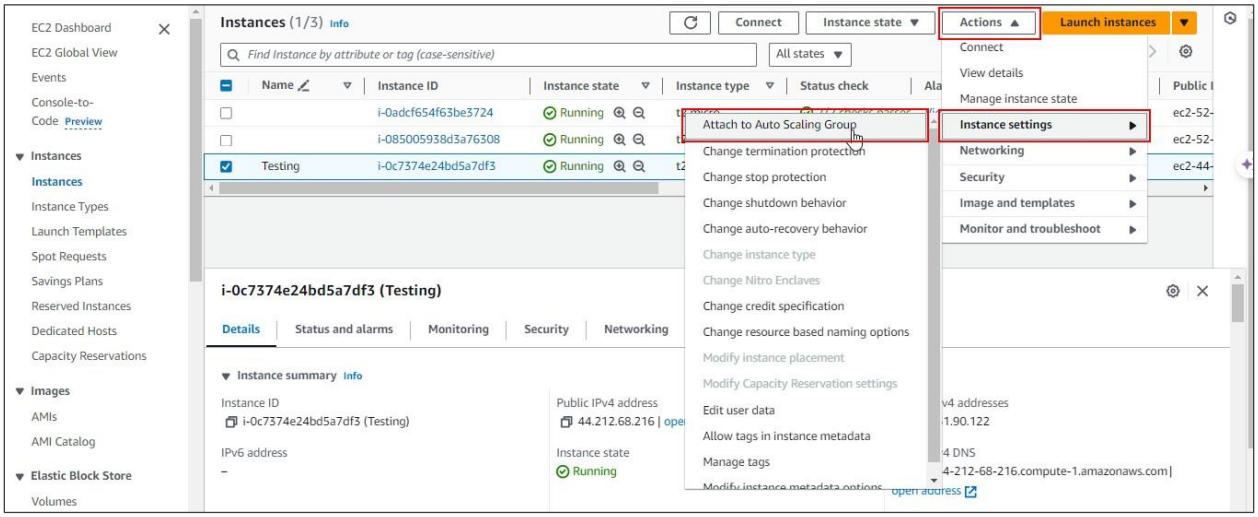


2.3 Navigate to the **Instances**, and click **Launch instances** to create a new instance named **Testing**





2.4 Click on **Actions**, then select **Instance settings**, and choose **Attach to Auto Scaling Group**



2.5 Select the **Auto Scaling Group** name **Testing**, and click **Attach**