

Assignment 5

Problem Statement:

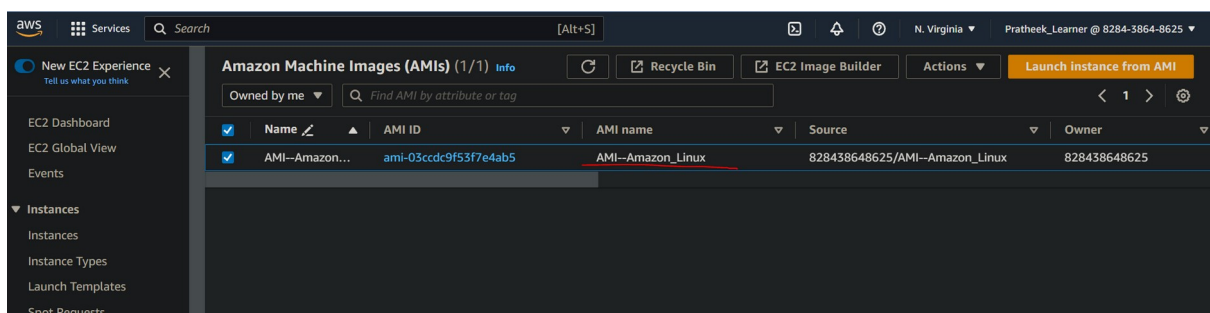
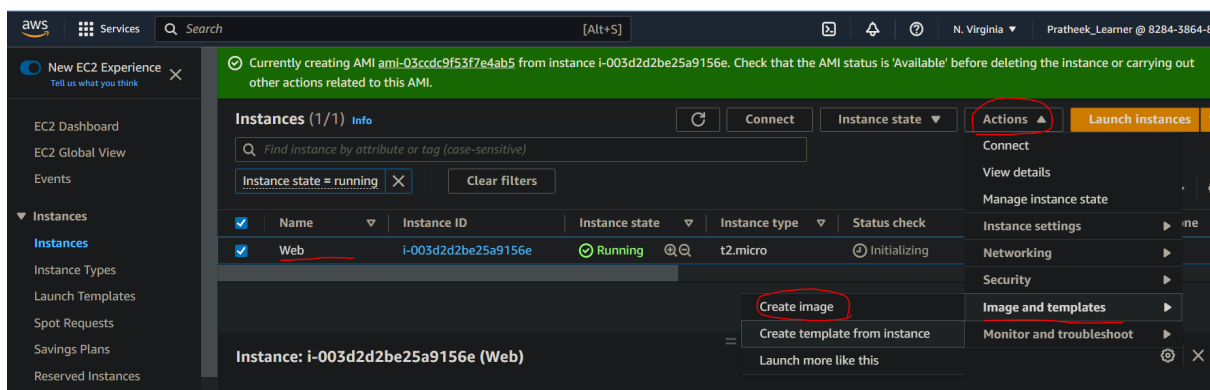
You work for a corporation that uses on premise solutions and some limited number of systems. With the increase in requests in their application, the load also increases. So, to handle the load the corporation has to buy more systems almost on a regular basis. Realizing the need to cut down the expenses on systems, they decided to move their infrastructure to AWS.

Tasks To Be Performed:

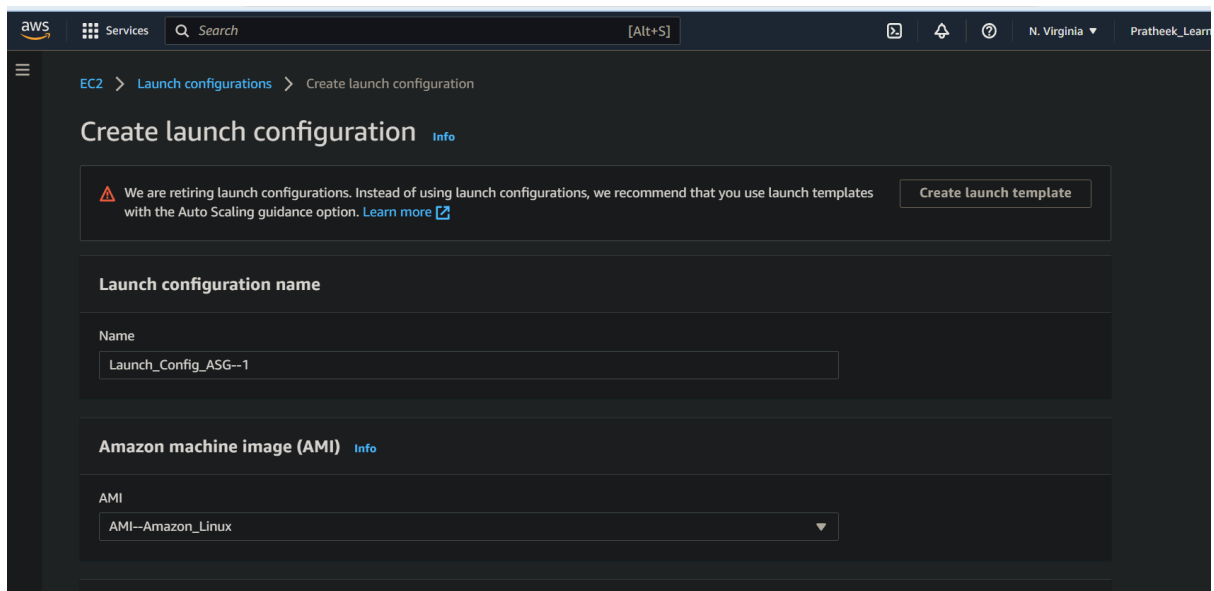
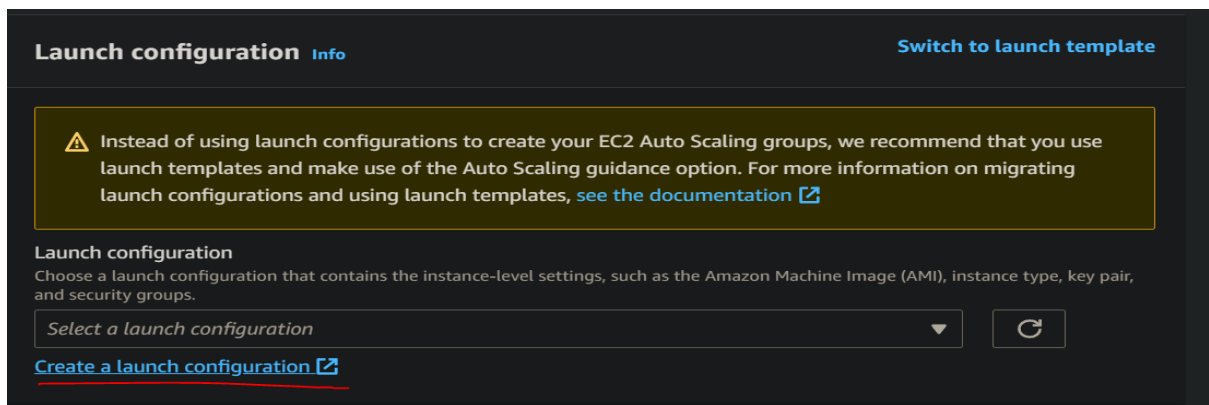
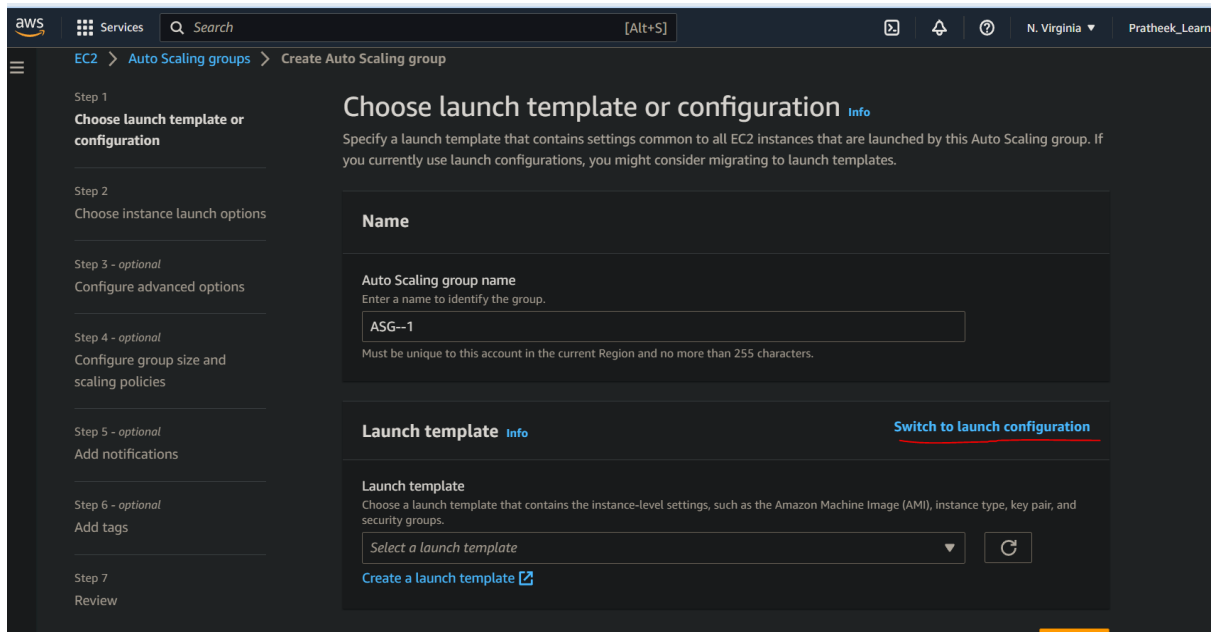
1. Create a web server AMI with Apache 2 server running in it.
2. Create a launch configuration with this AMI.
3. Use this launch configuration to create an Auto Scaling group with 1 minimum and 3 maximum instances.

Solution:

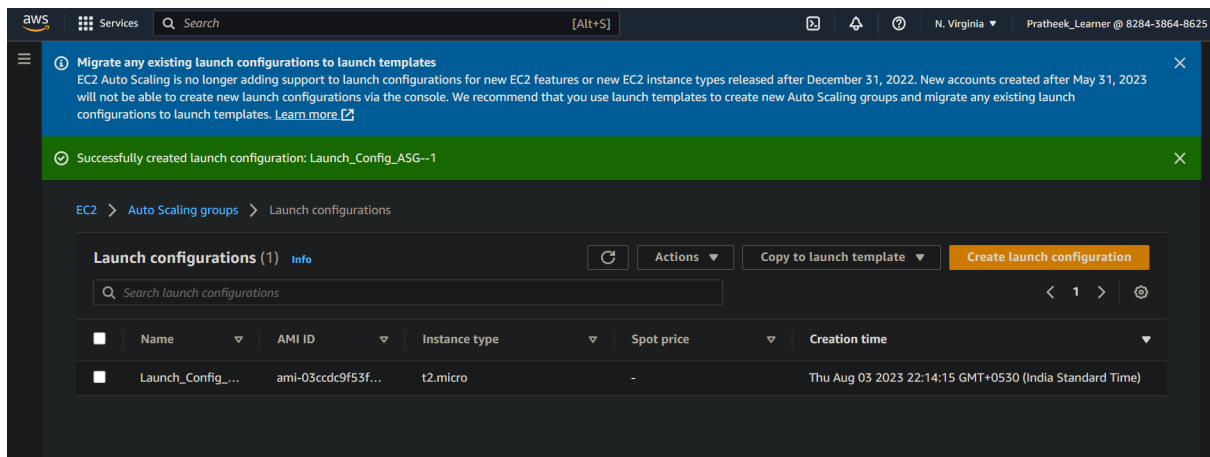
Step 1:- Create an EC2 & from it create an image



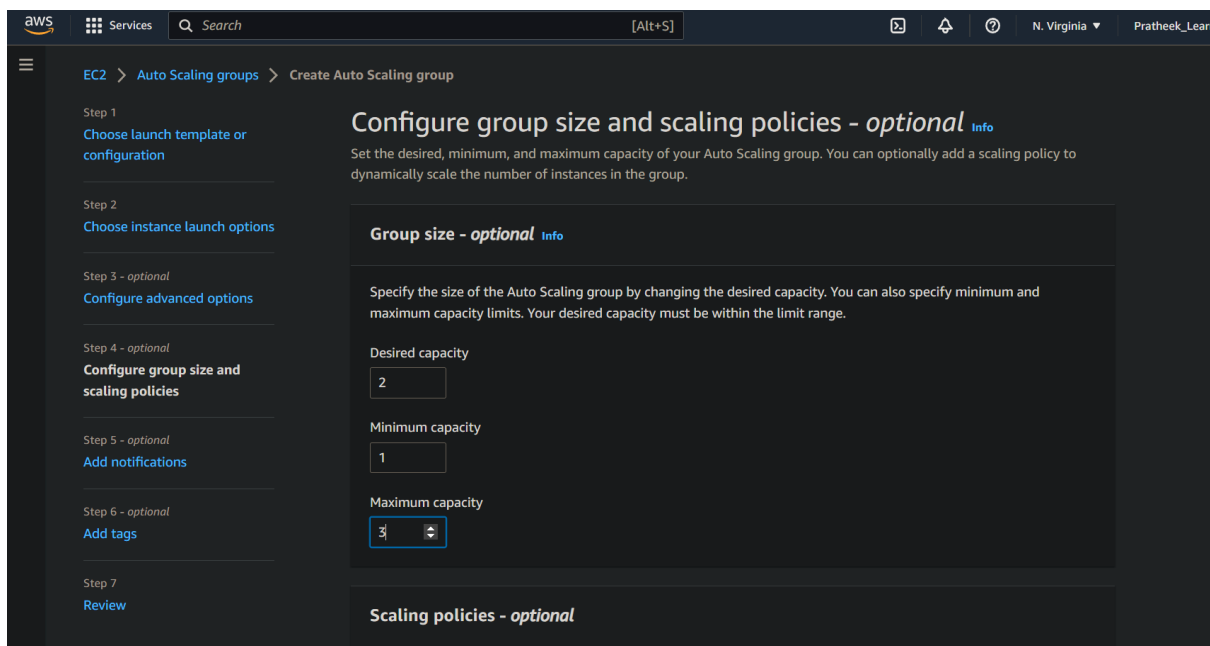
Step 2:- Select Launch configuration from ASG group options



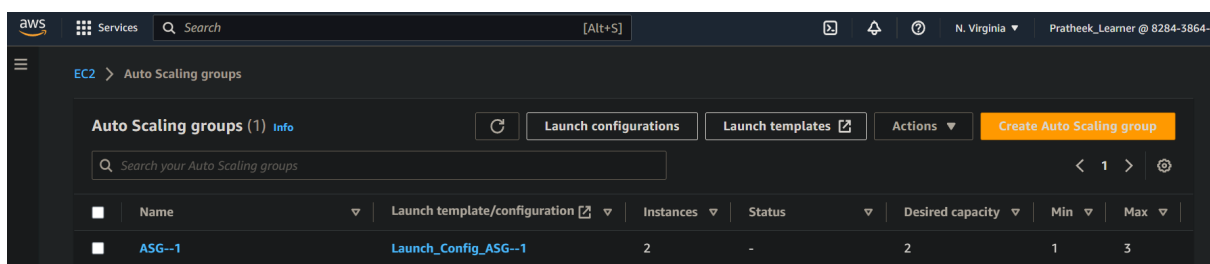
Launch Config created



Step 3:- Configuring ASG with min & max instance values & other stuff



Step 4:- ASG created from Launch configuration



2 new instances created as per ASG desired value

Instances (3) [Info](#) Refresh Connect Instance state Actions Launch instances

Instance state = running Clear filters < 1 > Settings

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input type="checkbox"/>	Web	i-003d2d2be25a9156e	Running	t2.micro	2/2 checks passed	No alarms	us-east-1c
<input type="checkbox"/>	-	i-05b14ae91271aa019	Running	t2.micro	Initializing	No alarms	us-east-1c
<input type="checkbox"/>	-	i-09a2d2af9c040d731	Running	t2.micro	Initializing	No alarms	us-east-1b