

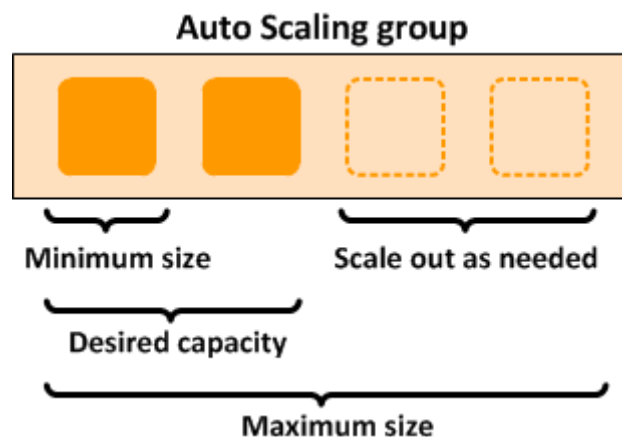
## **Lab 8: Auto Scaling in AWS**

### **Introduction:**

Scaling is the ability to increase or decrease the compute capacity of your application either by changing the number of servers (horizontal scaling) or by changing the size of the servers (vertical scaling).

Auto Scaling helps you maintain application availability and allows you to scale your Amazon EC2 capacity up or down automatically according to the defined conditions. You can use Auto Scaling to help ensure that you are running your desired number of Amazon EC2 instances. Auto Scaling can also automatically increase the number of Amazon EC2 instances during demand spikes to maintain performance and decrease capacity during lulls to reduce costs. Auto Scaling is well suited to applications that have stable demand patterns, or that experience hourly, daily, or weekly variability in usage.

### **Target Figure:**



**Lab Objective:** Demonstration of AWS Autoscaling Group, Target Group with EC2 Instances

Take the snapshots of all performed tasks for the given scenario and create a doc/pdf of your enrolment number\_lab08 (Ex: E18CSE032\_Lab08) and upload the file on LMS.

### **Detailed Video Tutorial:**

[https://www.youtube.com/watch?v=ntNMsYMktd4&ab\\_channel=Begoconsult](https://www.youtube.com/watch?v=ntNMsYMktd4&ab_channel=Begoconsult)

### **Official AWS Web Url:**

<https://docs.aws.amazon.com/autoscaling/plans/userguide/what-is-aws-auto-scaling.html>

