**Auto scaling:**

It continually monitors our applications, and it helps us when instance terminates it launches another instance and also copy the content.

[] **Go to EC2 dashboard**

[] select **launch template**

[] create **launch template**

[] template **name**

[] select **auto scaling guidance**

[] Select **AMI** (amazon Linux)

[] select **instance type**

[] t2.micro

[] in **network setting** , don’t select any subnet

[] in **firewall** (security group)

[] select **created security group or we can create**

[] select **advanced details**

[] go down we get some space there write our code

#!/bin/bash

Yum update –y

Yum install –y httpd

Systemctl start httpd -----------> apache

#!/bin/bash

Yum update –y

Yum install –y nginx

Systemctl start nginx -----------> nginx

[] **create launch template**

[] in **EC2 bashboard** select **auto scaling groups**

[] create **auto scaling group**

[] name

[] select **launched template**

[] next

[] select **VPC**

[] in **availability zone** select **subnet** (at least 2 subnets)

[] next

[] in **load balancing**, select **attach to a new load balancer**

[] select **application load balancer** (HTTP)

[] select **internet-facing**

[] in **listeners & routing**

[] select **create a target group**

[] in **EC2 health checks turn ON elastic load balancing health checks**

[] next

[] in **group size, select numbers of instance**

[] in **scaling policies, select none**