

## **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 dashboard** 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

