AMI

Creation of AMI and creating instances with it

Lamp server installation

Apt-get install apache 2

Service apache2 status

Create AMI

3 instances are created

Apt-get install tasksel

Take from internet how to install Lamp server step by step

Paste the 3 server ip’s on web browser and check the apche2 server and with info.php extension

Check the lamp server webserver

Load balancer

Is for route the traffic from one server another while the load has been increase

LOAD BALANCE HEALTH CHECKS THE WORKING AND NON WORKING SERVER

By using AMI 3 instances has been created

2 sec unhealthy

5 sec healthy

2 time for unhealthy

5 time healthy

Attach the working server with cloud watch

Wait till the action shows from out of service to inservice

DNS will be paste in webbrowser

Simple notification service

Topic

Mahatopic

Create subscription

Mail id

Cloud watch

Apt-get update

Install stress

Stress -c 4

Metrics CPU utilisation

Threashold

Under 45% or 85%

Alarm and terminate the instance

Add name create my alarm

Auto scaling

AMI with lamp server

CLB without instances

SNS

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**Cloud watch is responsible by auto scaling**

Launch configuration

Auto scaling group rules

Scale out – Decrease

Scale in – Incrase

Group size

Desire capacity – 2

Minimum capacity -2

Maximum capacity -6

Select target tracking policy-metric utilisation- average CPU utilisation

Target value -45

Instances needed -100

Install stress

Sress –c 4

ELASTIC BLOCK STORAGE

Adding of additional volume to running instance

Fdisk –l

df-h