

AUTOSCALE

AUTO SCALING

LOAD BALANCE---TRAFFIC -80%

AUTOSCALING---MINITOR YOUR APPLICATION AND AUTOMATICALLY ADJUST CAPACITY

IF THREE SERVER---CPU UTILISE 80% INCREASE
ONE INSTANCE WITH SAME SETTING AUTOMATIC CREATE

IF TRAFFIC DOWN ---CPU UTILIZATION 20% AUTOMATICALLY REMOVE (scale in and scale out)

horizontal

launch configuration , scaling group , scaling policy

re balance automatically

remove from where maximum and add where minimum
in ASG we can add instance by console or CLI
can add instance which is running
also use ami of instance which was running
one instance only in one ASG
in balancing ---- increase 10% or 1 increase from maximum limit when balancing in some scenario

EC2 INSTANCE---AMI CREATE (WEB SERVER IMAGE)

AUTO SCALING ---CREATE

SELECT TEMPLATES CREATE --LAUNCH MY AMI--

NAME

IAM ROLE

MONITOR

SECUIRTY GROUP 3389 80

CREATE AND LAUNCH ---

SETUP AUTO SCALING GROUP
GROUP NAME
GROUP SIZE
NETWORK
SUBNET

ADVANCE
LOADBALANCE--RECEIVE TRAFFIC FROM ONE OR MORE LOAD BALANCER

TARGET GROUP
AUTO SCALING GROUP

BETWEEN 3 MIN AND 10 MIN

INCREASE--SCALE GROUP SIZE
NAME
METRICS TYPE
TARGET VALUE
INSTACE NEED

SEND NOTIFICATION TO

WHENEVER IS >= 80

TAKE ACTIION ADD 2 INSTANCE

DECREASE GROUP SIZE---

WHENEVR <= 30 % CPU UTILIZATION

TAKE ACTION
REMOVE -----INSTANCE

NEXT

NEXT CLOSE

yum install stress

stress -- cpu -- timeout 1000