



www.e-commerce...



Publishing the website

aws



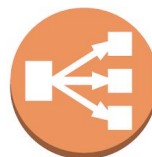
- Web Server work in EC2 machine



8 gb

8gb

8gb



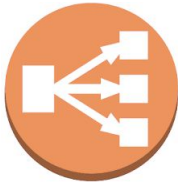
Load
Balancer



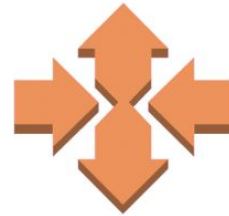
DNS

Health CHECK

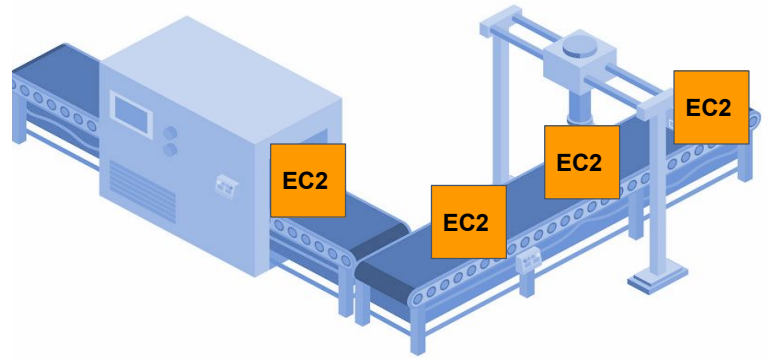
Distribute



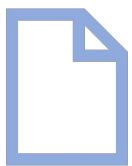
Load Balancer



Auto Scaling



New instance creating capability

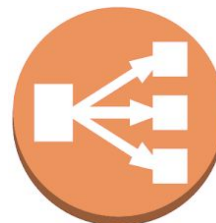


Launch Template

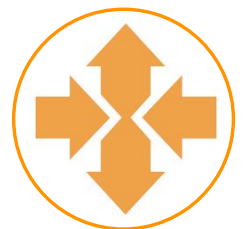
Launch Configuration



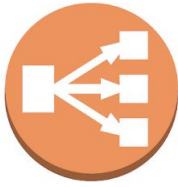
TARGET GROUP



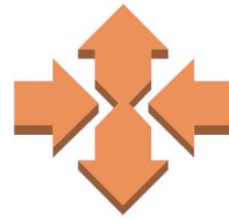
Load Balancer



**Auto Scaling
GROUP**



Load Balancer



Auto Scaling

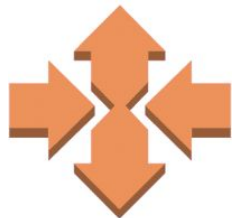


Auto Scaling says “Give me INSTANCE SAMPLE”

Plaster Mold



Launch Template +
Launch Configuration +



+ + +

HEALTHY THRESHOLD



INTERVAL= 10 SEC



CONSECUTIVE SUCCESSFUL HEALTH CHECK

1

2

3

Unhealthy

Healthy

UNHEALTHY THRESHOLD

Timeout =5 sec



Healthy



CONSECUTIVE FAILED HEALTH CHECK

1

2



Unhealthy



Target Group

Load Balancer

Load Balancer
+ Auto Scaling



REGISTERING
Manually

Target Group = Pool



Empty



Launch Template

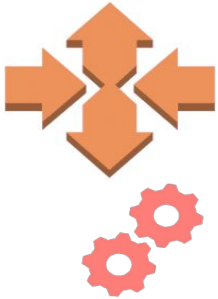
Launch Configuration

1



Auto Scaling

4



+++



Target Group = Pool

2

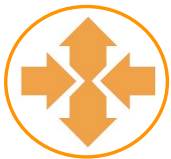


Load Balancer

Water level is dynamic



3



Auto Scaling

az-1>>>>>

az-2>>>

.

.

.

az-6



TARGET GROUP



az-1>>>>



az-2>>>



az-3



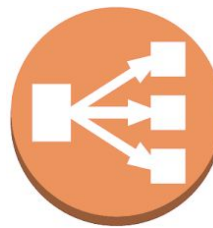
az-4



az-5>>



az-6



Load Balancer

az-1

az-2

az-3

Health Check Grace Period

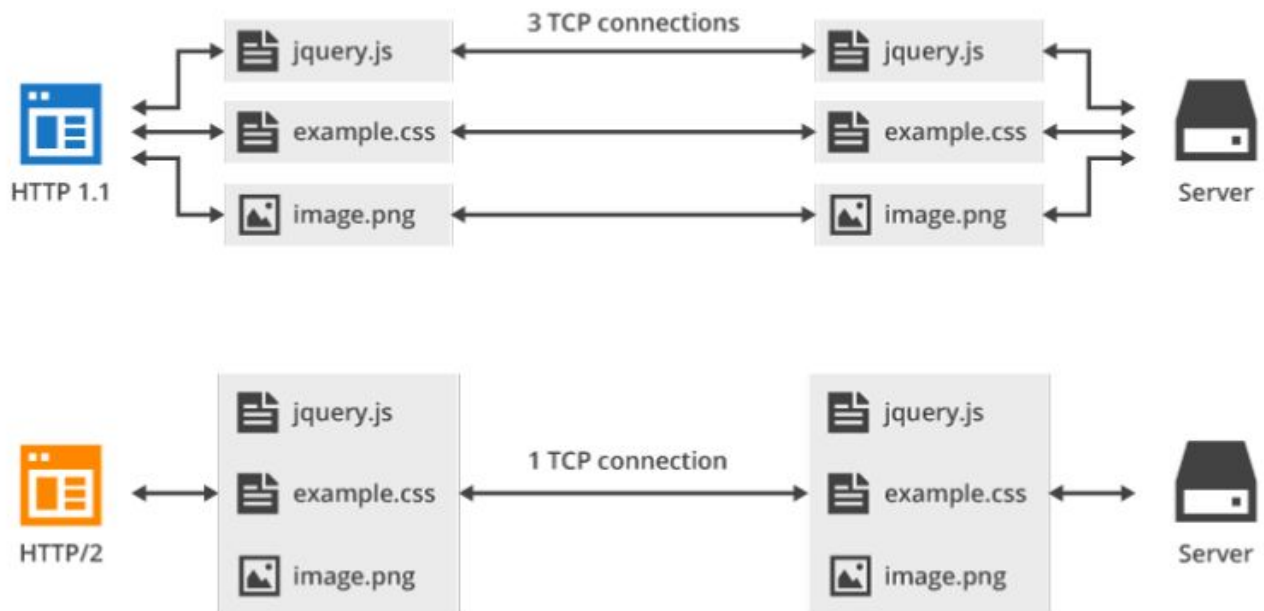
Muddy Sandy Sea Bottom in first seconds of diving



Clear Sea Bottom after waiting for a while



Multiplexing



Instances	Desired	Min	Max
Current 3	Will be/ Goal 6	Min limit for Policy1	Max limit for Policy5

