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Publishing the website



aws



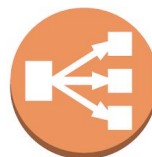
- Web Server work in EC2 machine



8 gb

8gb

8gb



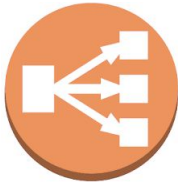
Load
Balancer



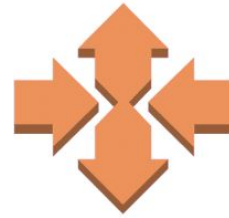
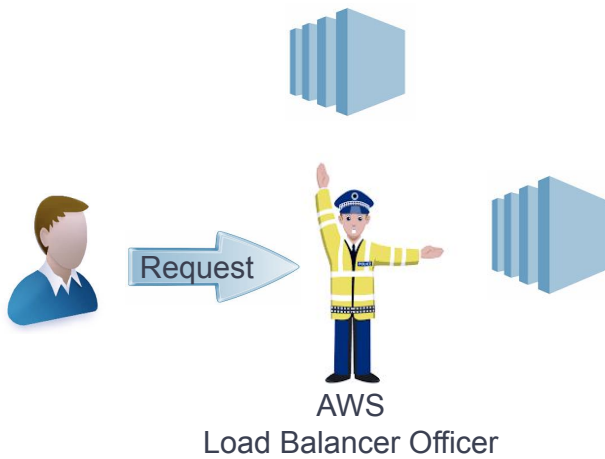
DNS

Health CHECK

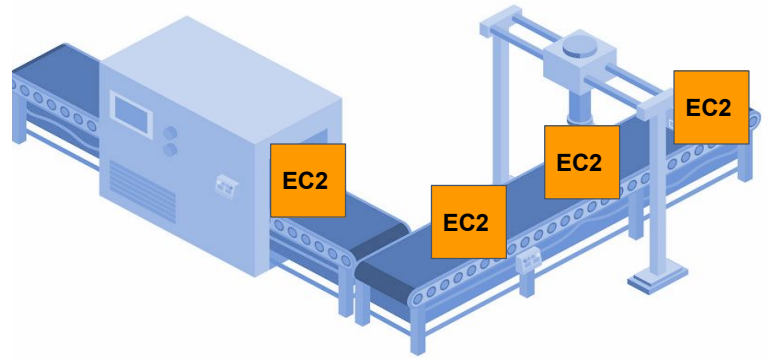
Distribute



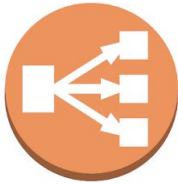
Load Balancer



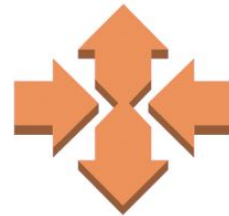
Auto Scaling



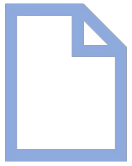
New instance creating capability



Load Balancer



Auto Scaling

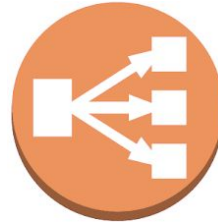


Launch Template

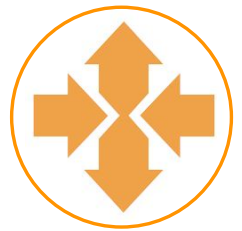
Launch Configuration



TARGET GROUP



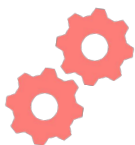
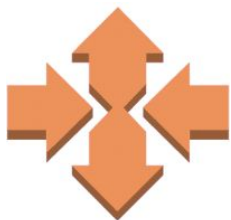
Load Balancer



Auto Scaling
GROUP

Auto Scaling says “Give me INSTANCE SAMPLE”

Plaster Mold



+ + +

Launch Template +
Launch Configuration +

Load Balancer

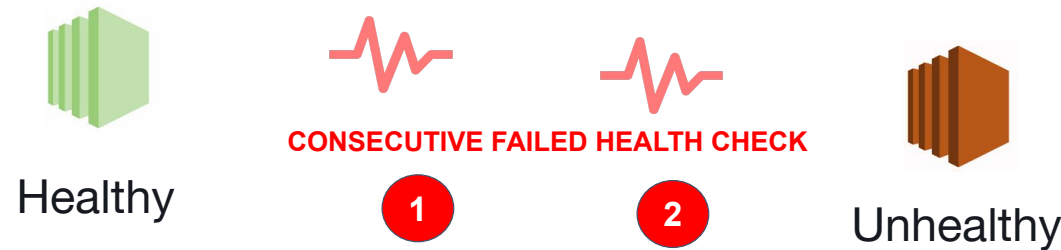


Target Group = Pool

HEALTHY THRESHOLD



UNHEALTHY THRESHOLD

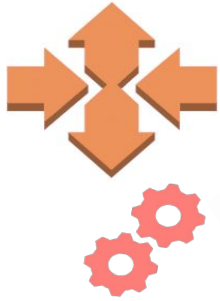


Timeout = 5 sec

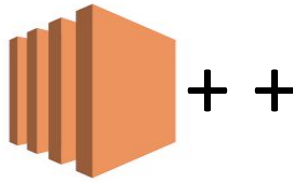




Launch Template 1 Launch Configuration



+ + +



+ +

2



Target Group = Pool

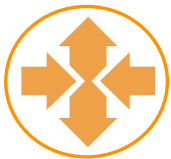


Load Balancer

Water level is dynamic



3



Auto Scaling

az-1>>>>

az-2>>>

az-3

az-4

az-5>>

az-6



TARGET GROUP



az-1>>>>



az-2>>>



az-3



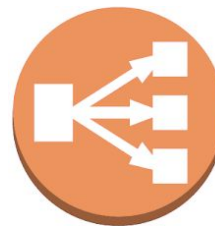
az-4



az-5>>



az-6



Load Balancer

az-1

az-2

az-

az-

az-5

az-

Health Check Grace Period & Cooldown Period

Muddy Sandy Sea Bottom in first seconds of diving



Clear Sea Bottom after waiting for a while

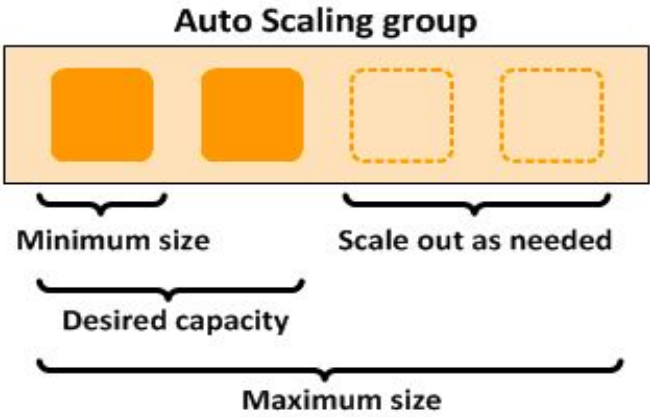


- triggered by exceeding the limits
- we watch out the limits

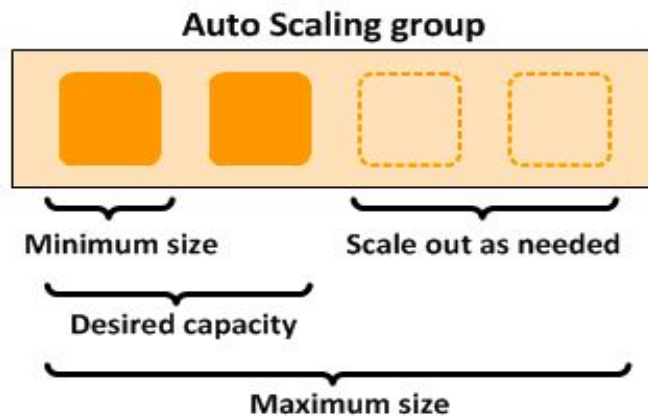
can trigger 



Instances	Desired	Min	Max
Current 2	Will be/ Goal 2	Min limit for Polcy 1	Max limit for Policy 4



Instances	Desired	Min	Max
Current 5	Will be/ Goal 5	Min limit for Policy1	Max limit for Policy5



Multiplexing

