

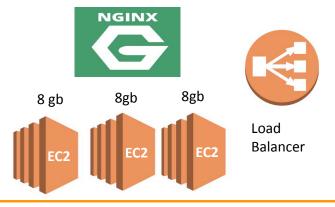








- Web Server work in EC2 machine





DNS Health CHECK

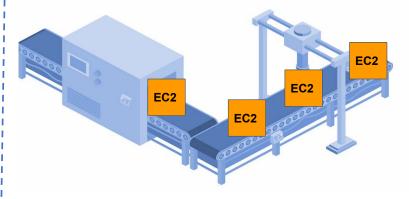
Distribute



Load Balancer







New instance creating capability



Launch Template

Launch Configuration



TARGET GROUP

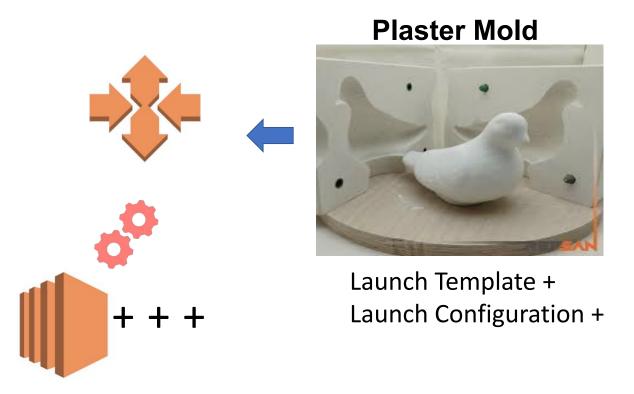


Load Balancer

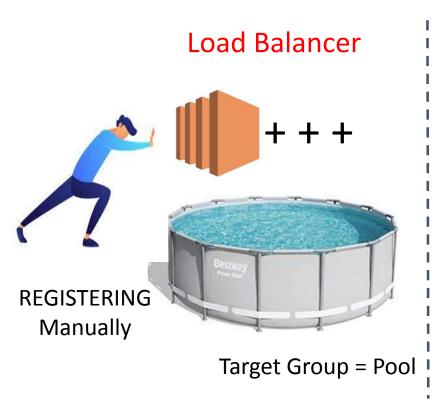


Auto Scaling GROUP

Auto Scaling says "Give me INSTANCE SAMPLE"



Target Group



Load Balancer+ Auto Scaling









Auto Scaling

az-1>>>>

az-2>>>

.az-3

.az-4

.az-5

az-6

TARGET GROUP

Load Balancer

az-1 **>

az-1

az-3

az-4

az-5>>

az-5

az-6

az-6

HEALTHY THRESHOLD









CONSECUTIVE SUCCESSFUL HEALTH CHECK

Healthy

UNHEALTHY THRESHOLD







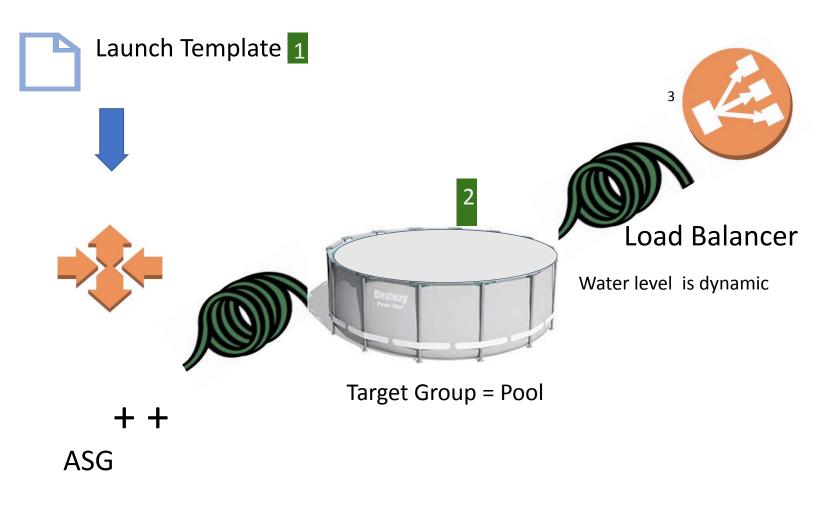


CONSECUTIVE FAILED HEALTH CHECK









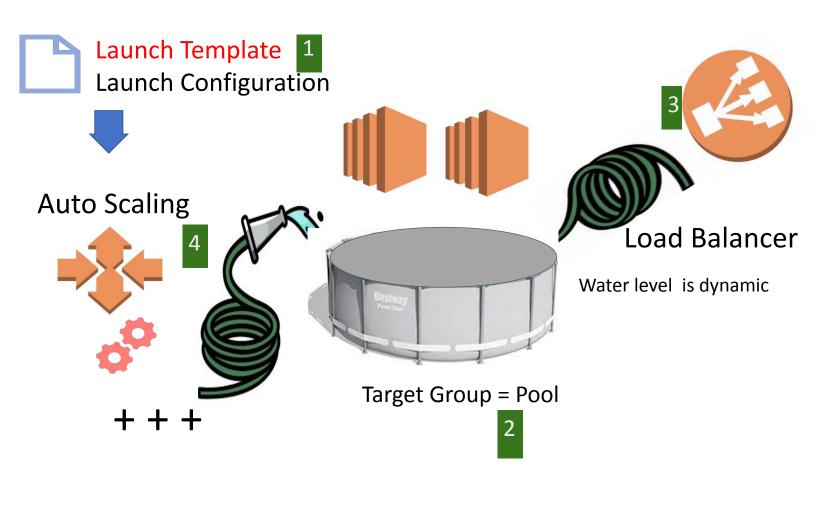
Health Check Grace Period & Cooldown Period

Muddy Sandy Sea Bottom in first seconds of diving



Clear Sea Bottom after waiting for a while









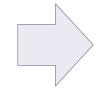
- triggered by exceeding the limits





- we watch out the limits

















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

Auto Scaling group Minimum size Scale out as needed Desired capacity Maximum size

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

Auto Scaling group Minimum size Scale out as needed Desired capacity Maximum size

Multiplexing

