# Amazon-ELB 4: Create CLB & Migrate into ALB Task1

## **Problem Statement:**

You work for XYZ Corporation that uses on premise solutions and some limited number of systems. With the increase in requests in their application, the load also increases. So, to handle the load the corporation has to buy more systems almost on a regular basis. Realizing the need to cut down the expenses on systems, they decided to move their infrastructure to AWS.

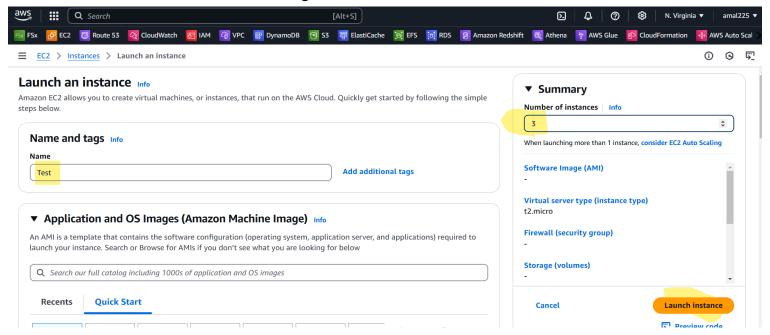
## Tasks To Be Performed:

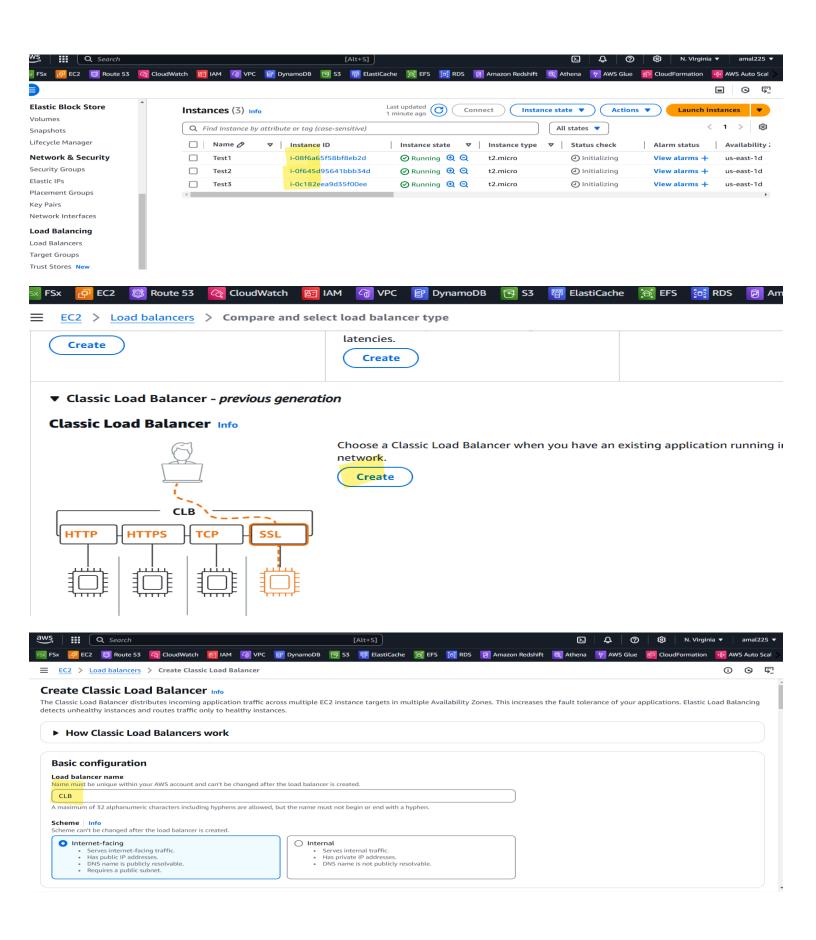
- 1. Create a Classic Load Balancer and register 3 EC2 instances with differentweb pages running in them.
- 2. Migrate the Classic Load Balancer into an Application Load Balancer.

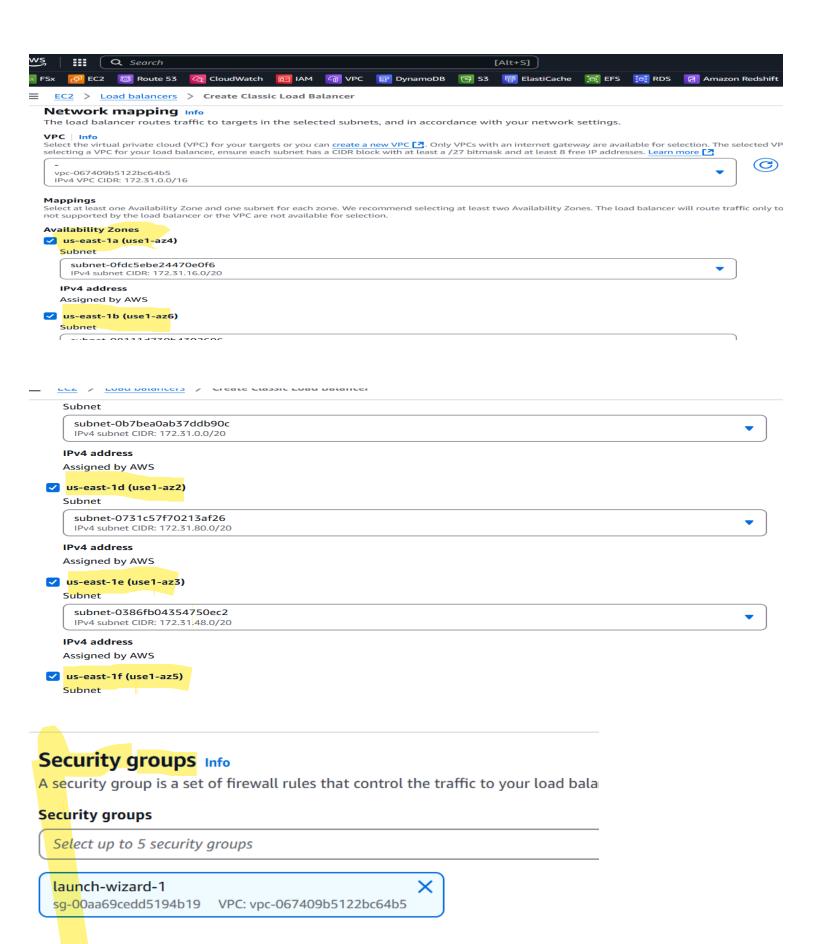
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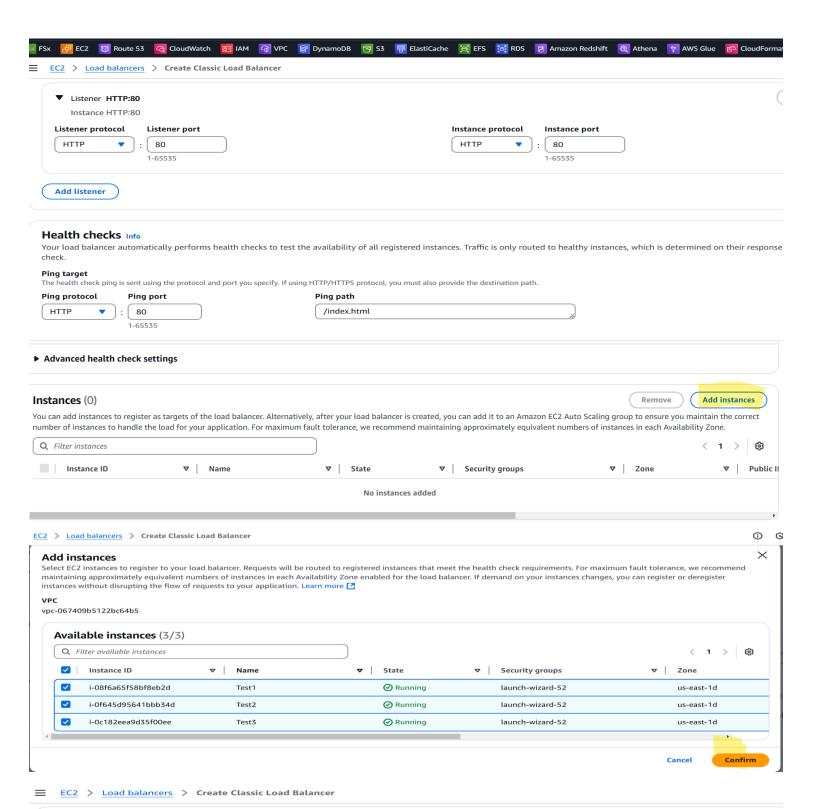
### Solution:

- **1.** Create a Classic Load Balancer and register 3 EC2 instances with differentweb pages running in them.
- First create 3 EC2, and then go to Load balancer dashboard.









#### Attributes

Creating your load balancer using the console gives you the opportunity specify additional features at launch. You can also find and adjust these settings in your load balancer is created.

Enable cross-zone load balancing

With cross-zone load balancing, each load balancer node for your Classic Load Balancer distributes requests evenly across the registered instances in all enabled Availability Zor balancer node distributes requests evenly across the registered instances in its Availability Zone only. Classic Load Balancers created with the API or CLI have cross-zone load balancer, you can enable or disable cross-zone load balancing at any time.

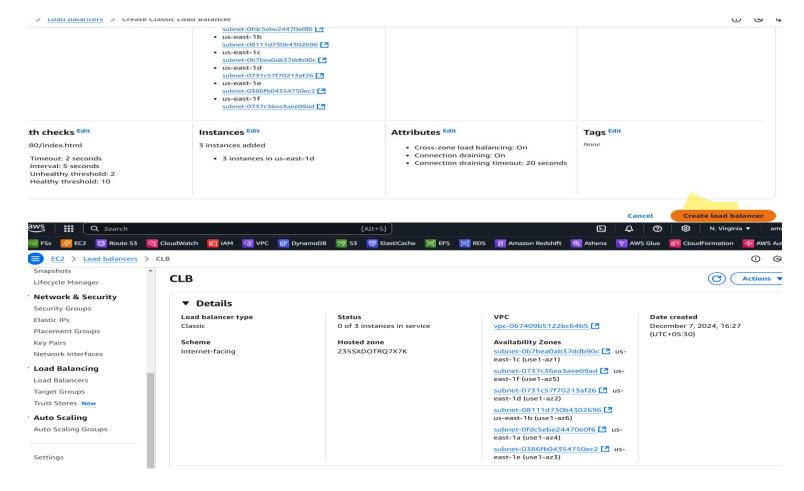
Enable connection draining

Applicable to instances that are deregistering, this feature allows existing connections to complete (during a specified draining interval) before reporting the instance as deregis

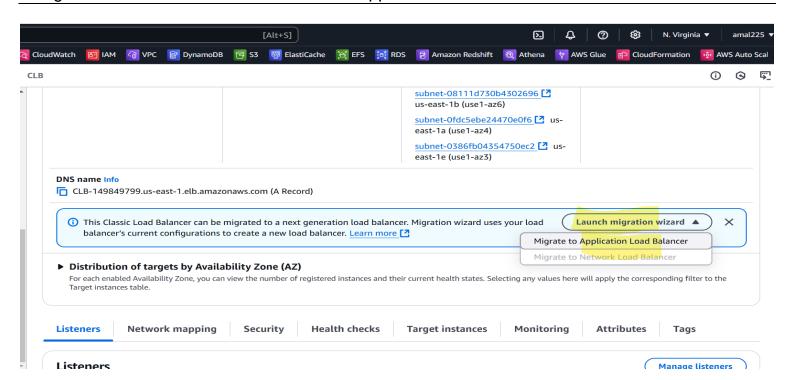
Timeout (draining interval)

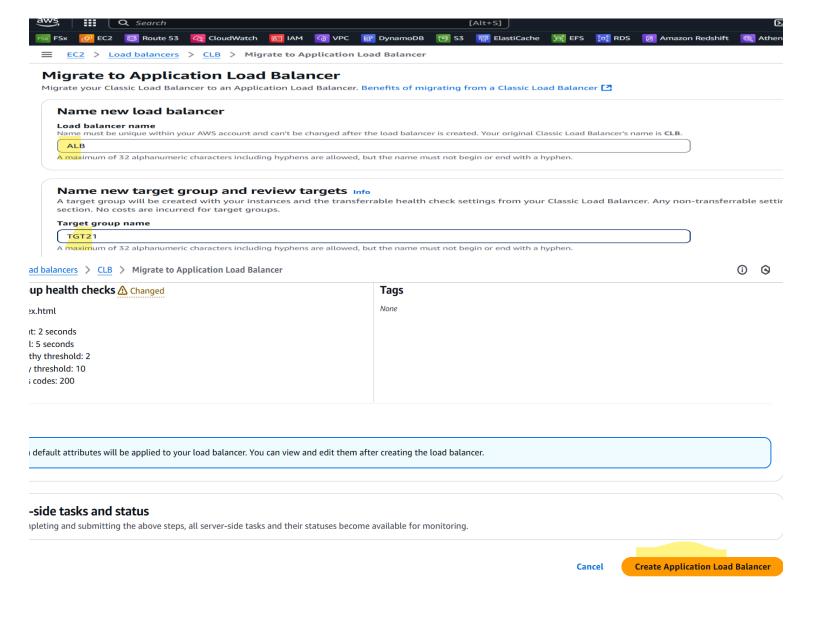
The maximum time for the load balancer to allow existing connections to complete. When the maximum time limit is reached, the load balancer forcibly closes any remaining co

Valid values: 1-3600 (integers only)



## 2. Migrate the Classic Load Balancer into an Application Load Balancer.





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