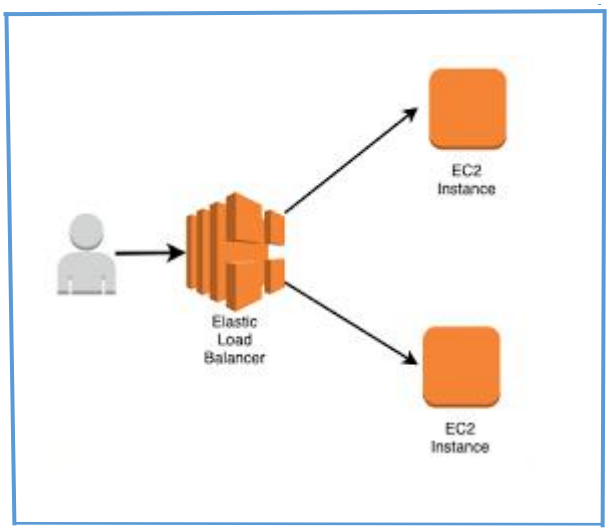
Launching Load balancer :



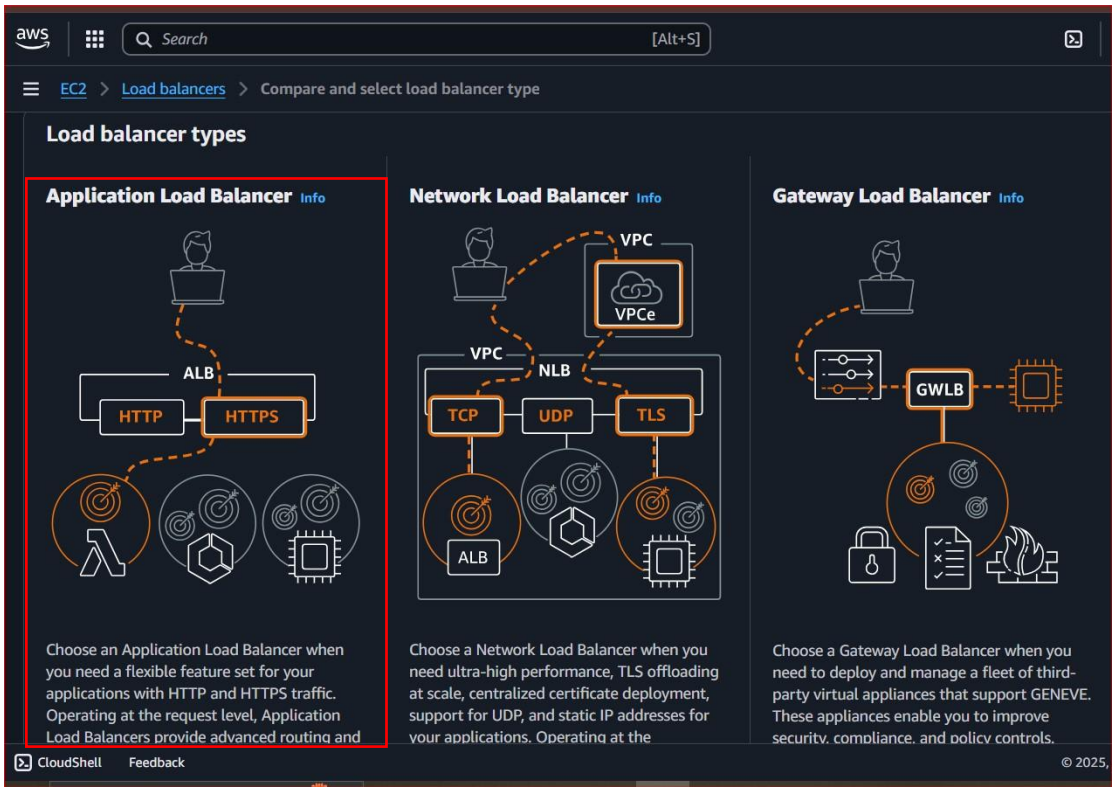
ELB

- - A load balancer is a networking component that distributes incoming traffic across multiple servers to ensure no single server becomes overloaded. It helps improve the availability, reliability, and performance of applications by evenly sharing the workload. If one server fails, the load balancer redirects traffic to healthy servers, providing fault tolerance.

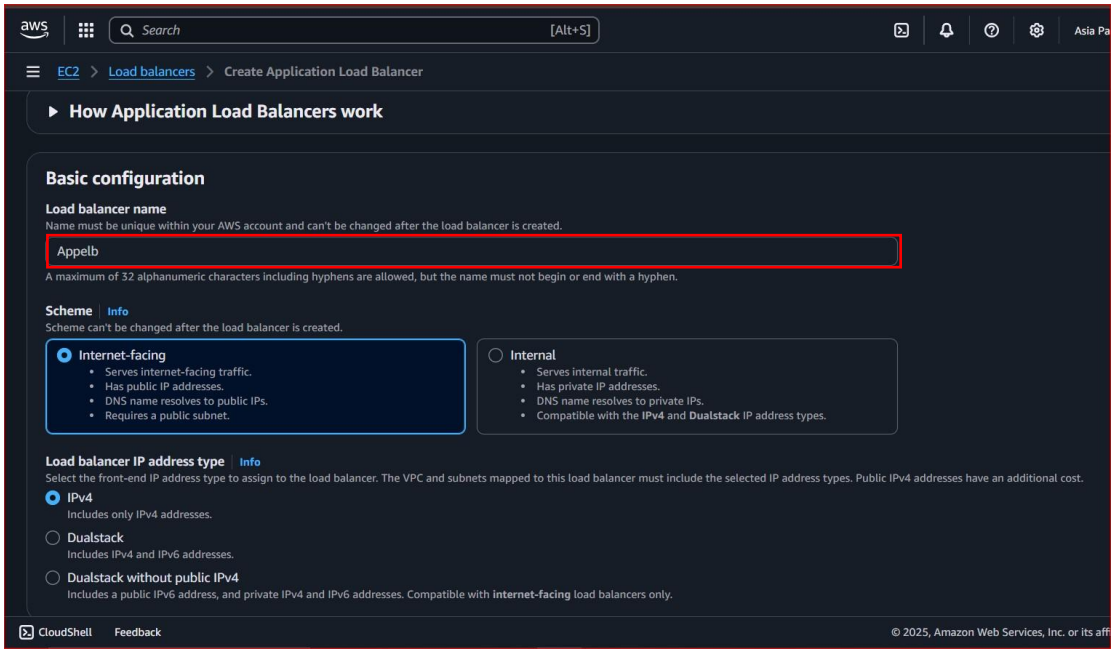
- - Load balancers can work at different layers, such as Layer 4 (transport layer, handling TCP/UDP traffic) and Layer 7 (application layer, handling HTTP/HTTPS requests). They also improve scalability by allowing you to add or remove servers without affecting end users.

- -Load balancers can be hardware-based or software-based, and many cloud providers offer managed load balancing services. Overall, they act as the "traffic controller" of your application infrastructure, ensuring smooth and efficient user experience.

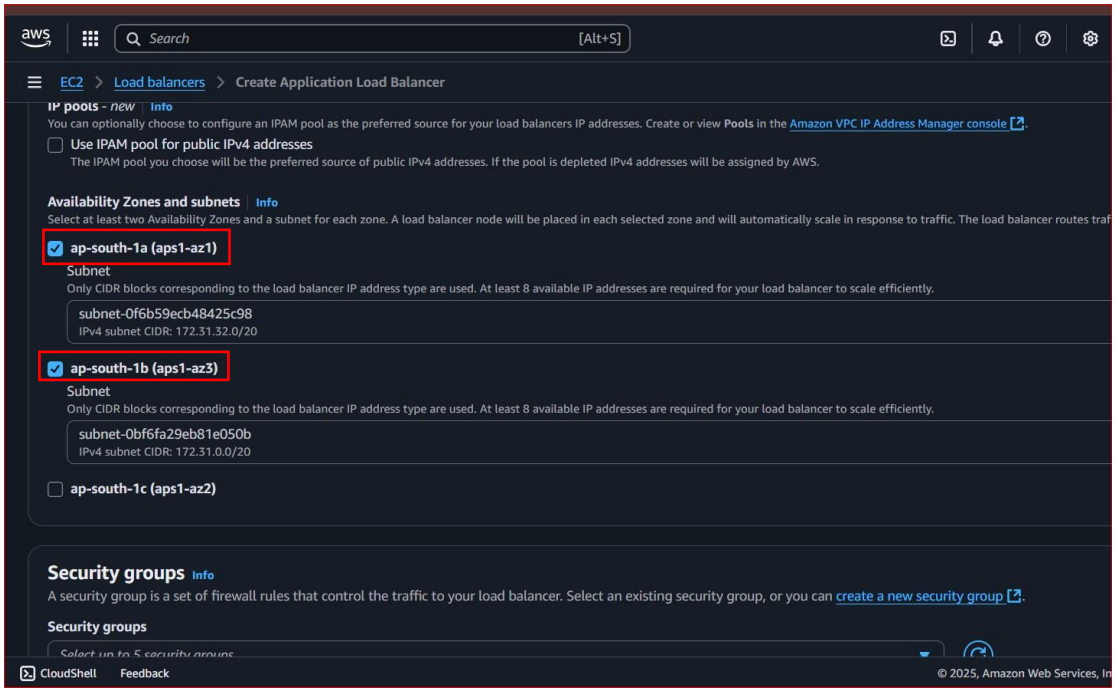
1. Click on create load balancer & Select Application load balancer :



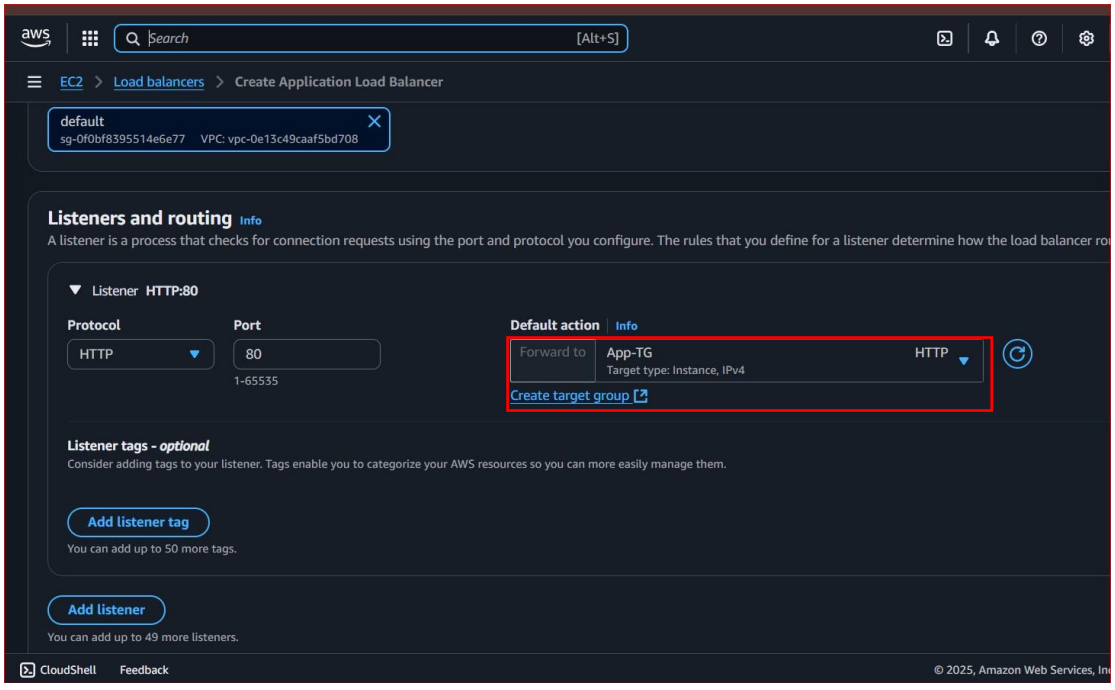
2. Give name to load balancer :



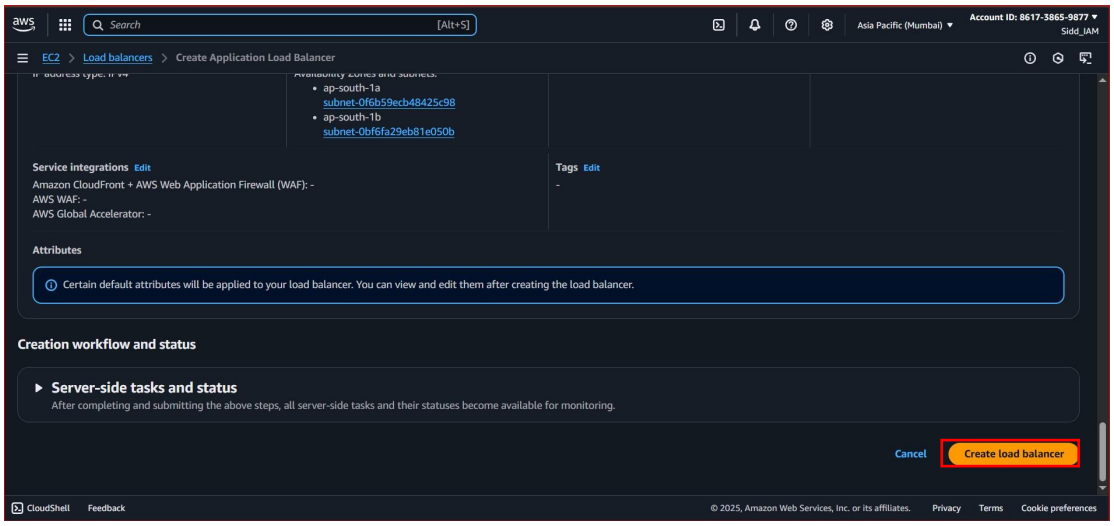
3. Select Availability Zones and subnets :



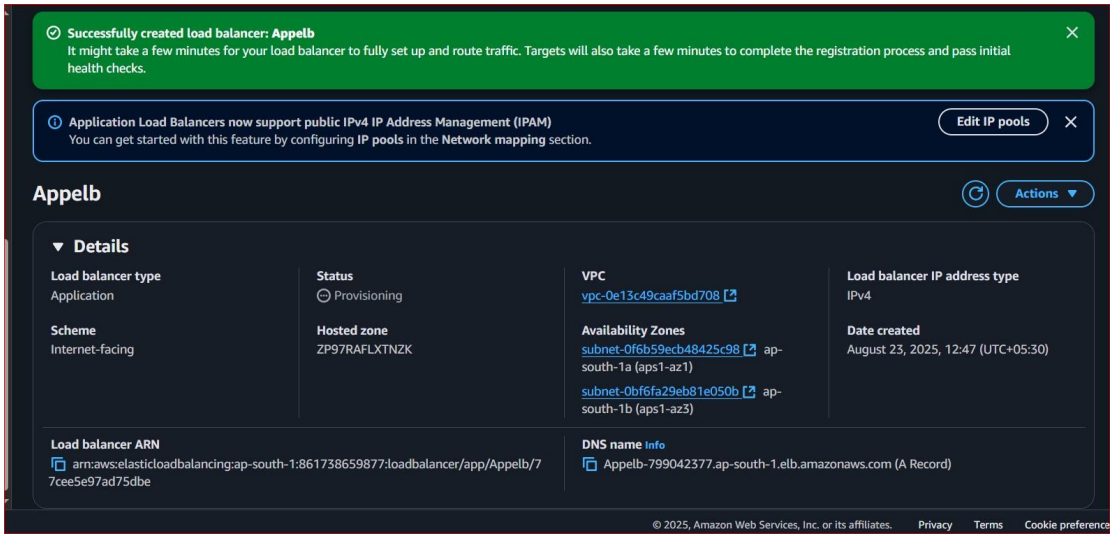
4. Select created Target group :



5. Click on create Load balancer :



6. Successfully Created :



Stay connected :

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Thank you .