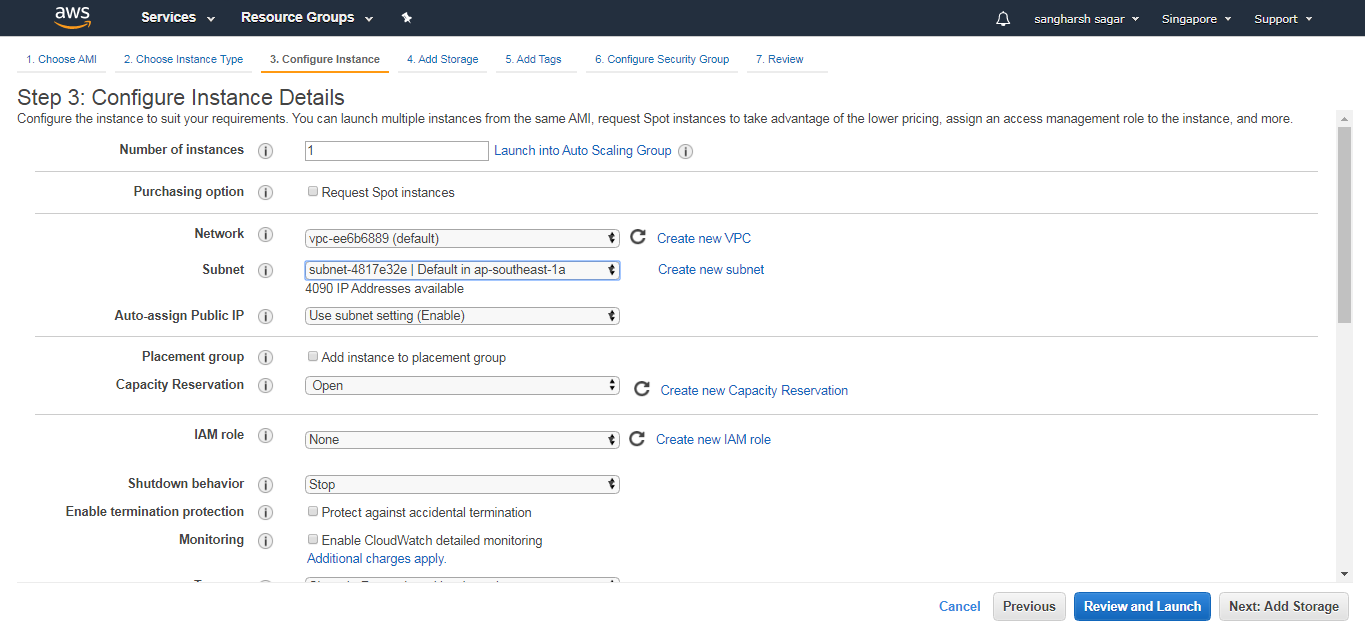
**Elastic Load Balancing**

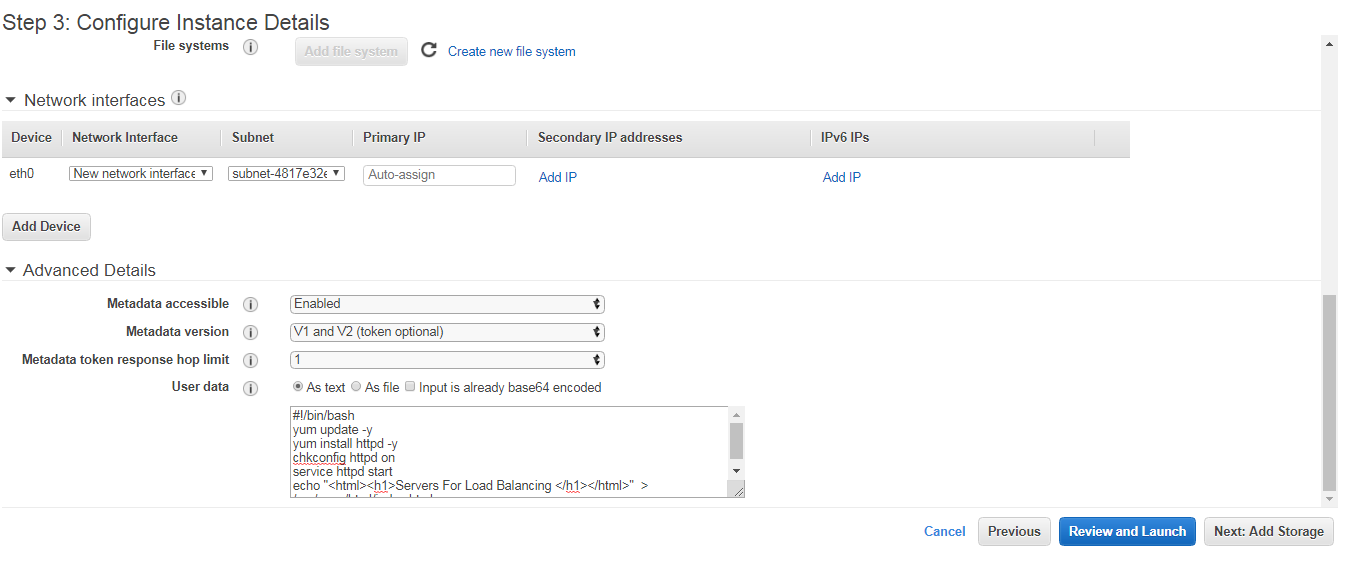
* Highly available
* Horizontal Scaling
* Deploying across different zones
* Load Balancing done in same VPC
* Performs Health Checks on EC2 instances.

**Go to EC2 and Launch 2 Instances in two different AZ**

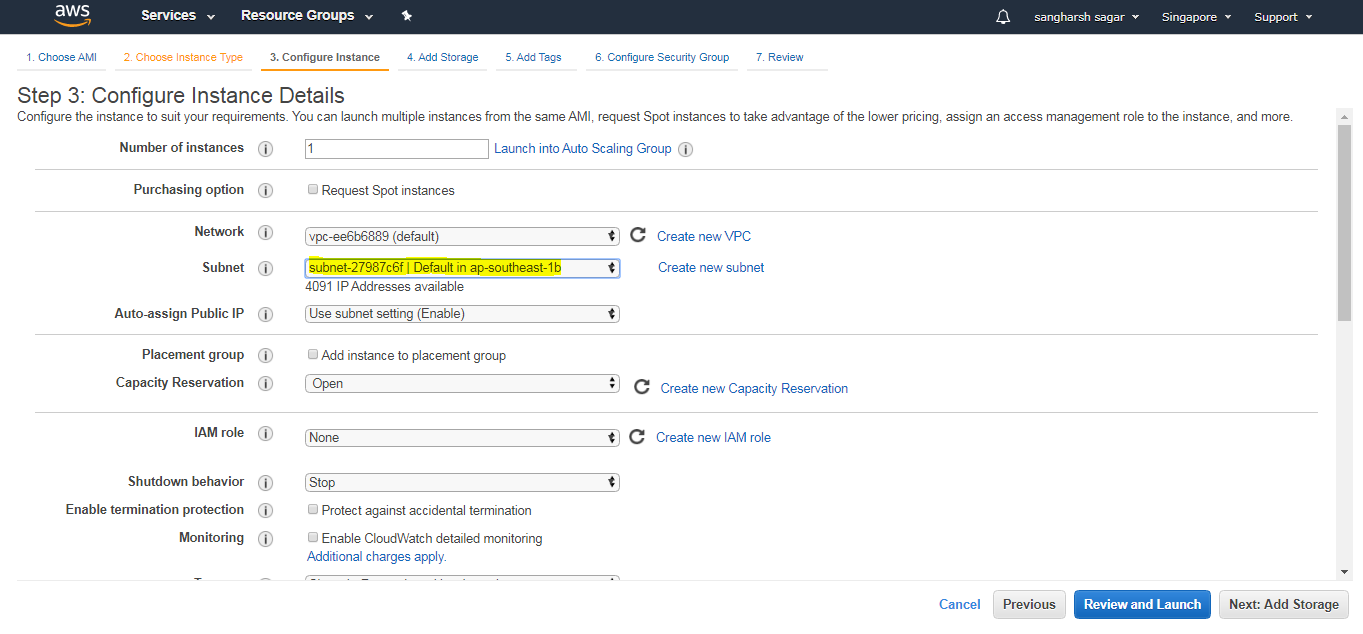
First instance in 1a Availability Zone

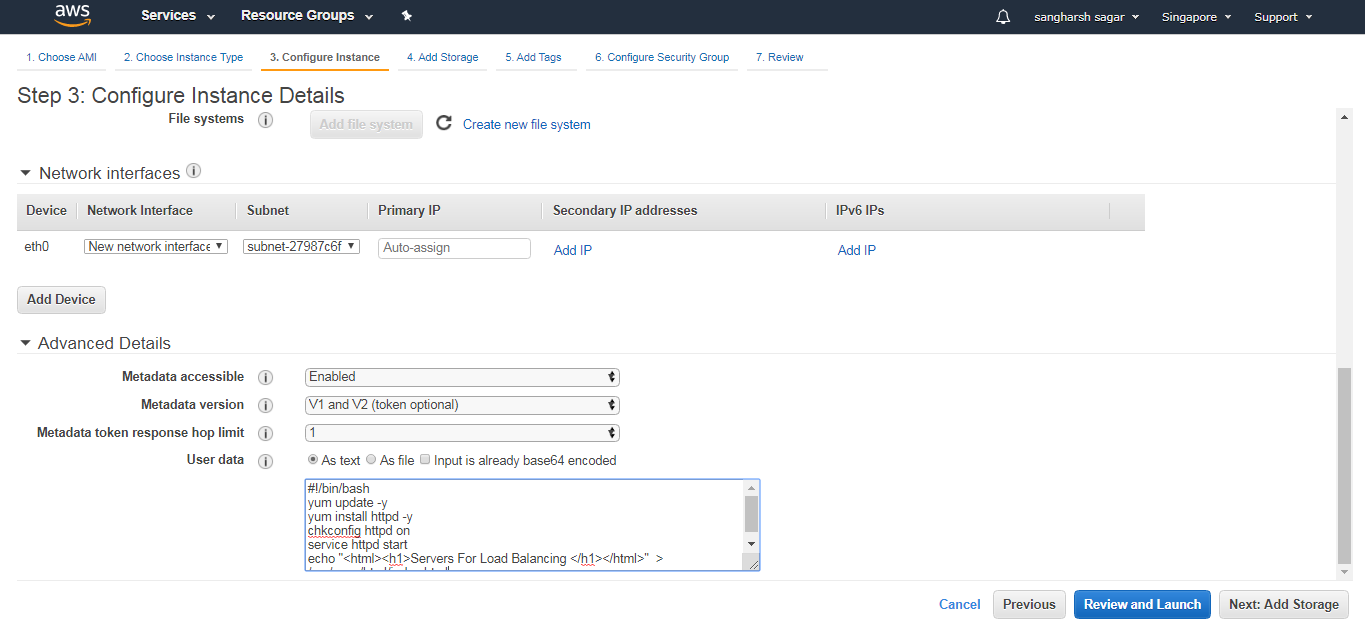


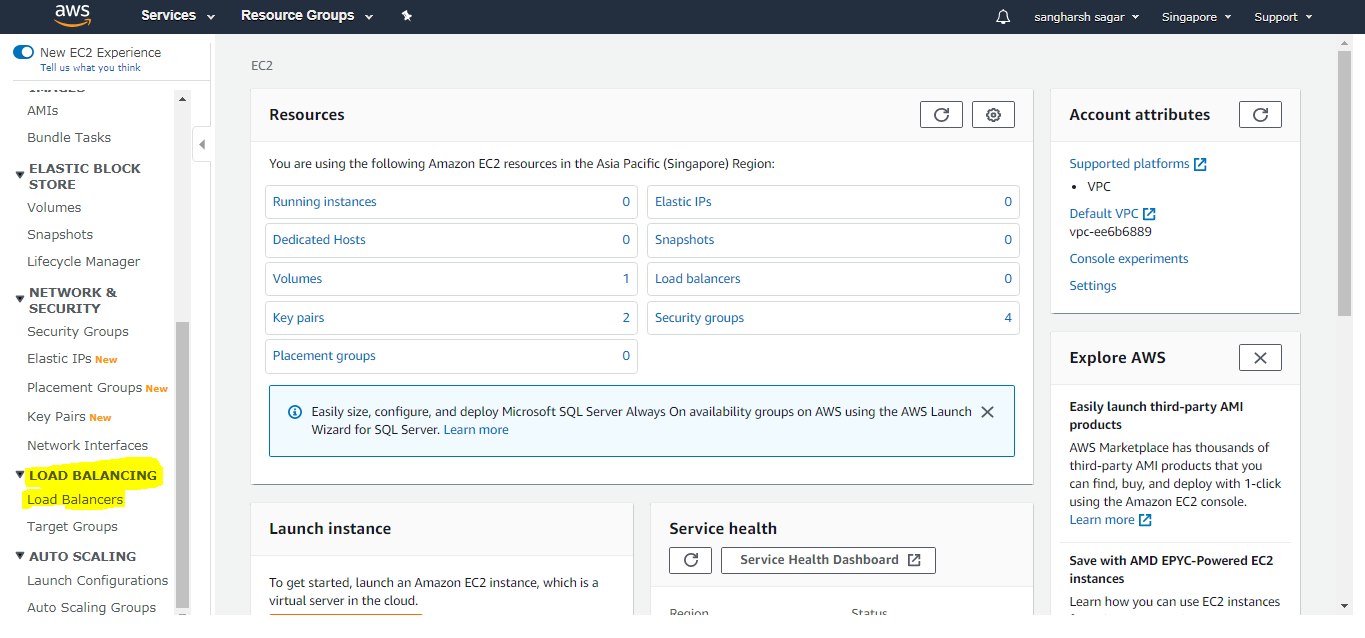
Add Bootstrap script

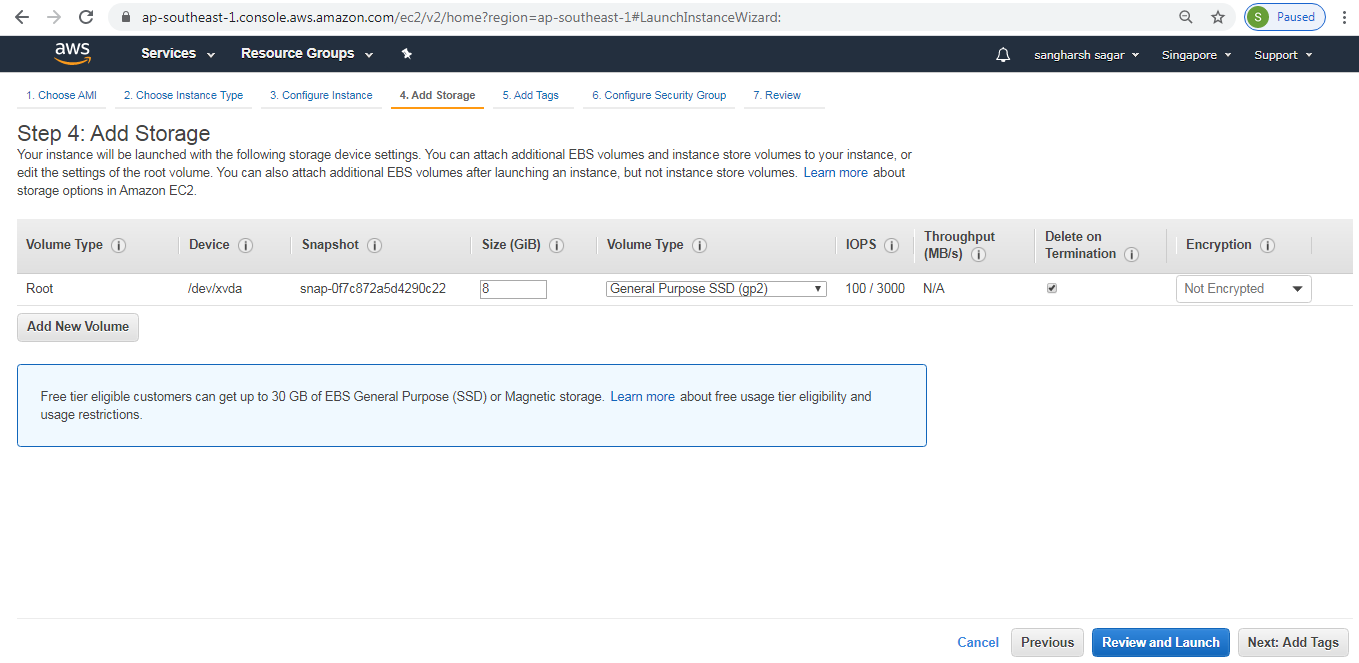


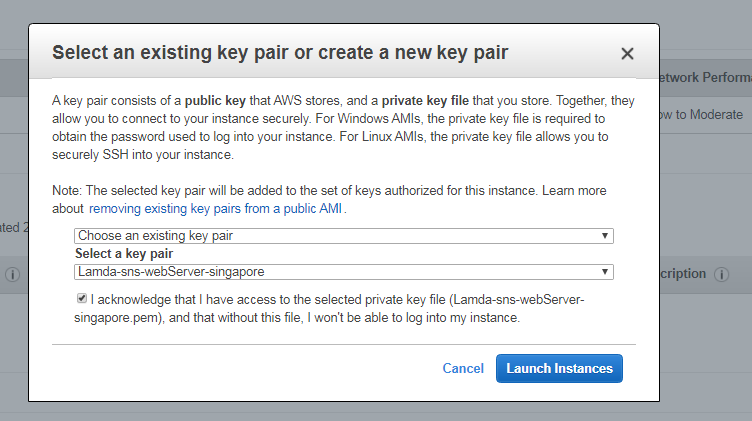
Second instance in 1b Availability Zone



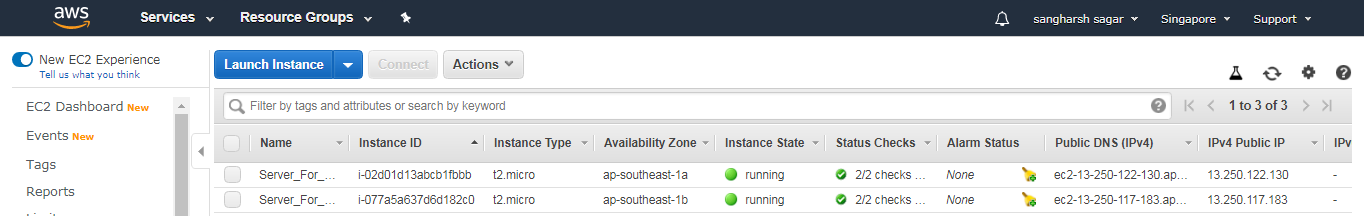




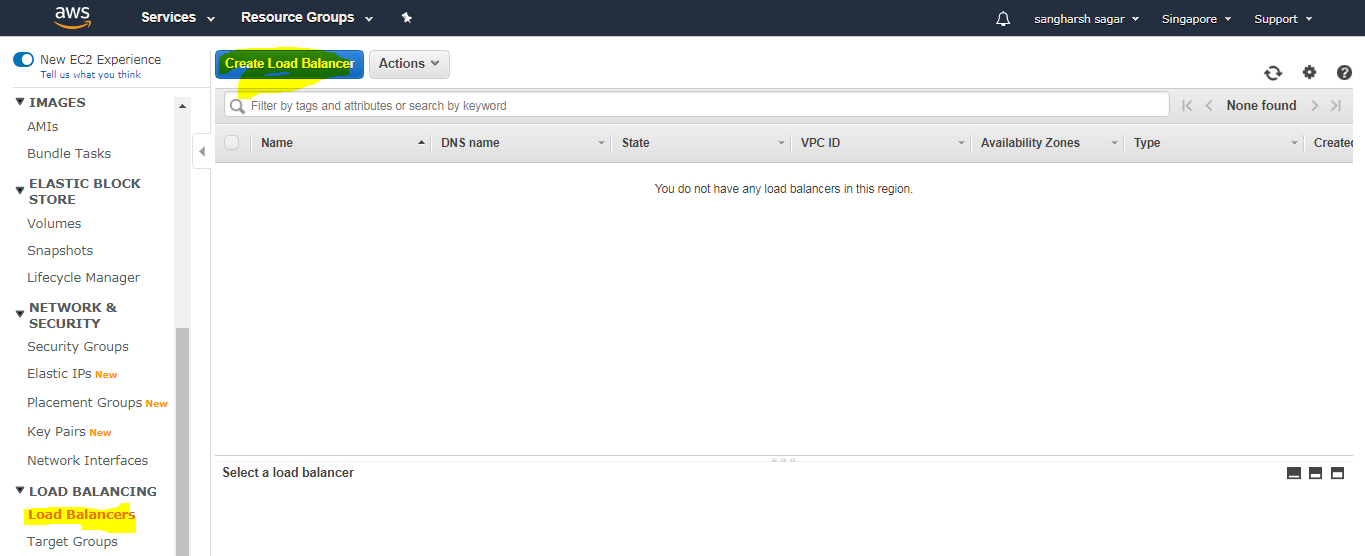


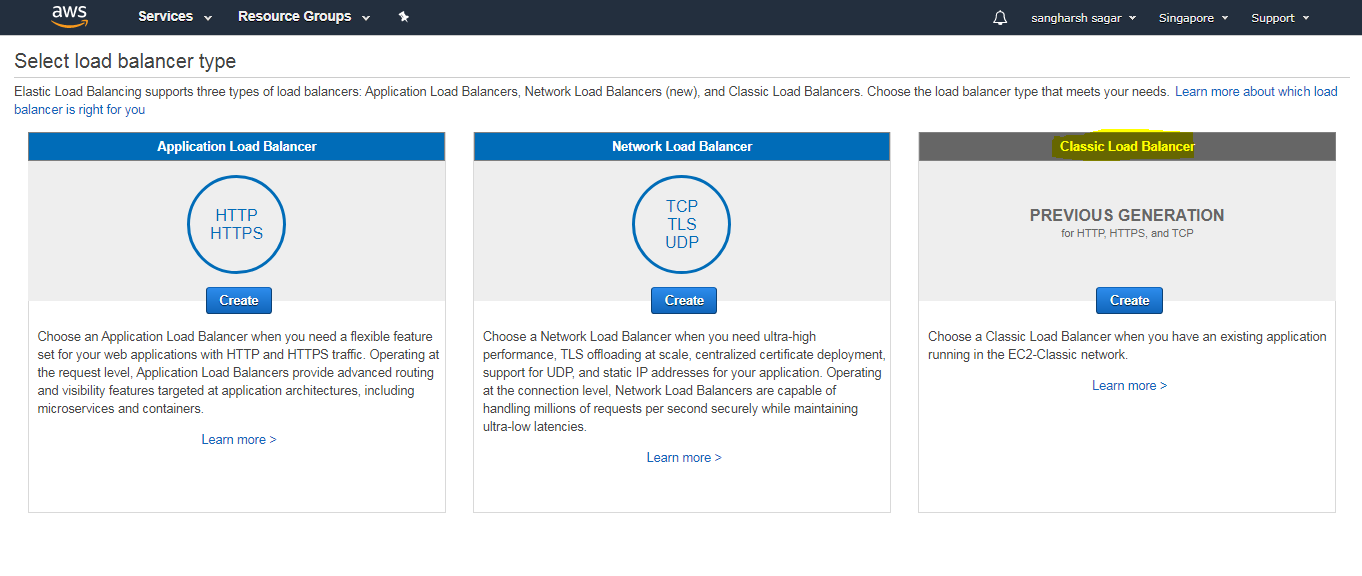


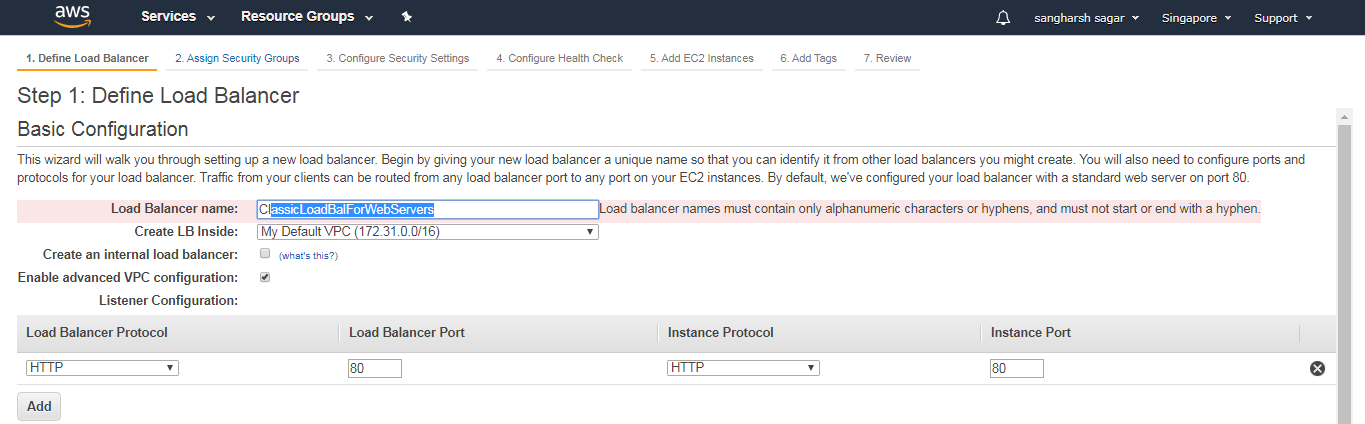
Both instances are running

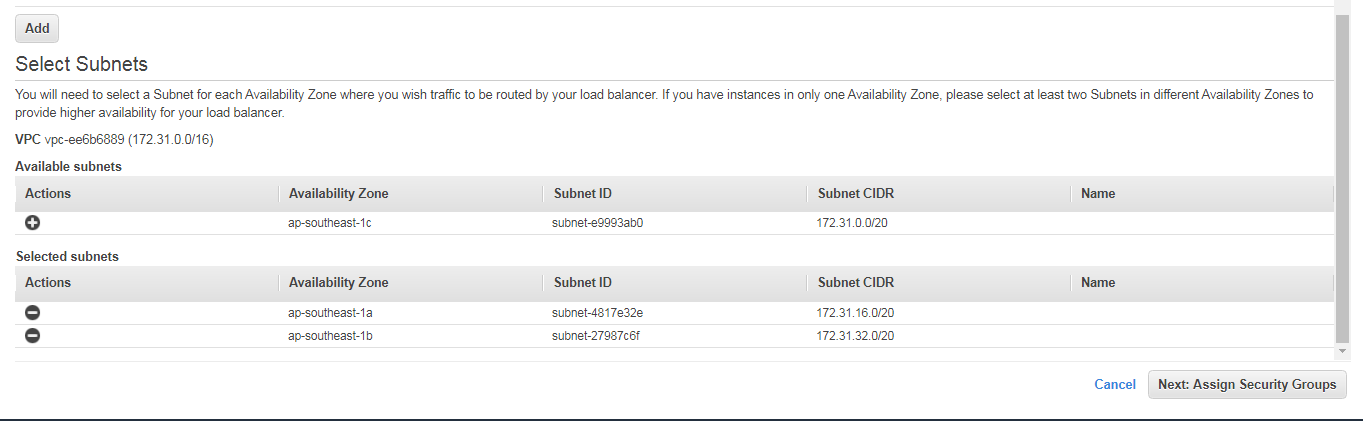


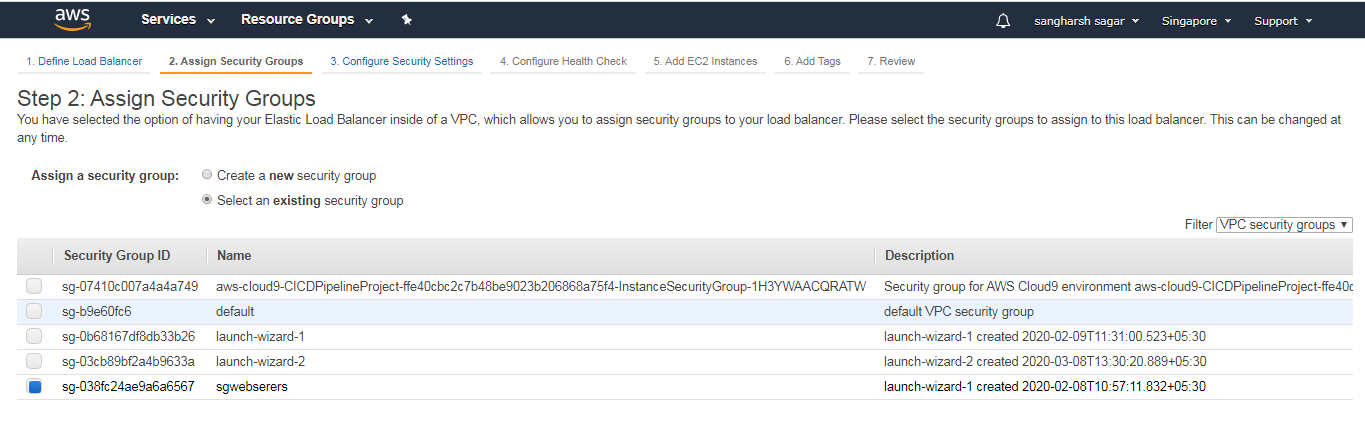
Create Load Balancers:

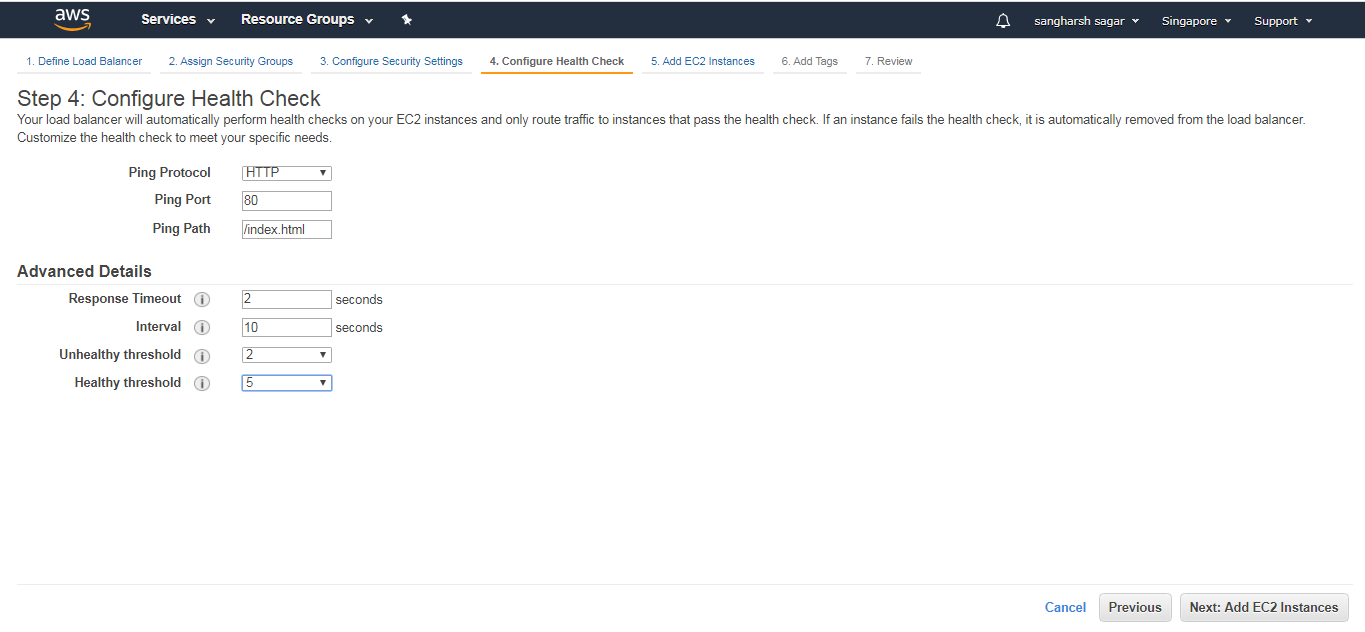


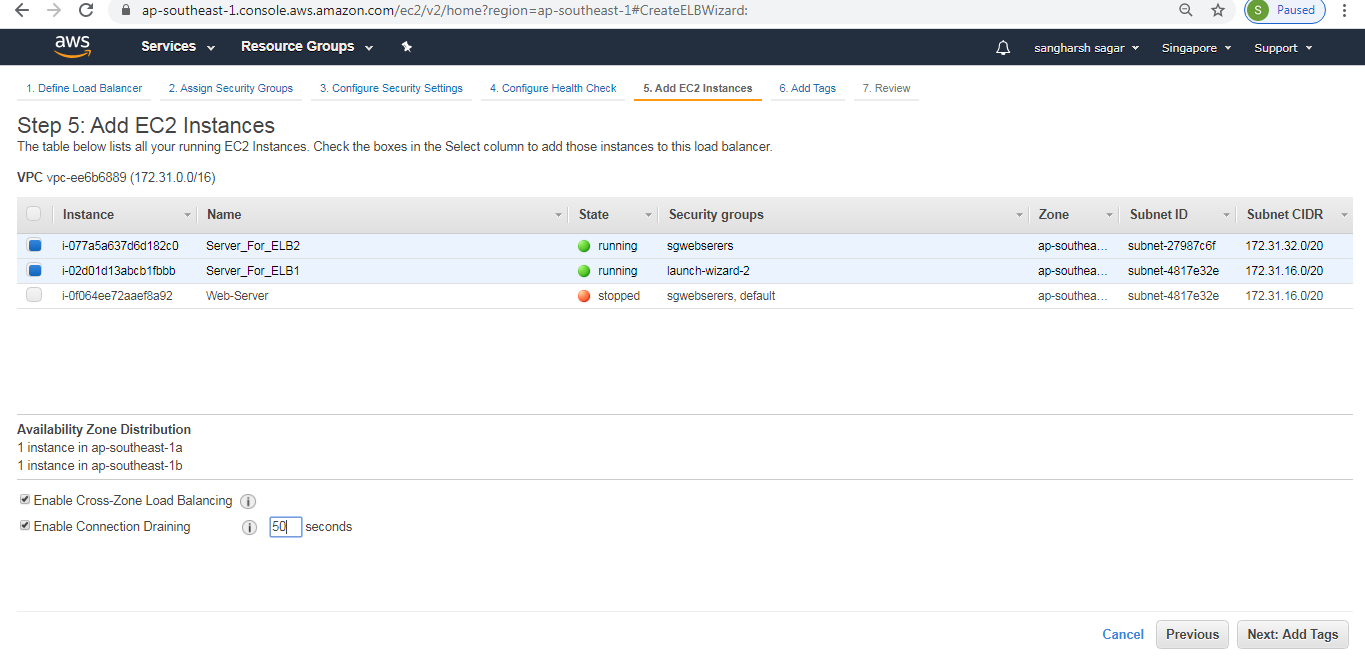


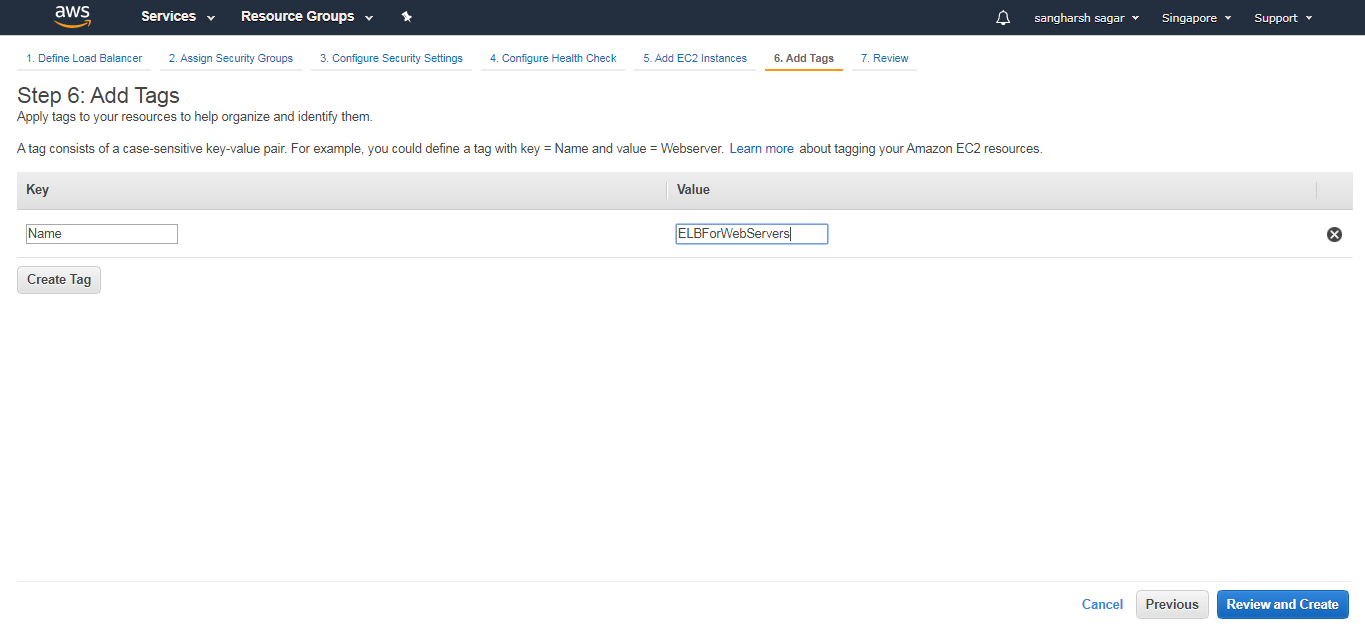


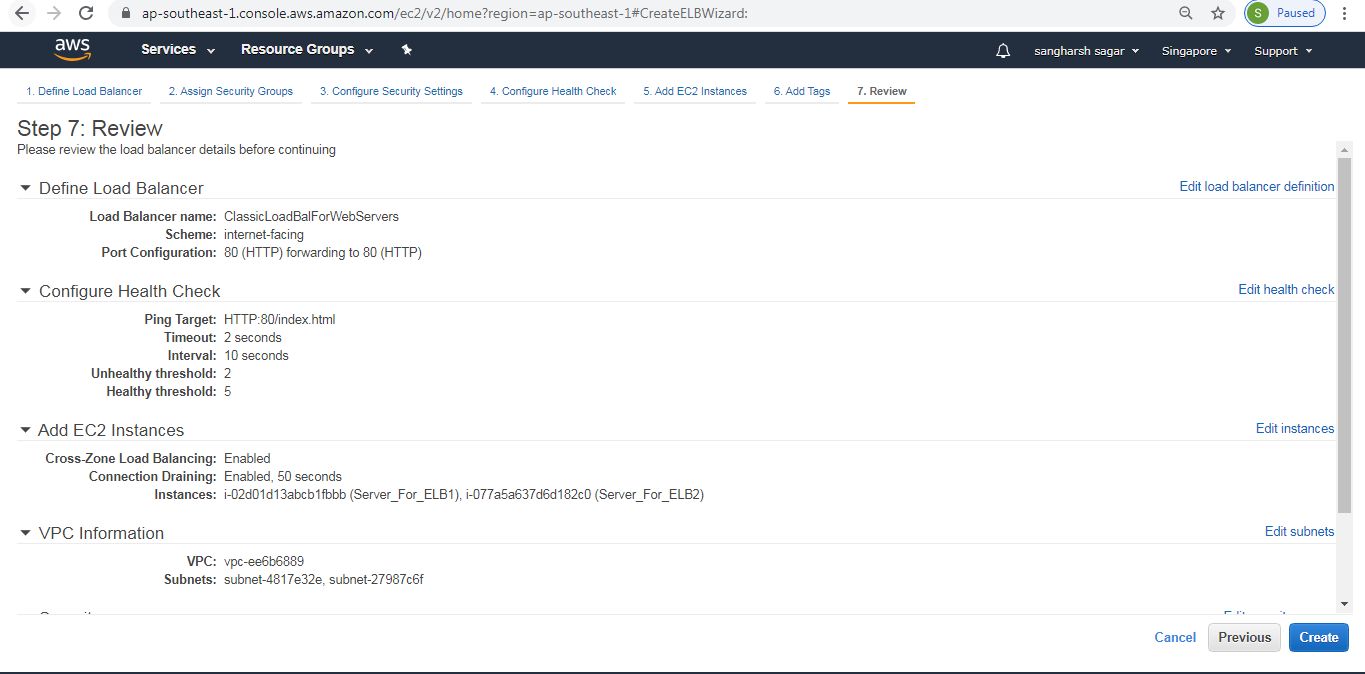


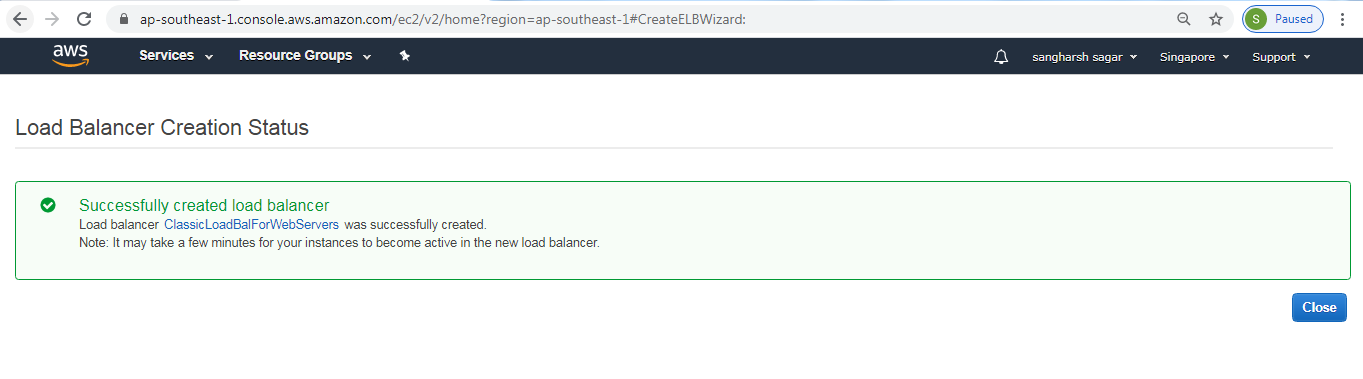


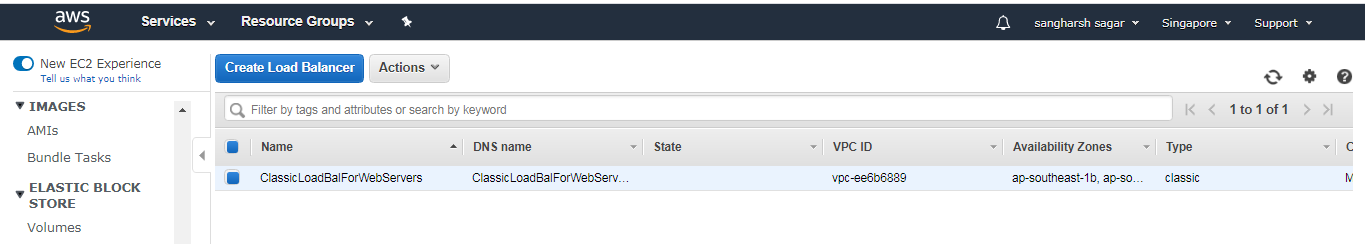




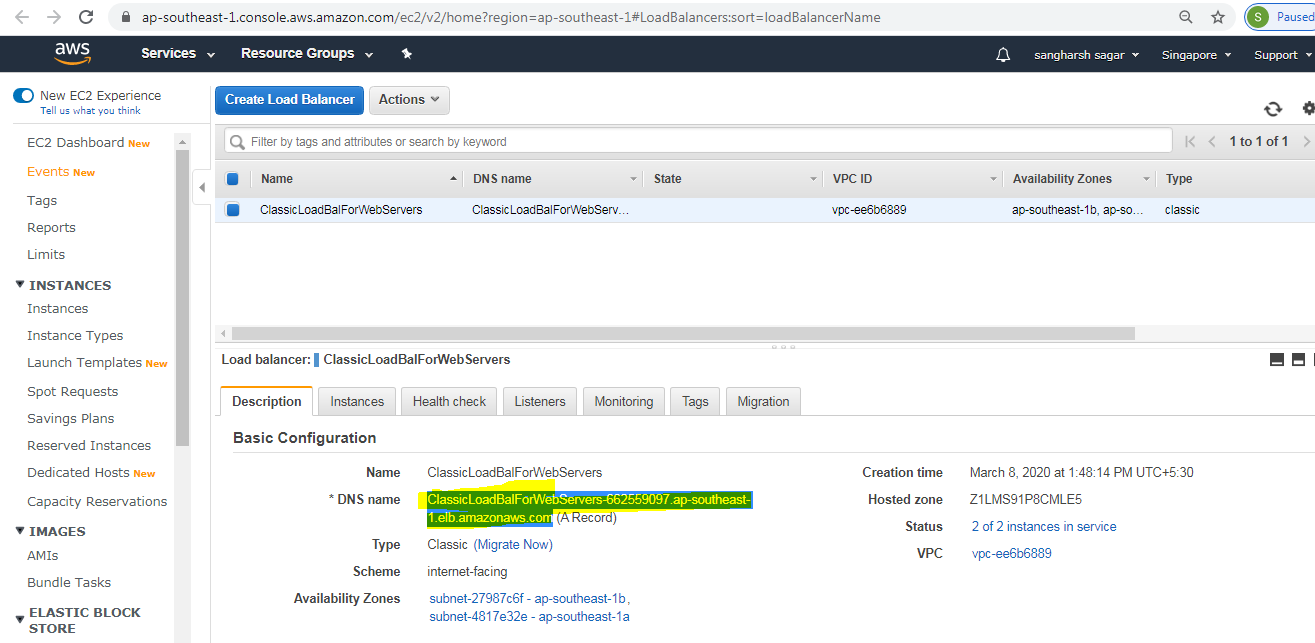


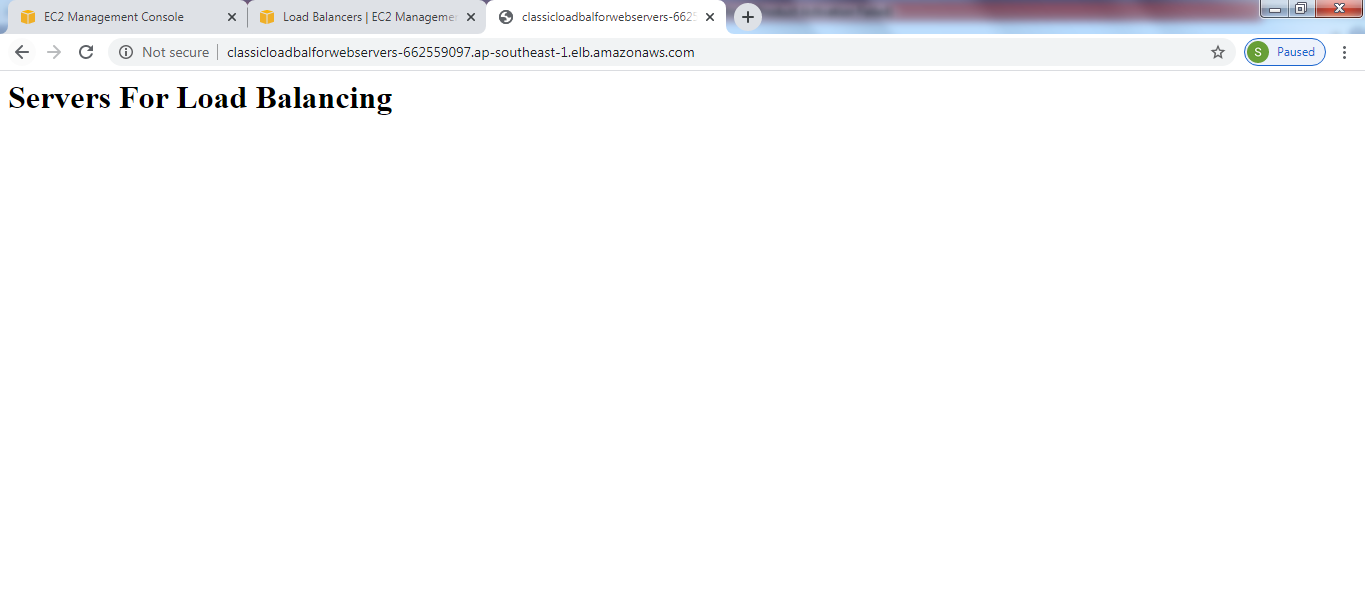






End Point for ELB





Even if one instance stops the other server serves traffic

