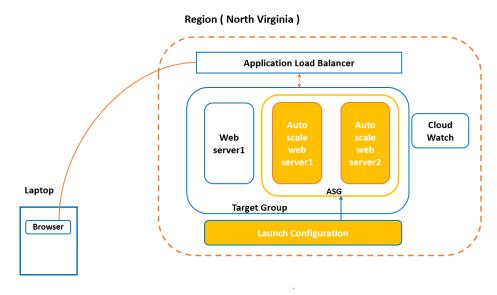
EC2 AUTOSCALING

Deploy multiple EC2 instances using Autoscaling with load balancing & target groups.

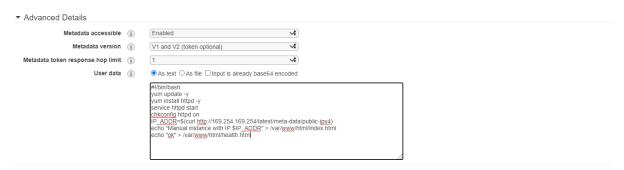
FINAL OUTCOME



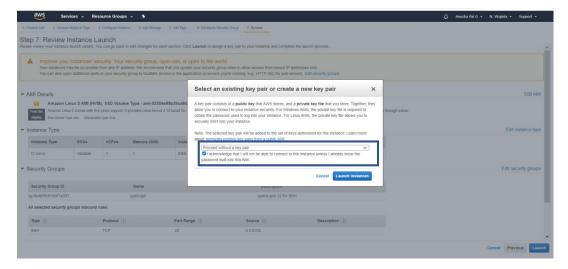
How to do it?

Create 1 EC2 instance using the 7-step workflow

- a) Use the Amazon Linux AMI in AZ1
- b) Use the bootstrap script to install the http server & to create the index.html and health.html

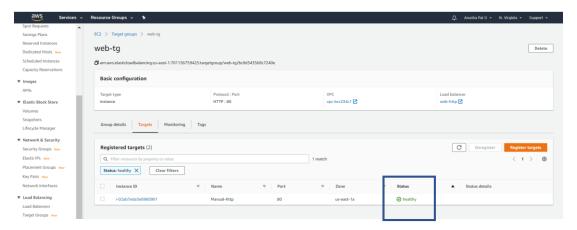


c) No PEM is needed as we are not going to SSH

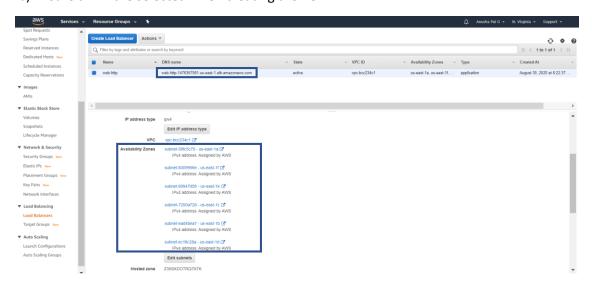


2. Create a LB with TG

a) Associate the EC2 instance to it



b) Ensure all AZ are selected when creating the TG



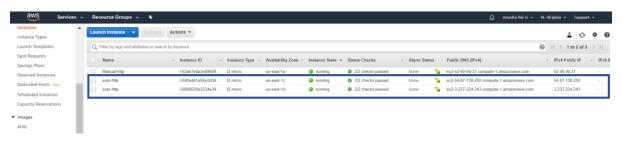
c) Once the instance turns "healthy" hit the LB to ensure the page is being served

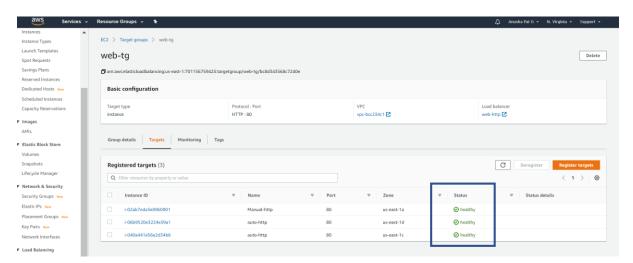


- 3. Create a launch configuration & autoscaling group
- a) Use the bootstrap script for the autoscale launch config



b) ASG: Min instance = 1, max = 3, Desired = 2





- 4. Hit the LB again and observe the autoscale instance being added to the TG The request is served by 3 instances i.e. 1 static instance and 2 auto scale instances in Round Robin fashion
- 5. Manually terminate the autoscale EC2 instance and observe The desired number of instances will always be provisioned whenever the condition is breached.

