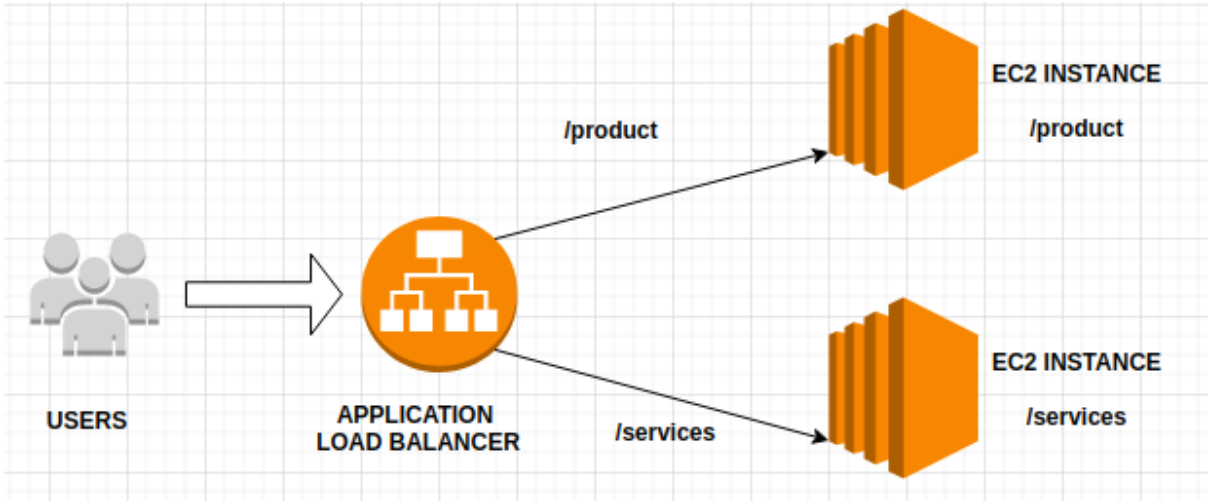
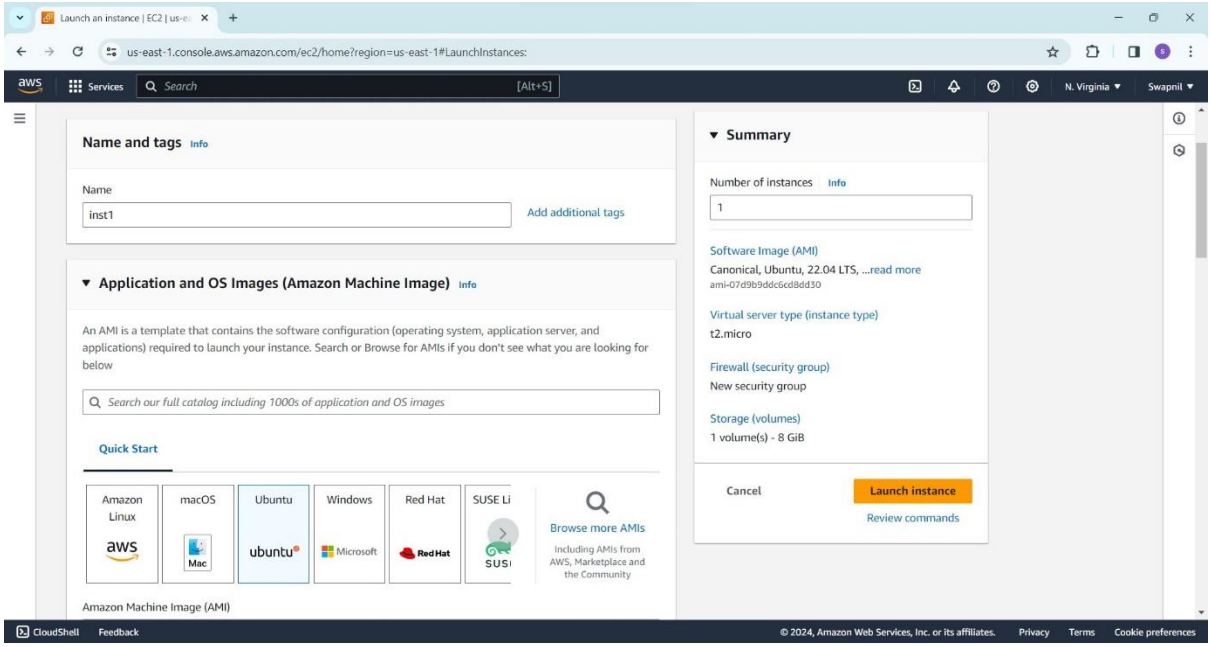
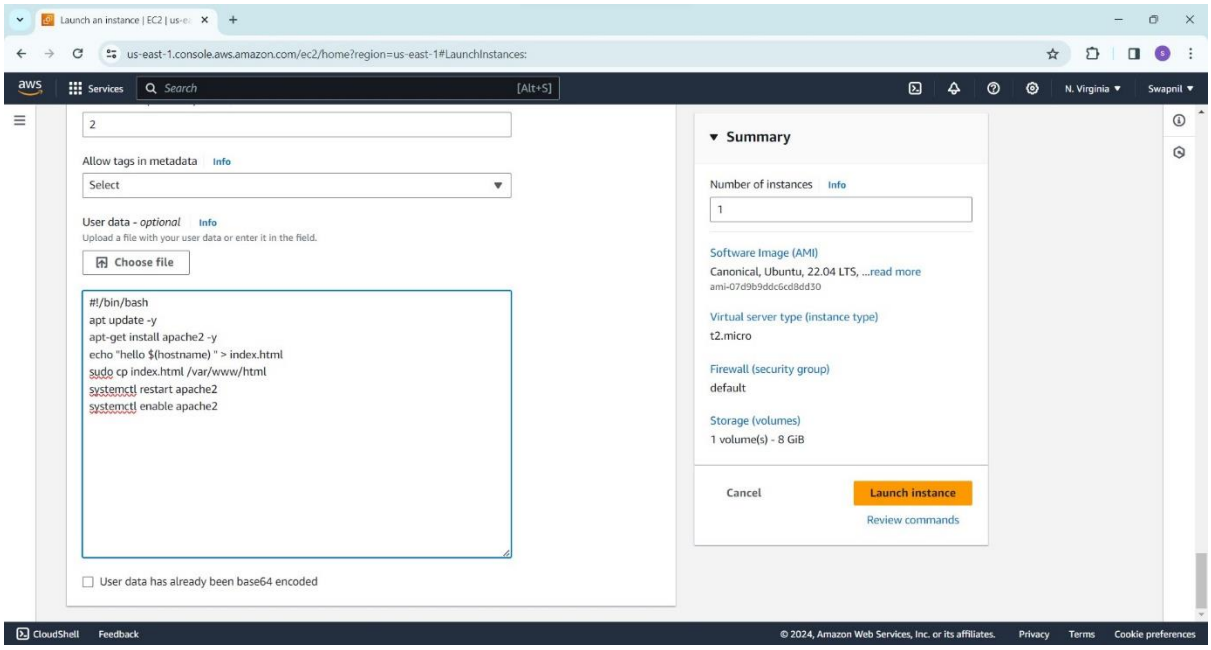
Path Base Routing in Application Load Balancer (ALB)



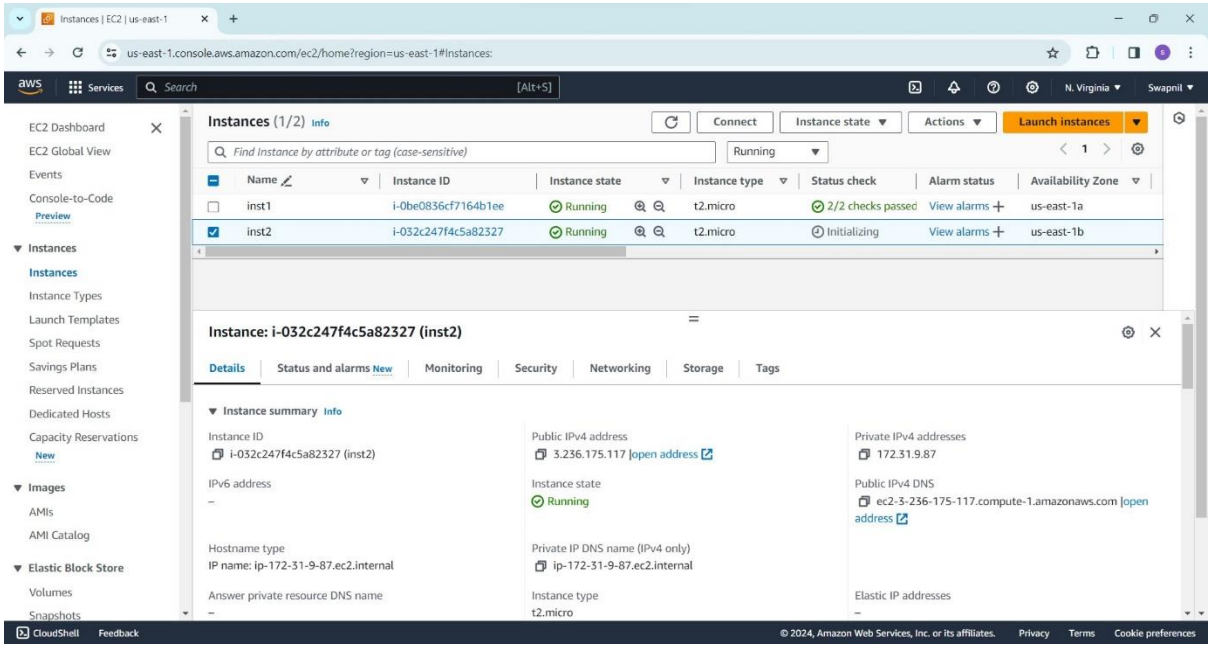
Step 1: Launch an instance.



➢ Launch an instance with the user-data script.

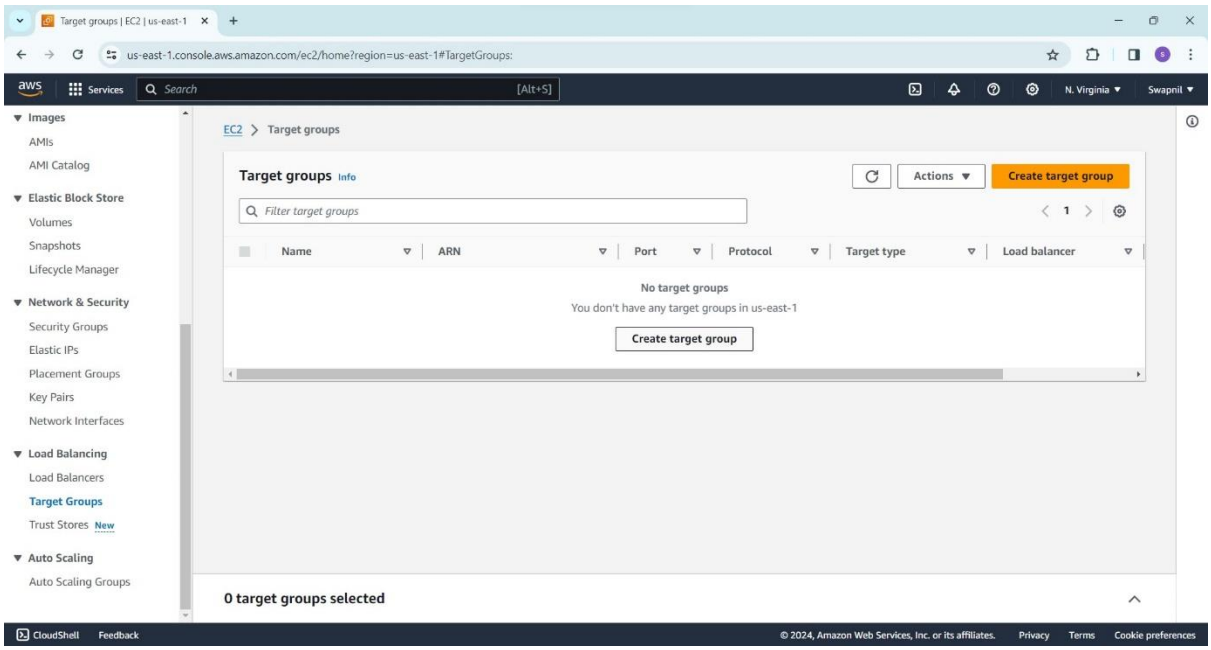


Step 2: Check launched instances.



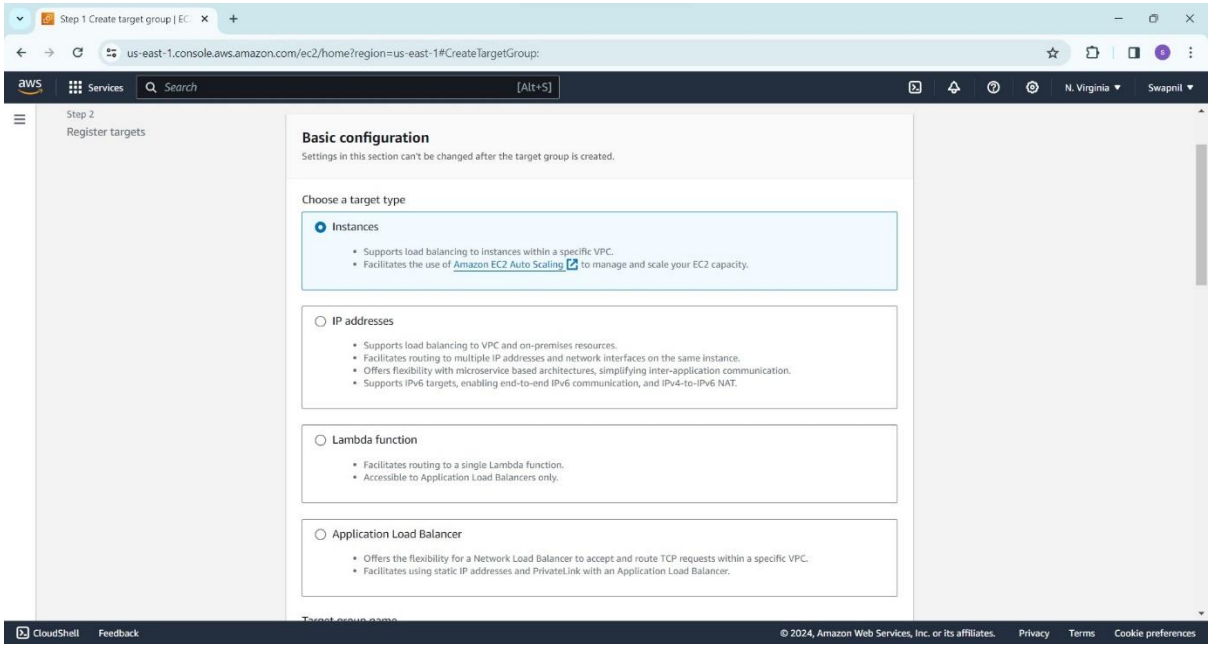
Step 3: Target group.

- Select target group from navigation bar of left side.
- Click on create target group.



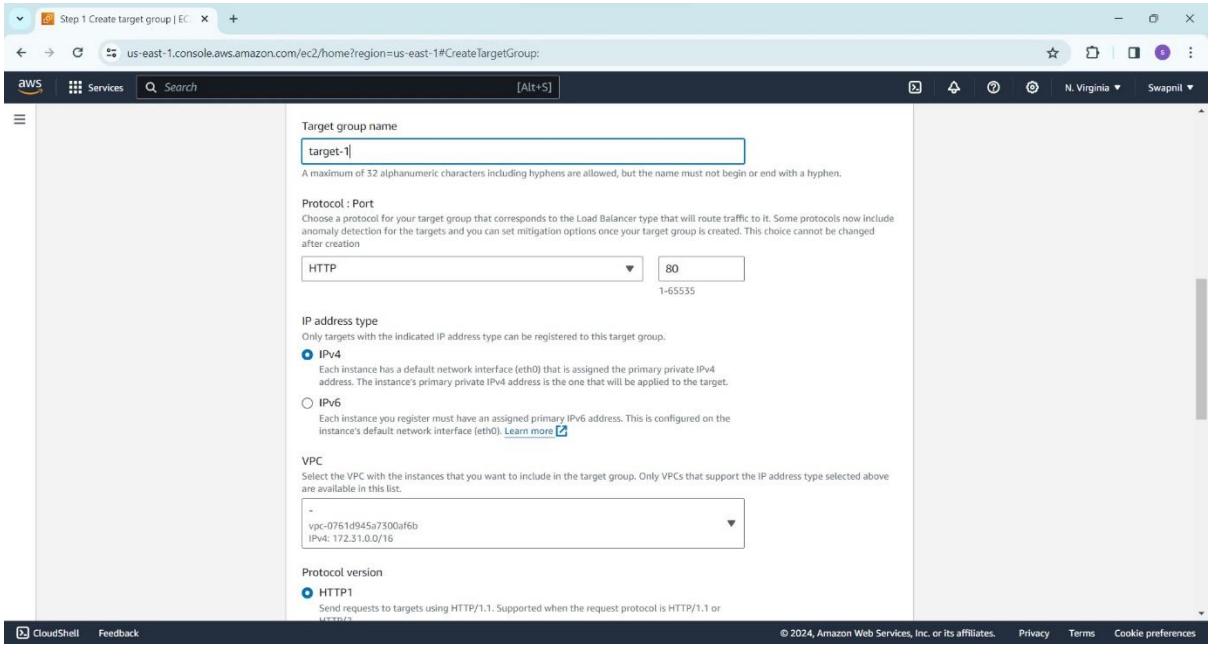
Step 4: Create target group.

- Do the Basic configuration.
- Select target type.

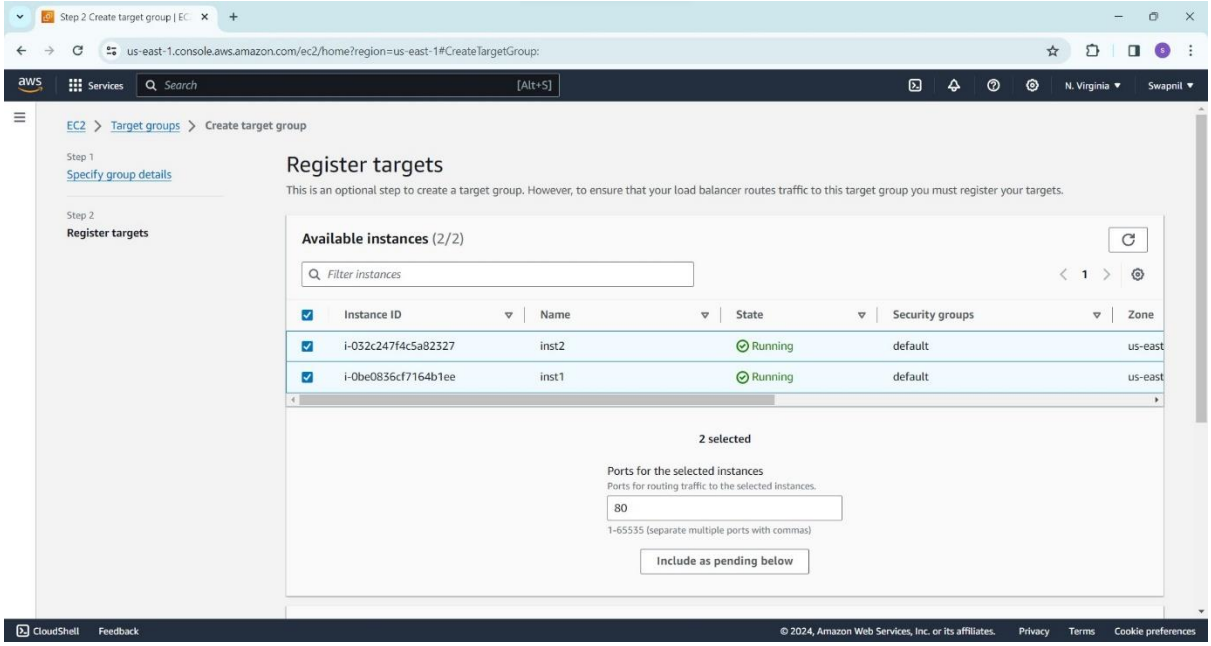


Step 5: Set target group name.

- Select protocol and port.
- Select IP address type.
- Click next

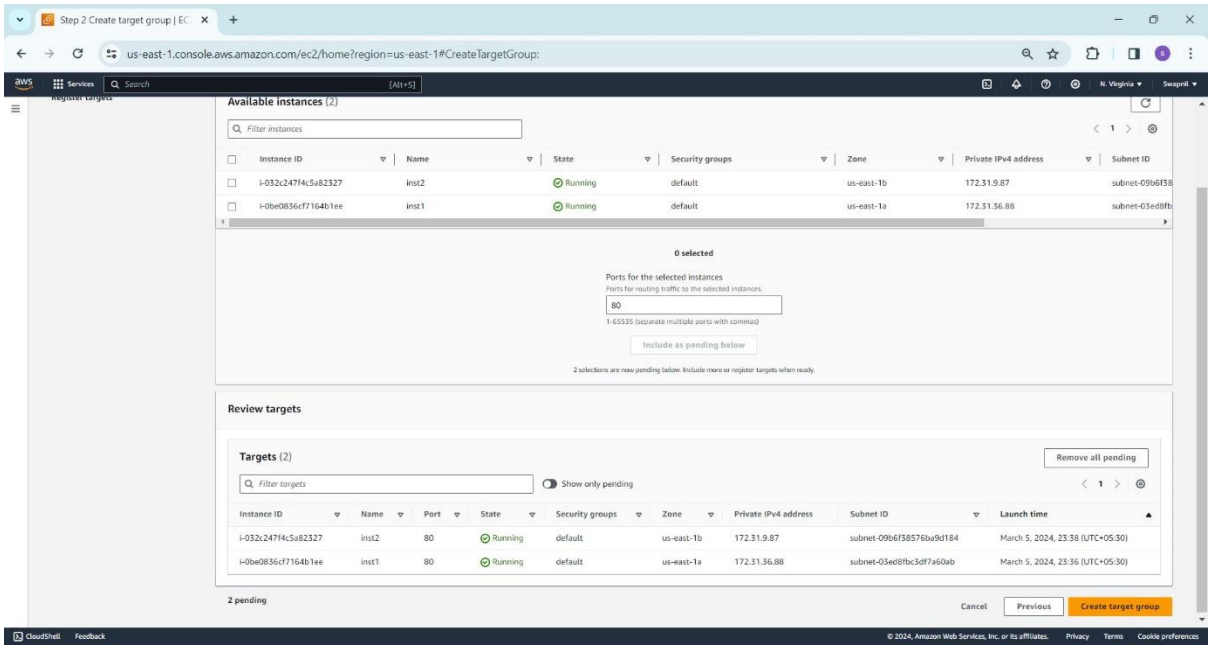


Step 6: Register targets.

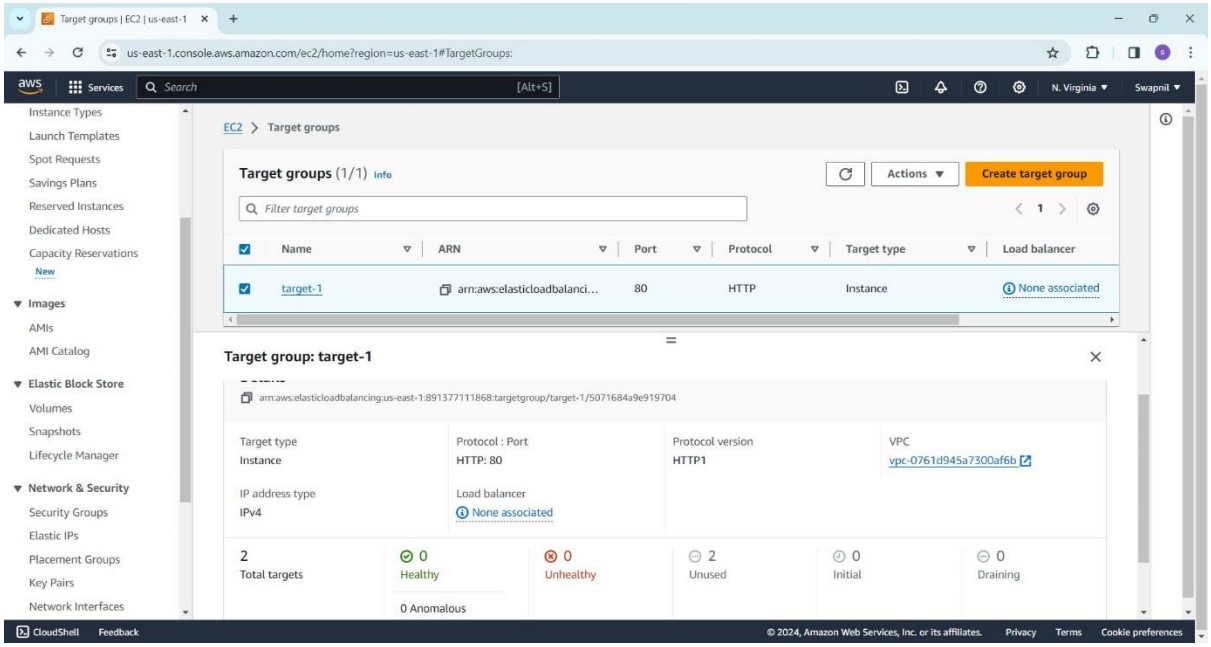


Step 7: Include pending instances for review targets.

- Click on create target group.

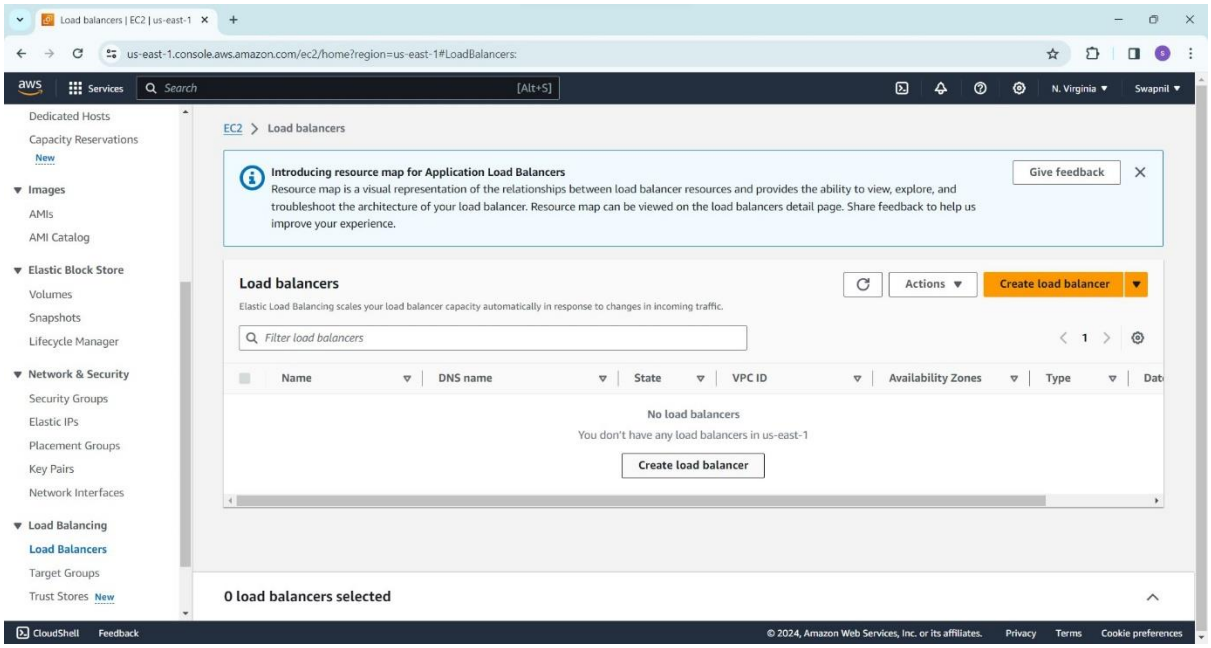


Step 8: Check the created target group.



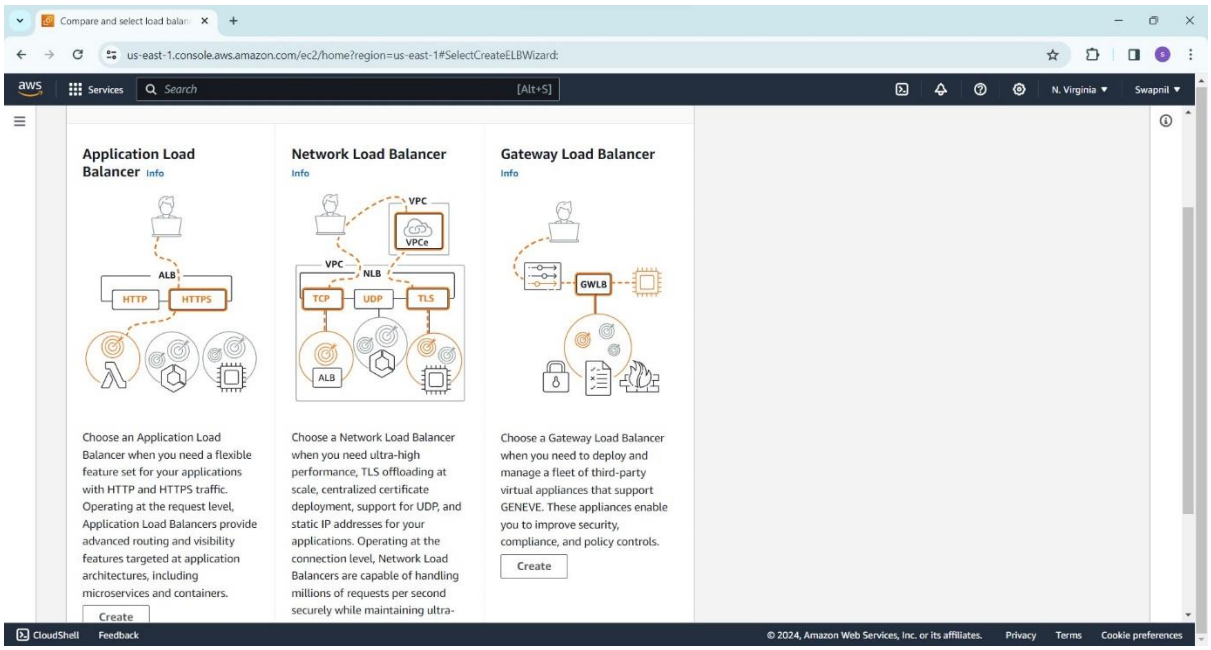
Step 9: Create a load balancer.

- Click on create load balancer.



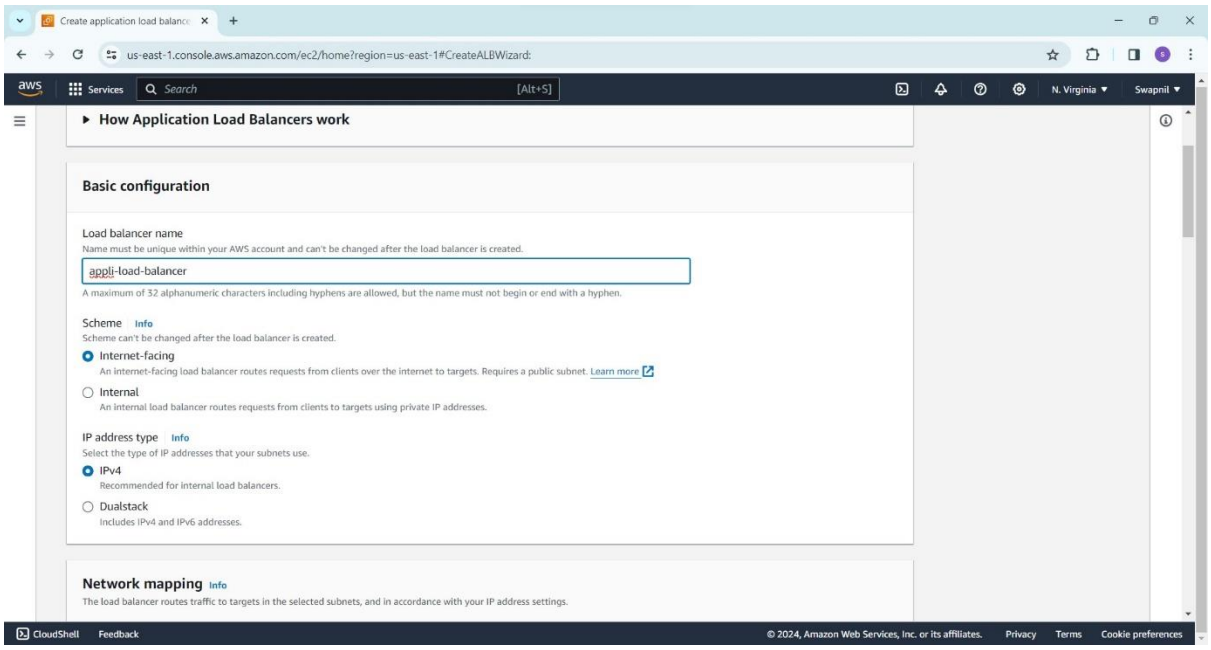
Step 10: Select load balancer type.

- Click on create.



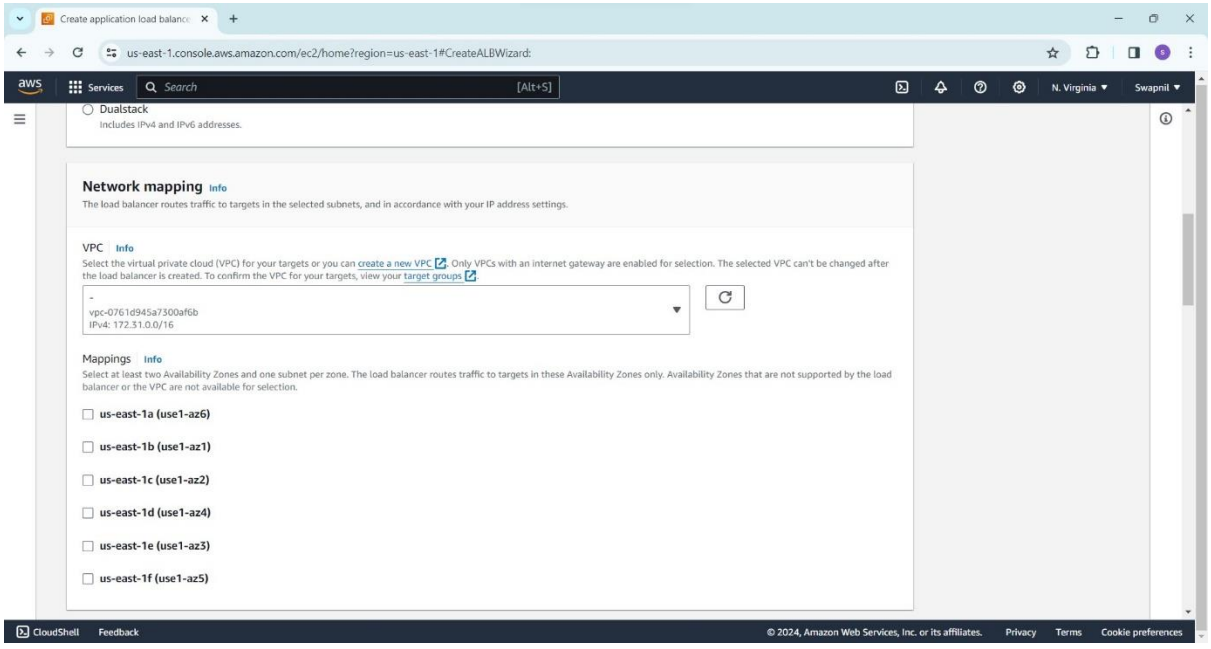
Step 11: Basic configuration.

- Enter load balancer IP name.
- Select scheme and address type.



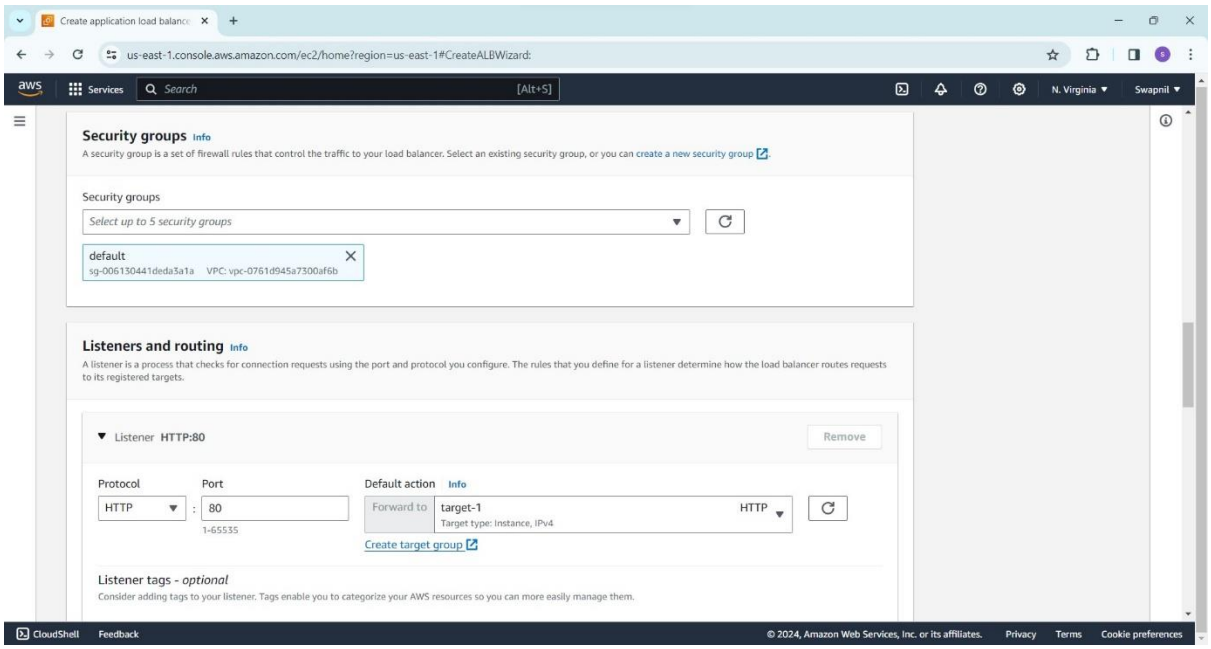
Step 12: Network mapping.

- Select at least two availability zone and one subnet per zone.

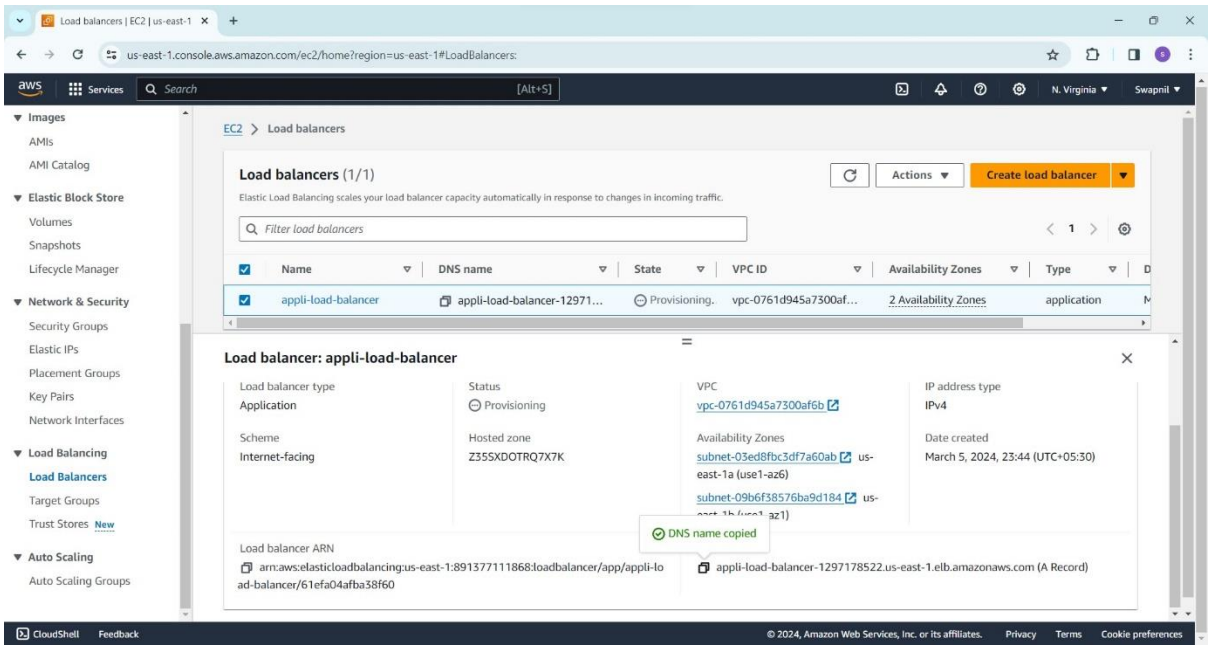


Step 13: Security group.

- Select security group at least one.
- Select protocol and for with the target group.

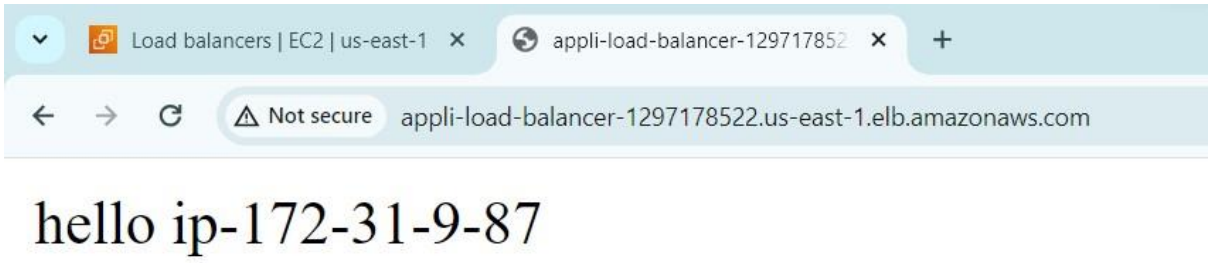


Step 14: Load balancer is created.

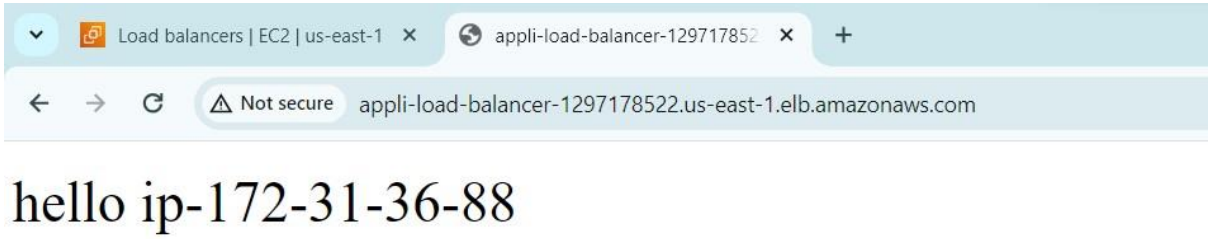


Step 15: Check the load balancer.

- Copy the DNS address.



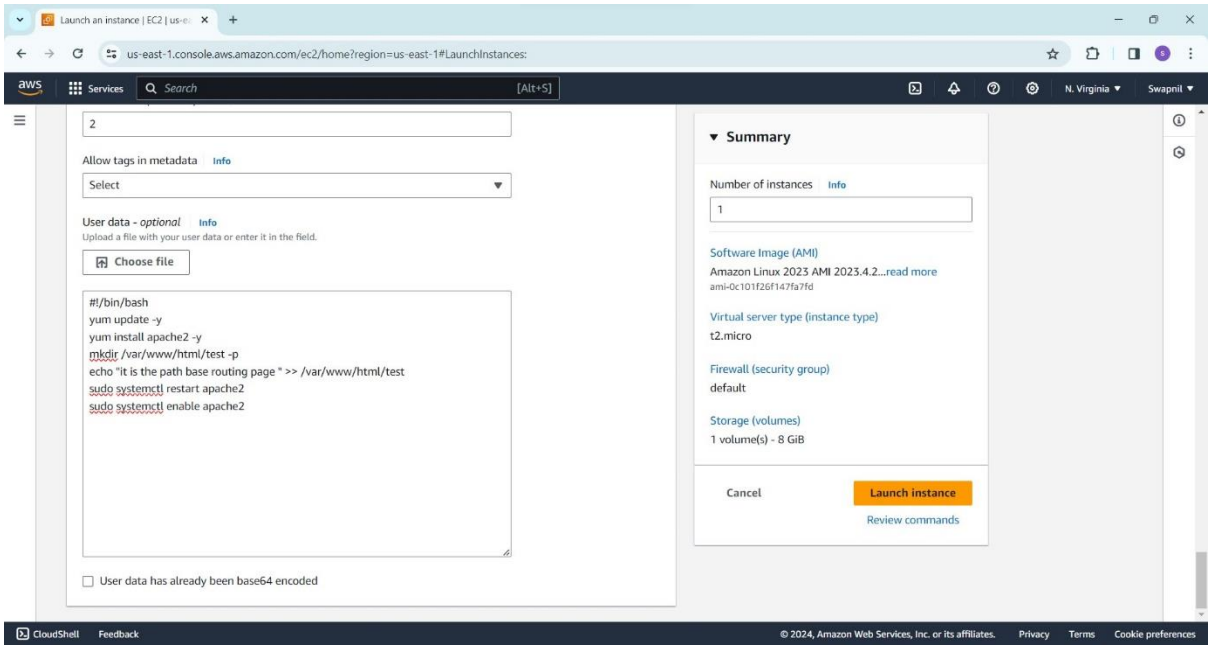
- After refresh the web page it reflected message of instance2.



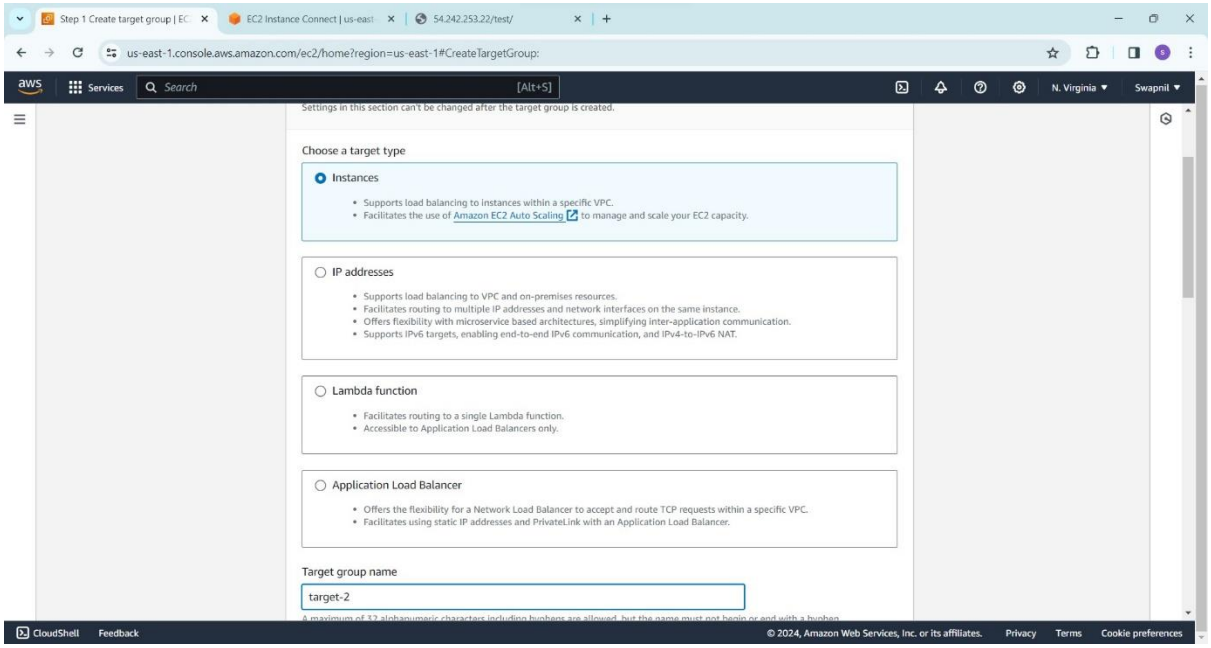
Add Path Rule In Application Load Balancer

Step 16: Launch another new instance.

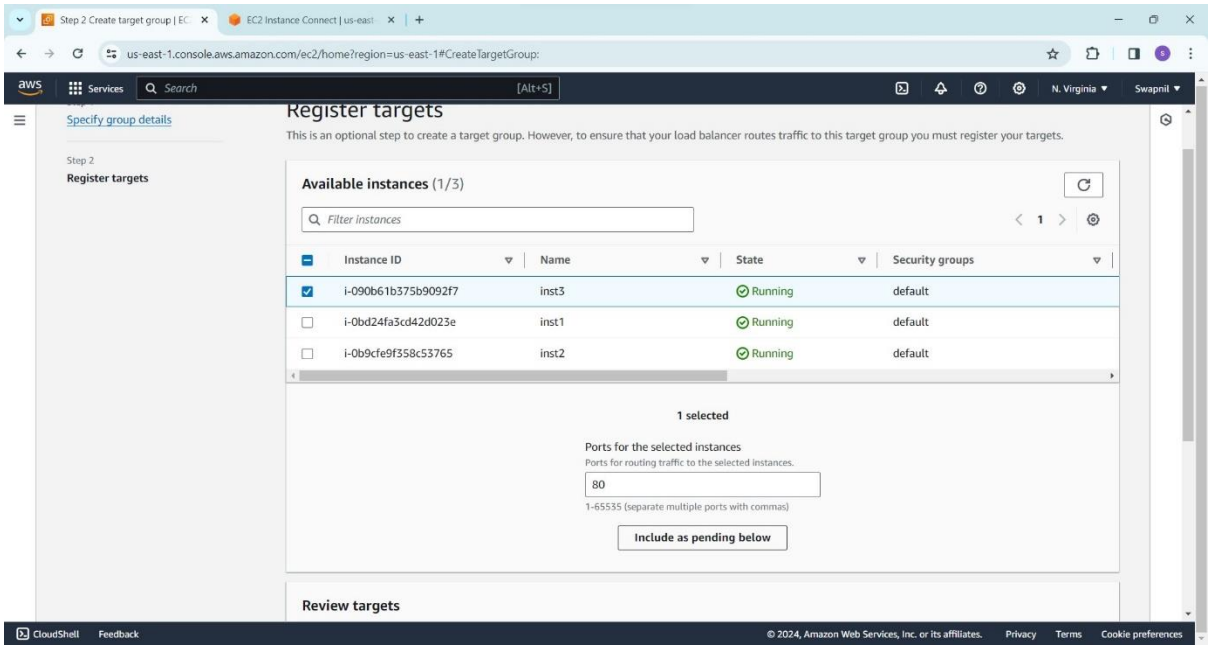
- User data add /test/ path



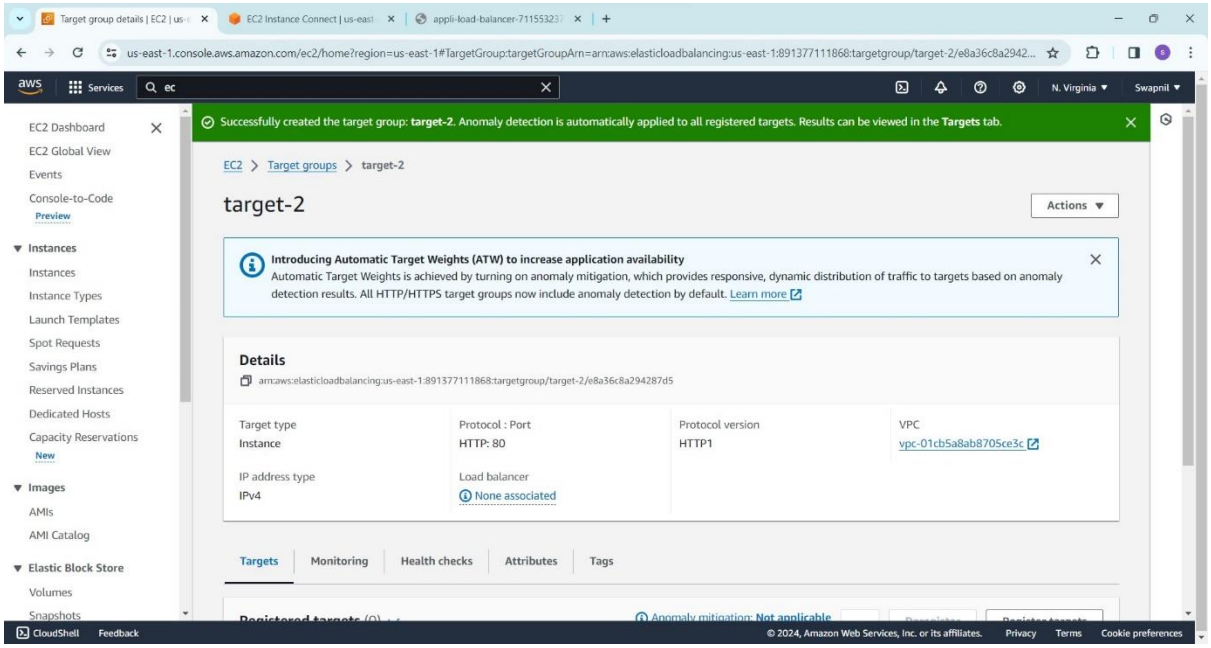
Step 17: Create another target group.



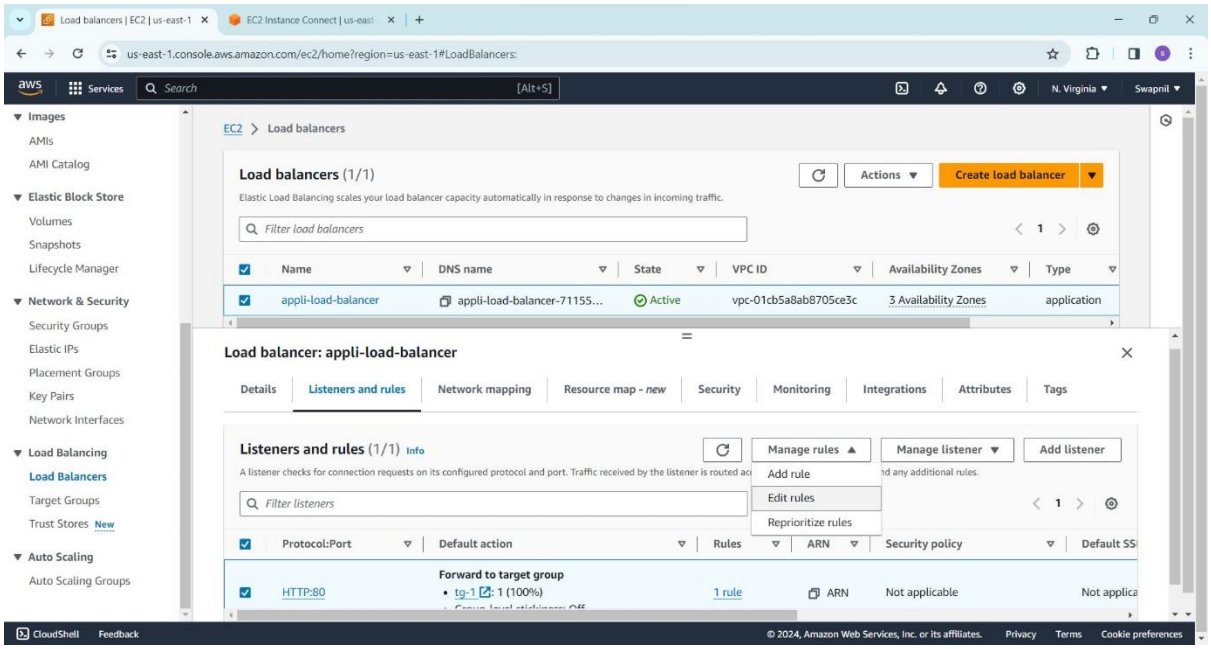
Step 18: Register targets.



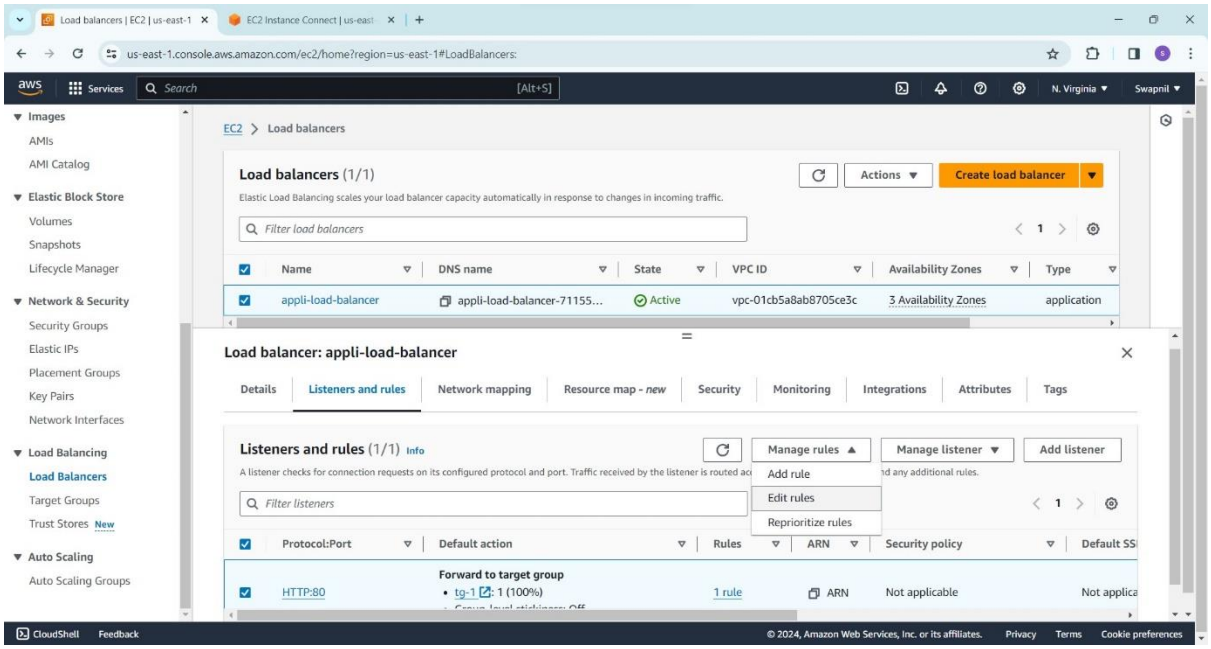
Step 19: Target group is created.



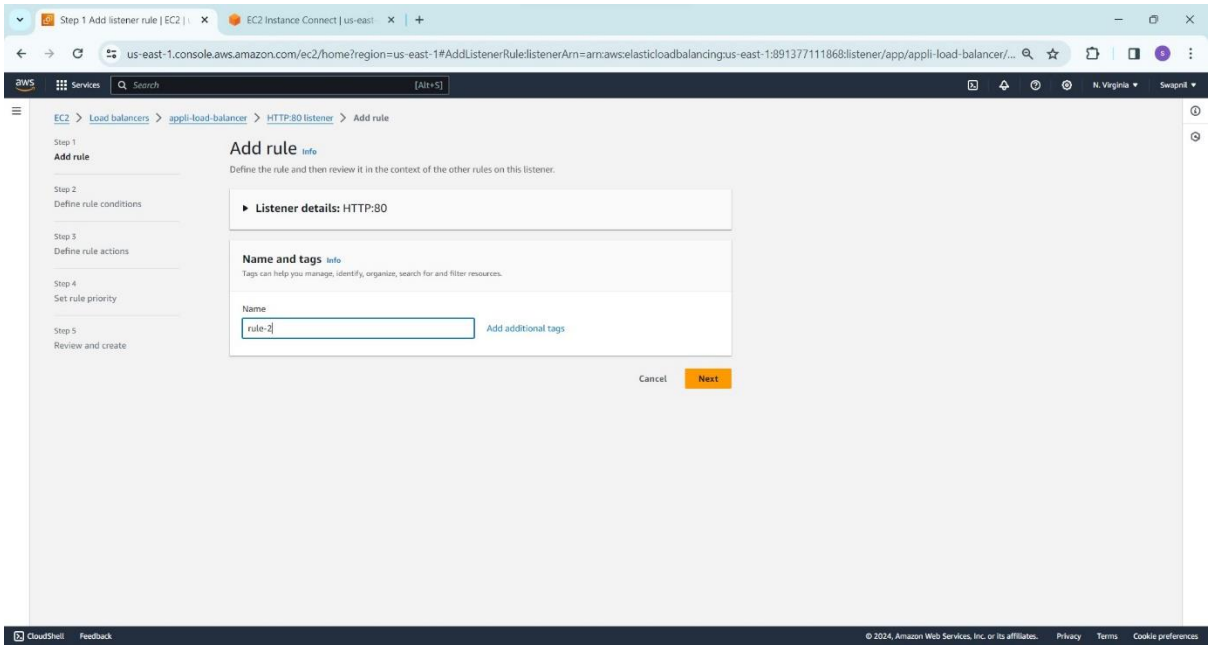
Step 20: Edit the listeners and rule in application load balancer.



Step 21: Add the rule.

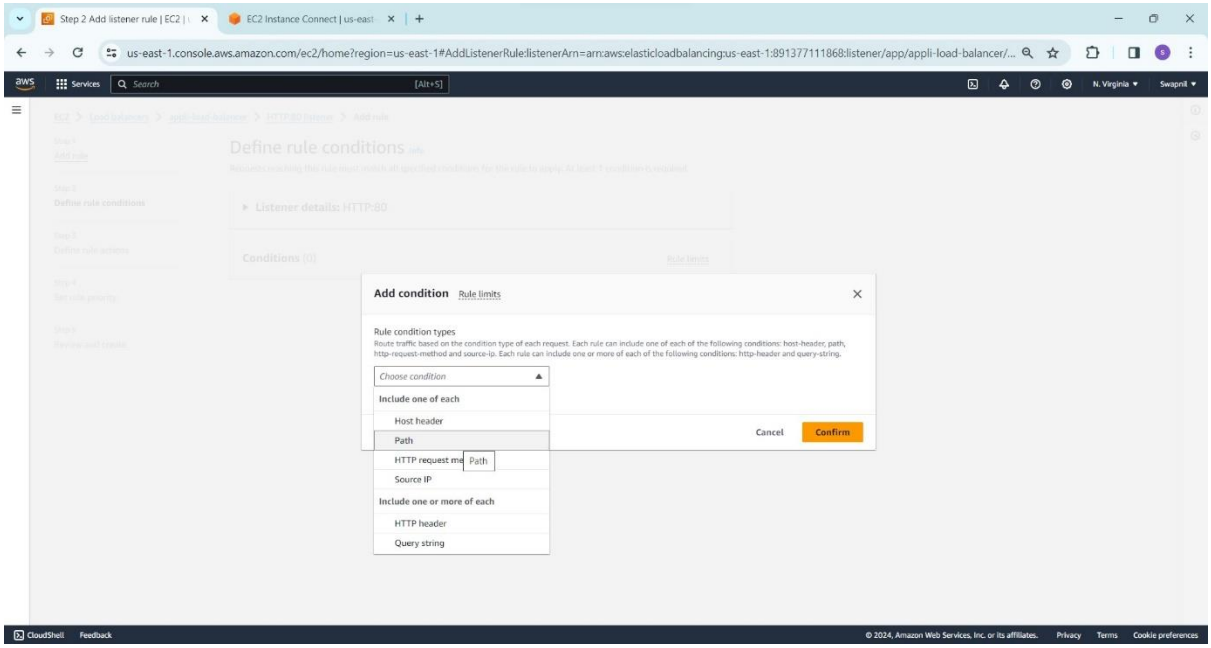


Step 22: Define Name and tags.

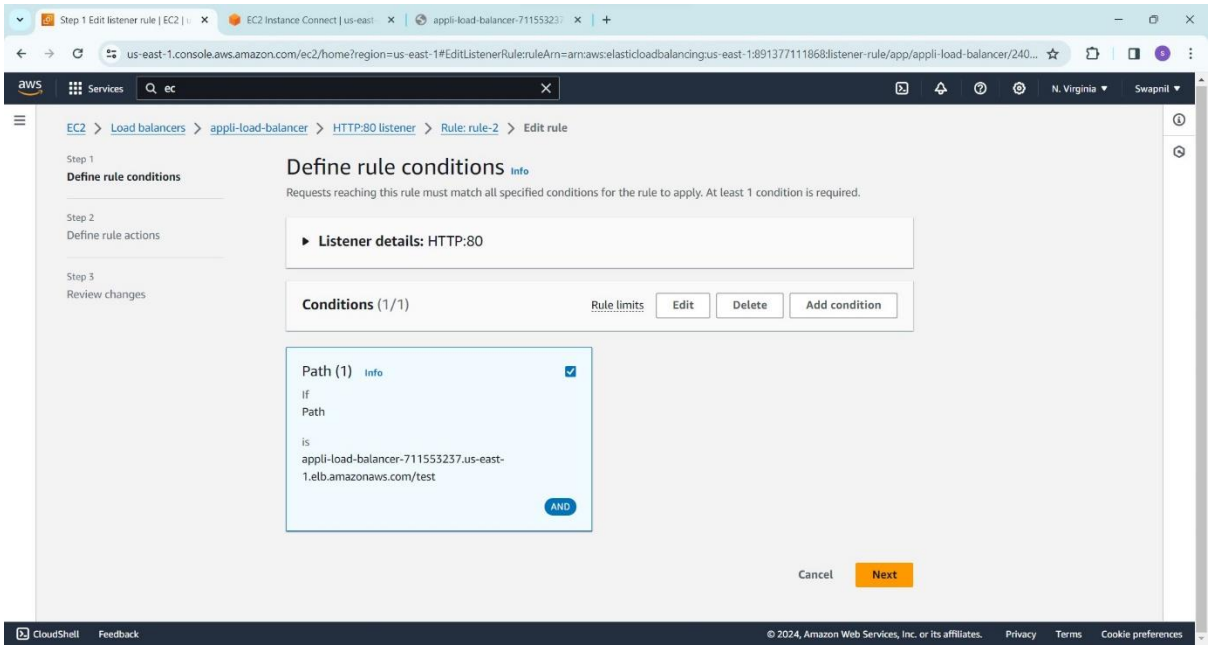


Step 23: Select the condition.

- Select the rule condition type.

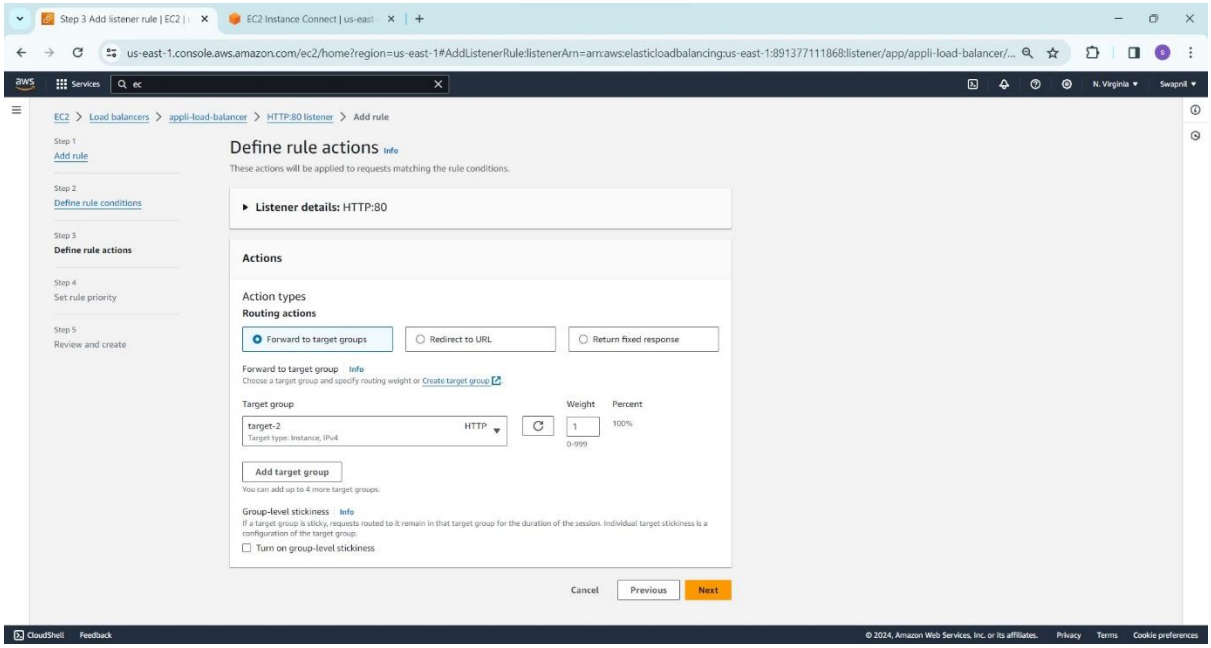


Step 24: Add the condition.

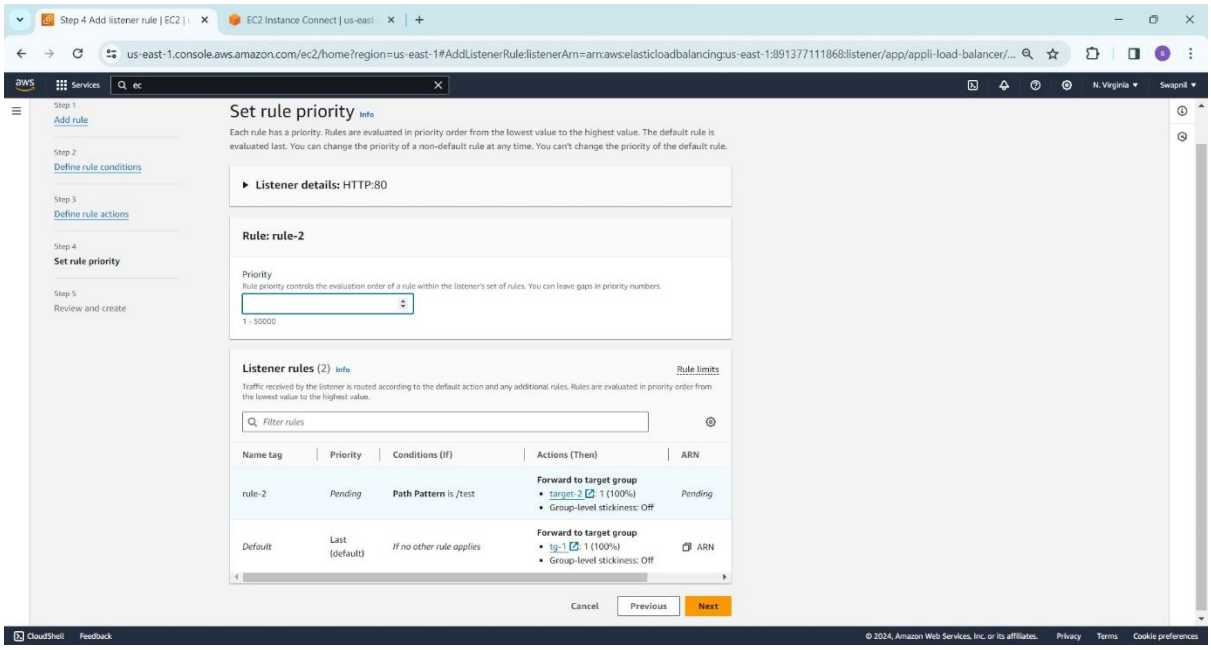


Step 25: Define rule action.

➢ Select the target group.

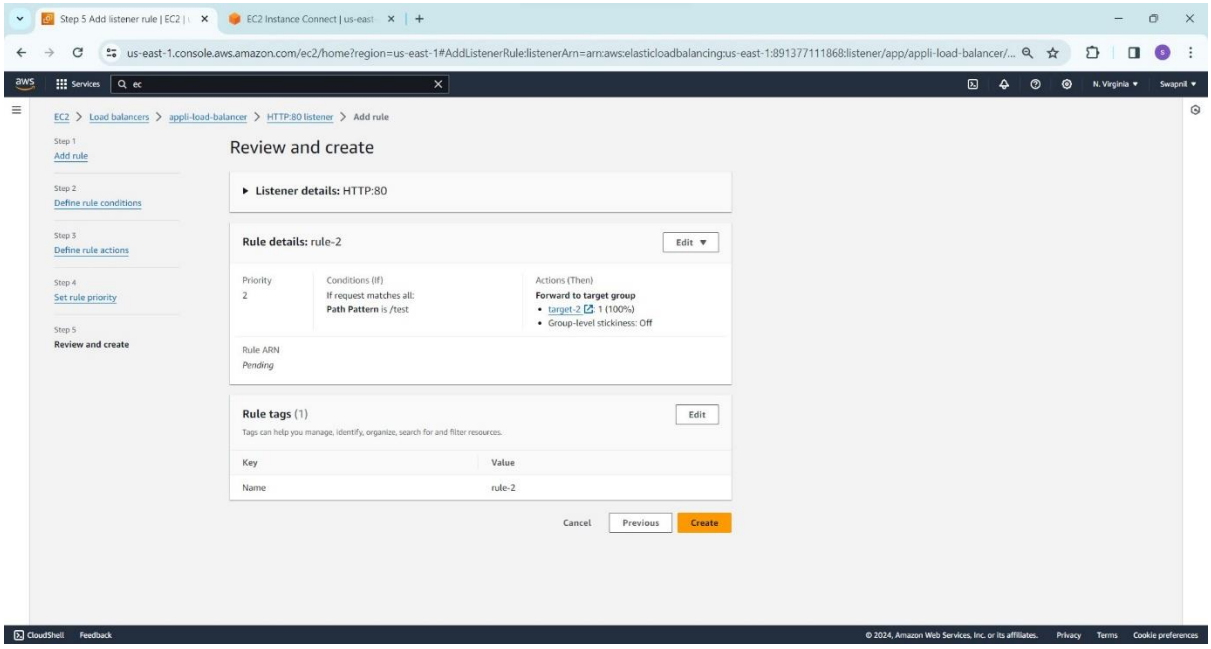


Step 26: Set rule priority for the rule.



Step 27: Review and create.

- Click on create.



Step 28: Check the result.

- Add the /test/ path with application load balance DNS in URL.