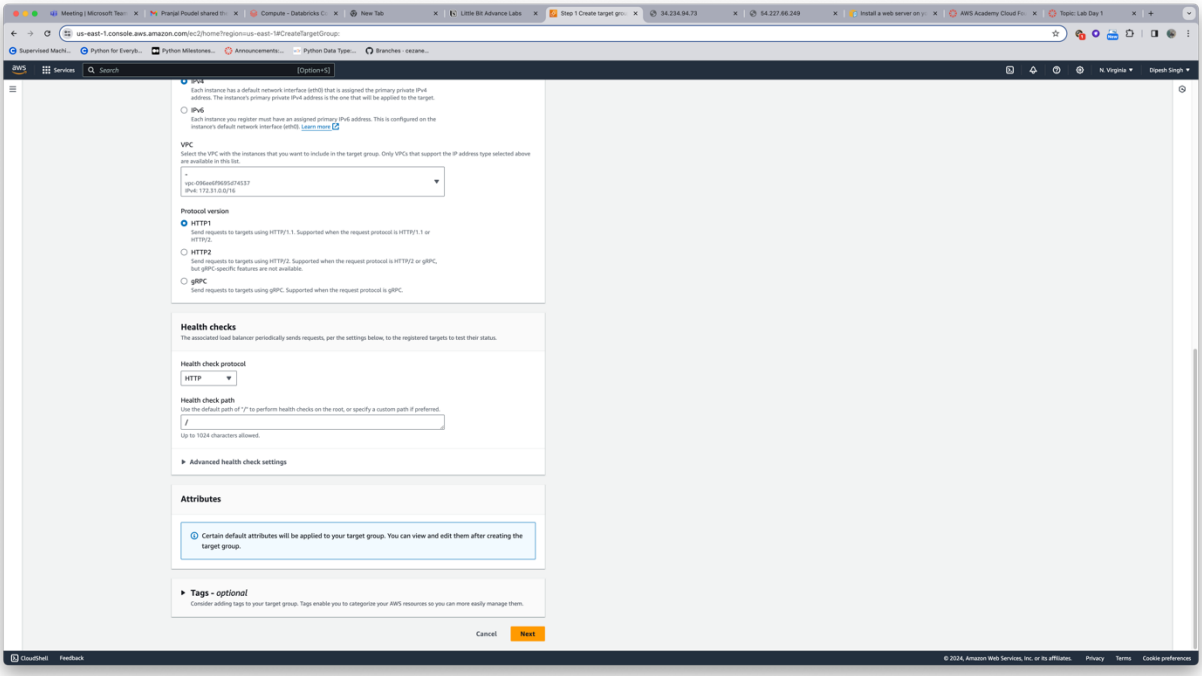
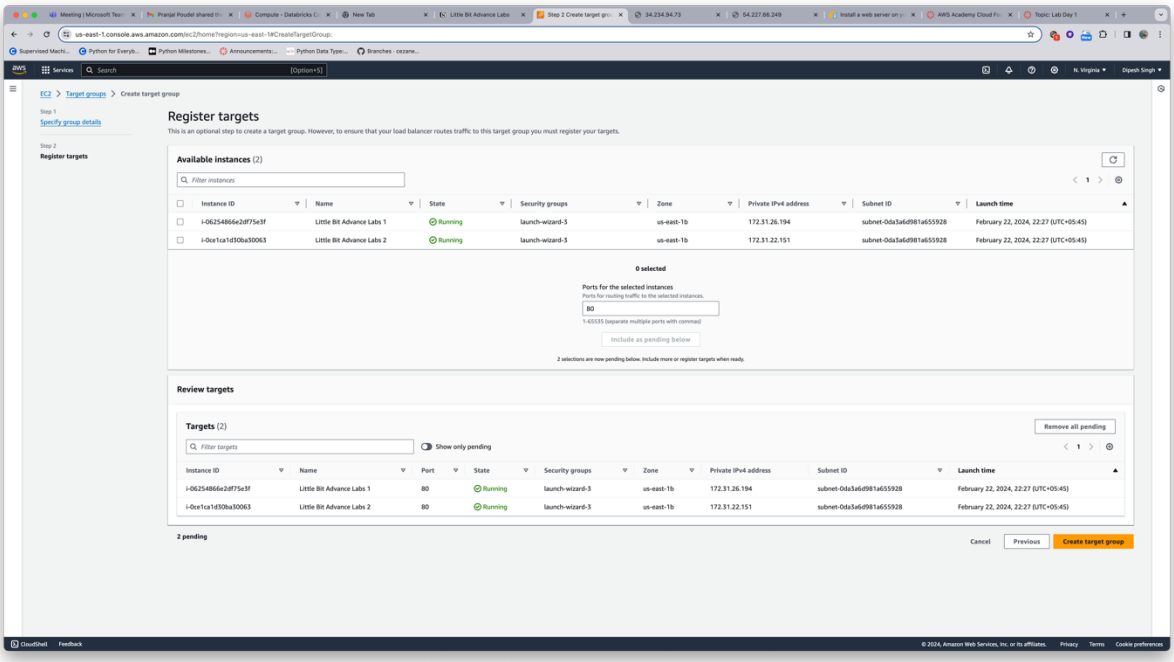
Configure Load Balancer:

First I will create a target group. Go to target group from side bar.

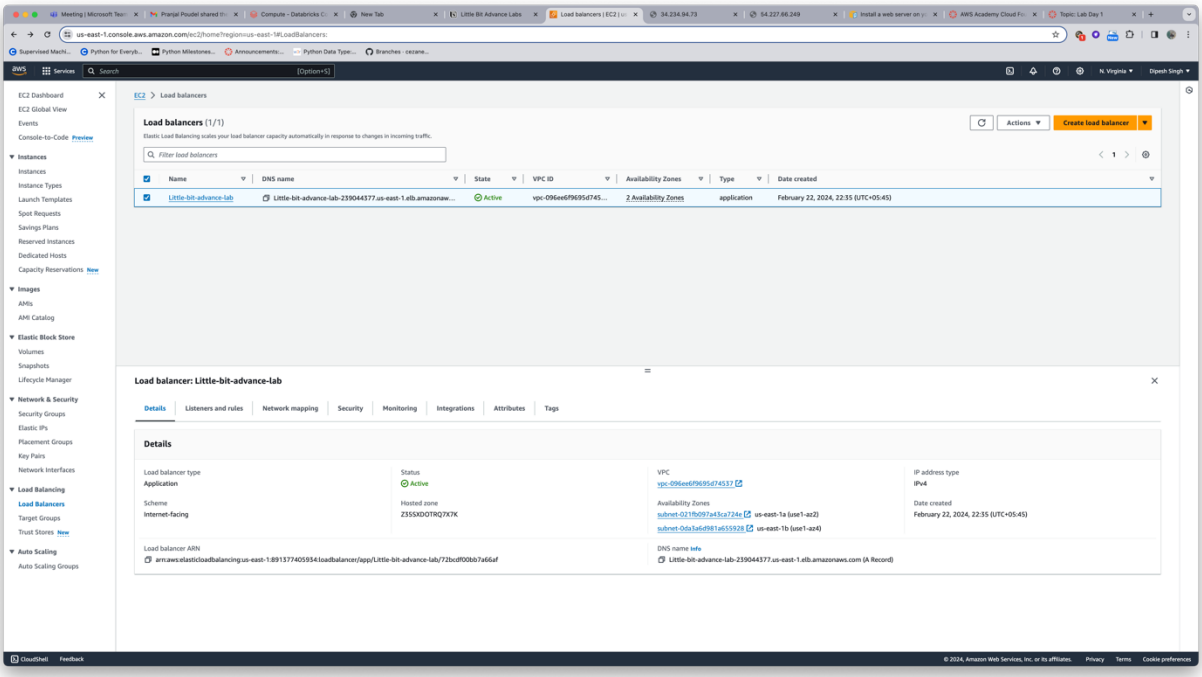


Give it a name and configure the rest of options as required and click on “Next” button.

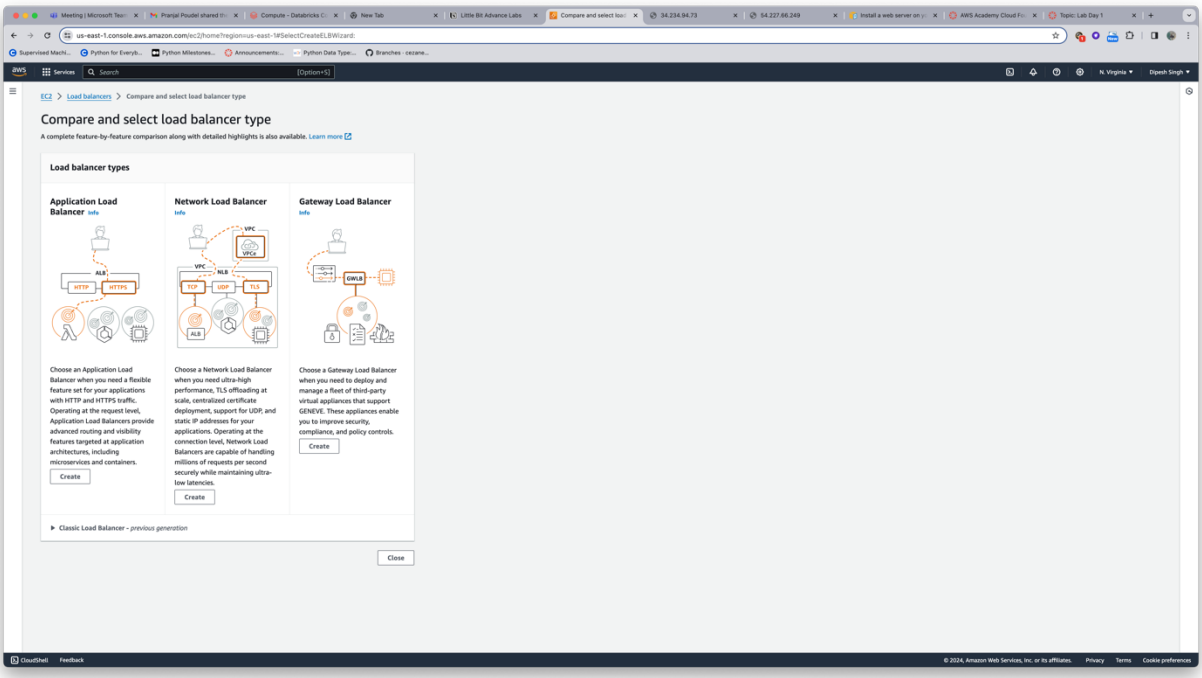


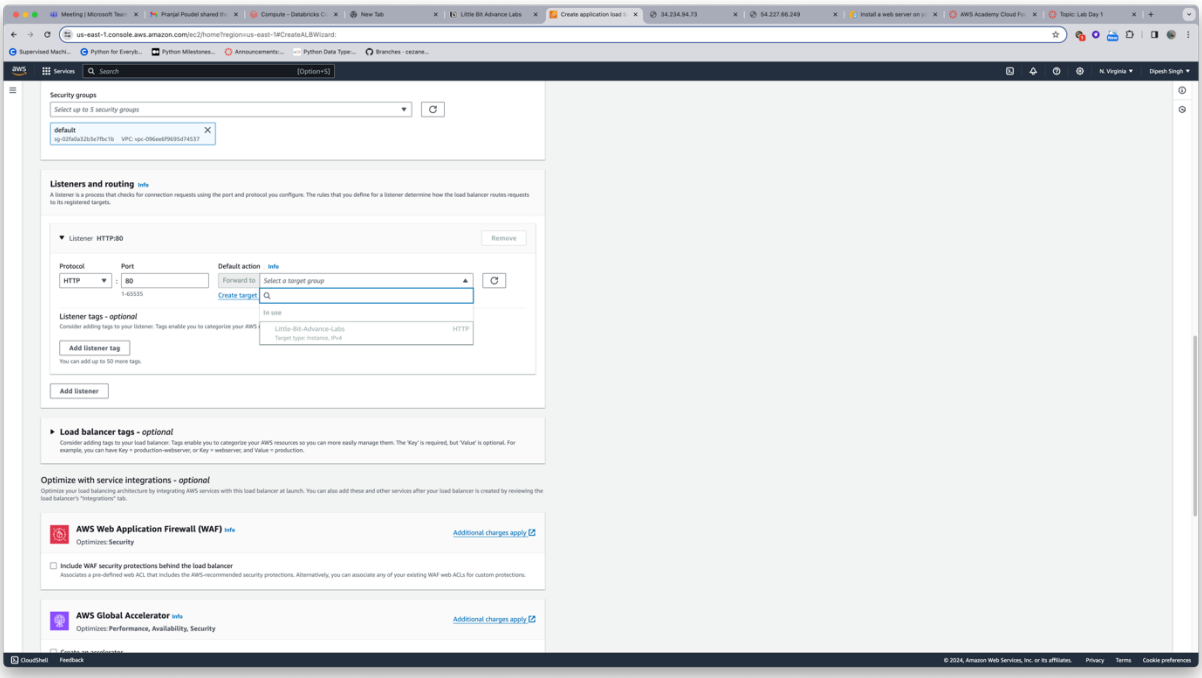
In this page, select the instances where you want to apply load balancing. Click on “Create target group” to successfully create target group.

Next go to load balancer page and click on “Create load balancer” button.

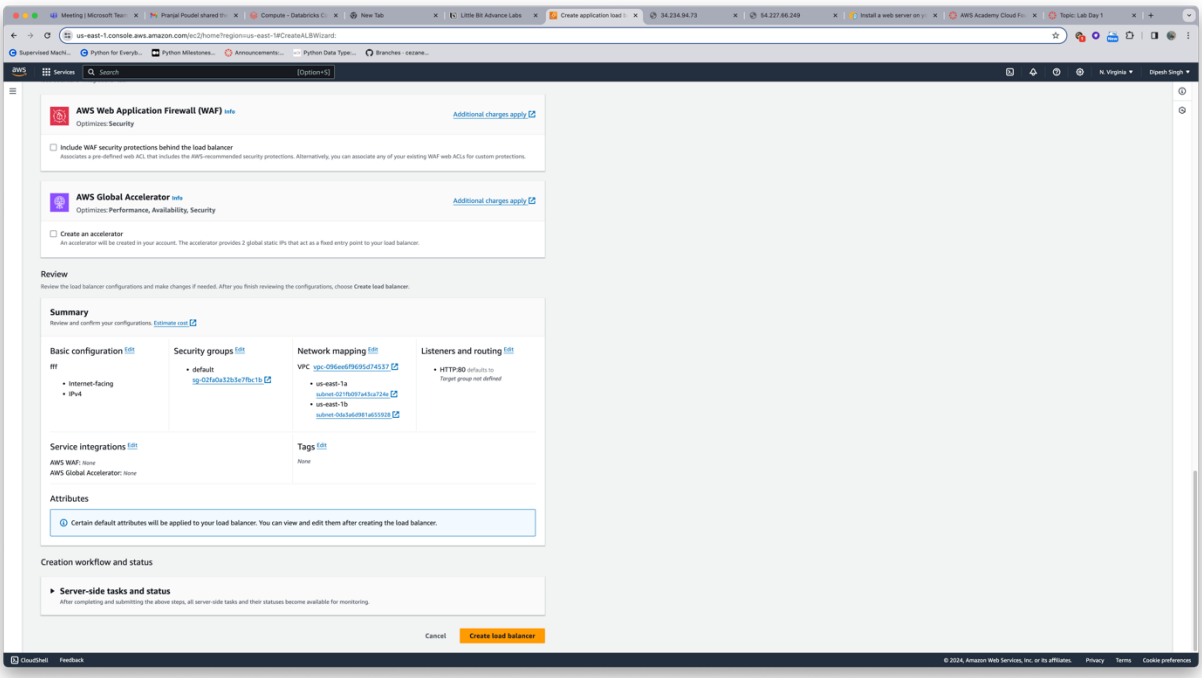


Select the type of load balancer. Since I am using it for instances, I will select Application Load Balancer.



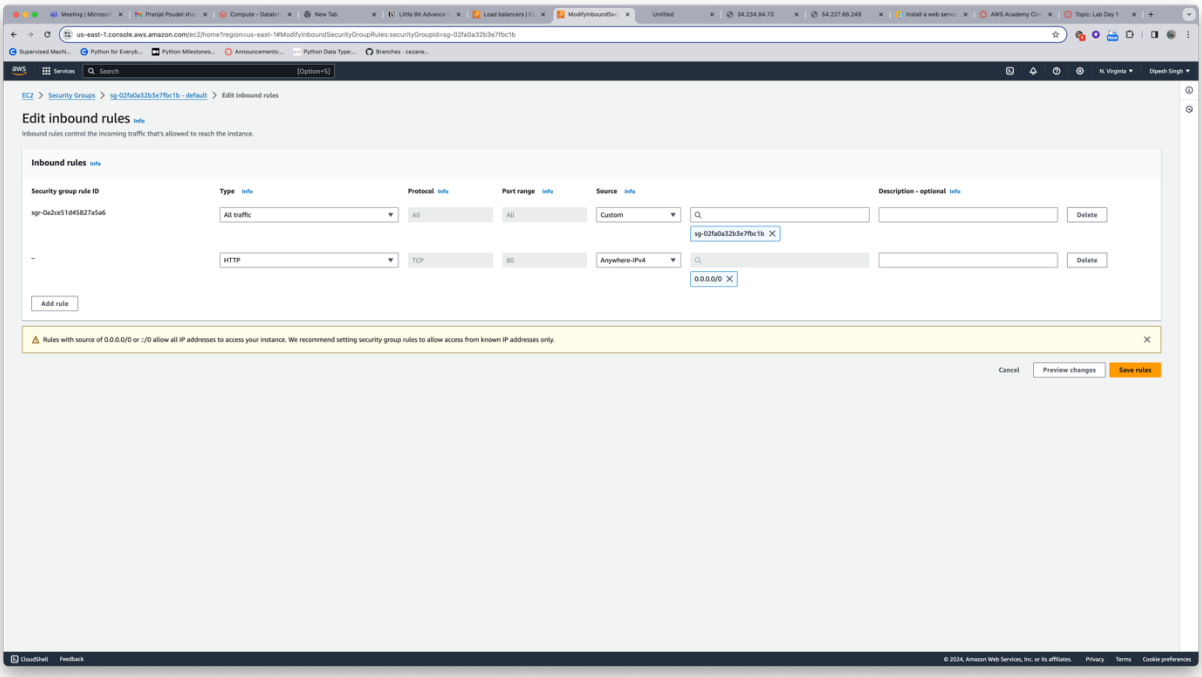


Configure the setting as per requirement. Attack the target group we create earlier.

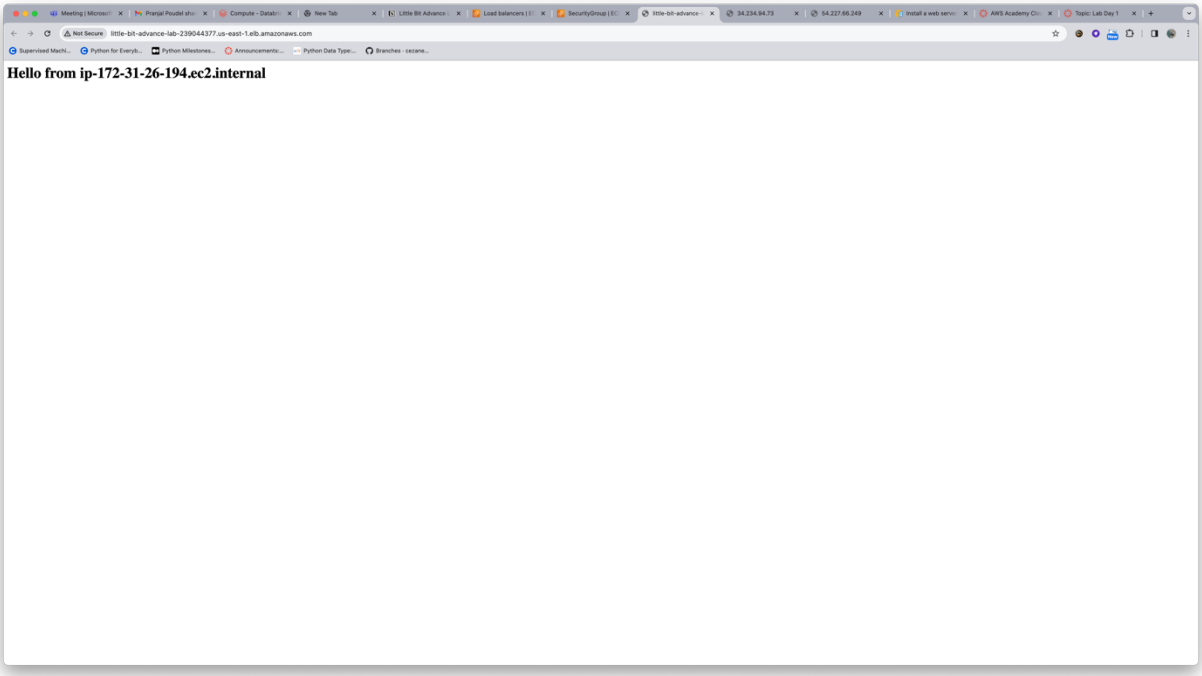


Review the settings and click “Create load balancer” button.

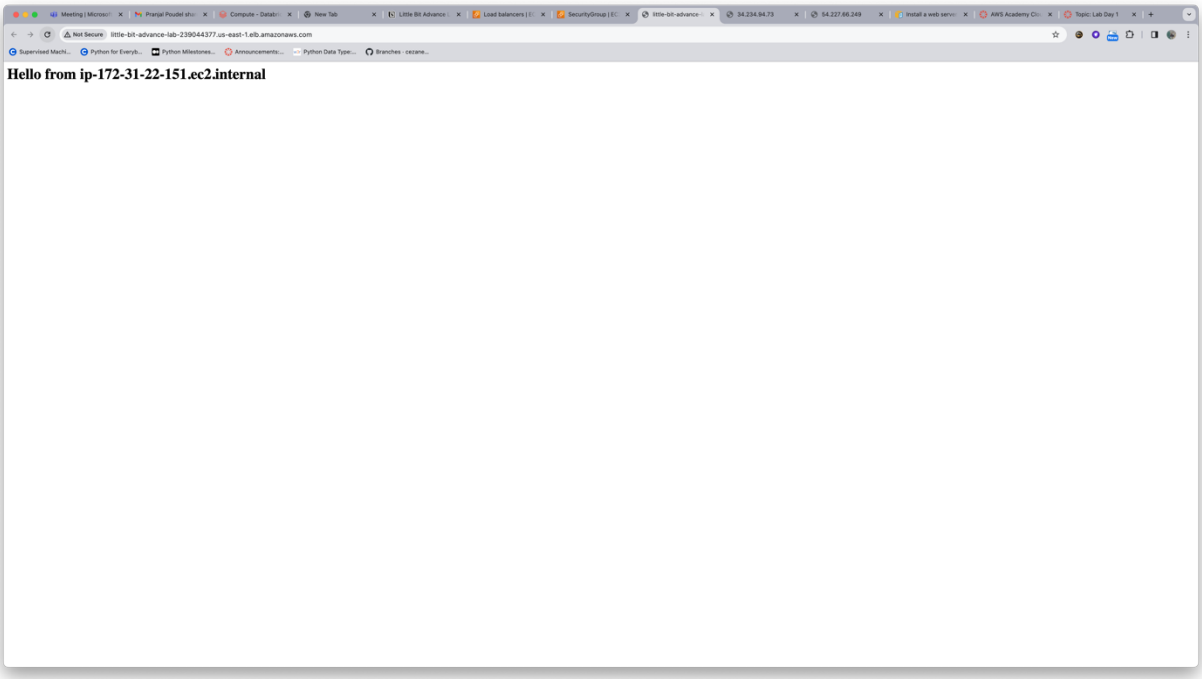
I will also add Http to the security group to access the website.



Testing the load balancer



The instance with ip 172-31-26-194 loads up initially. After refreshing the page for few times,



Load balancer diverted traffic to another instance with ip 172-31-22-151.