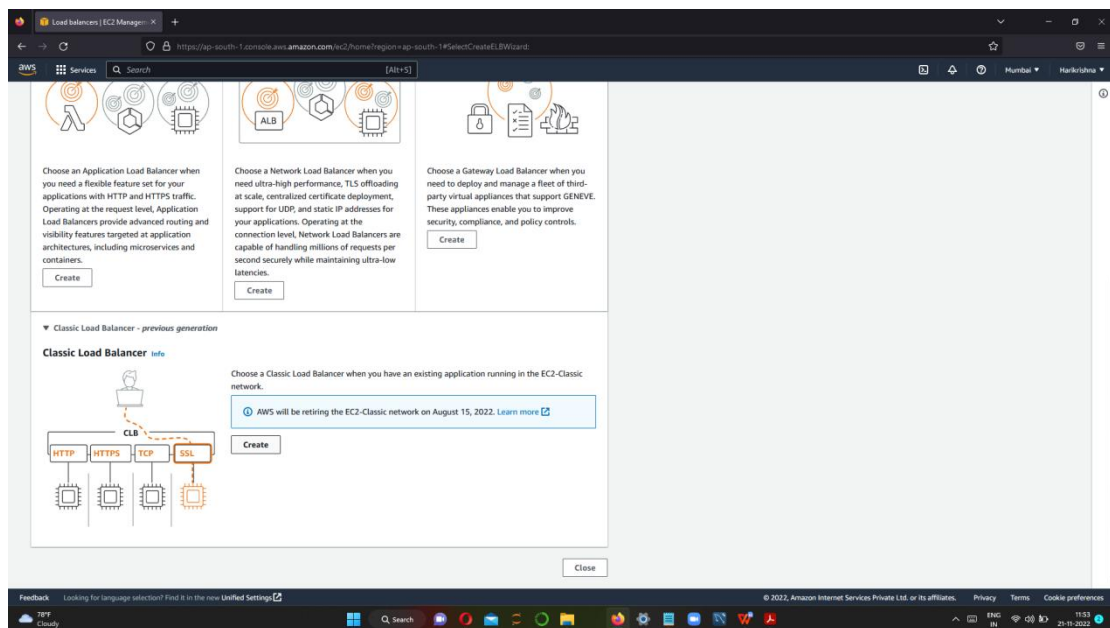
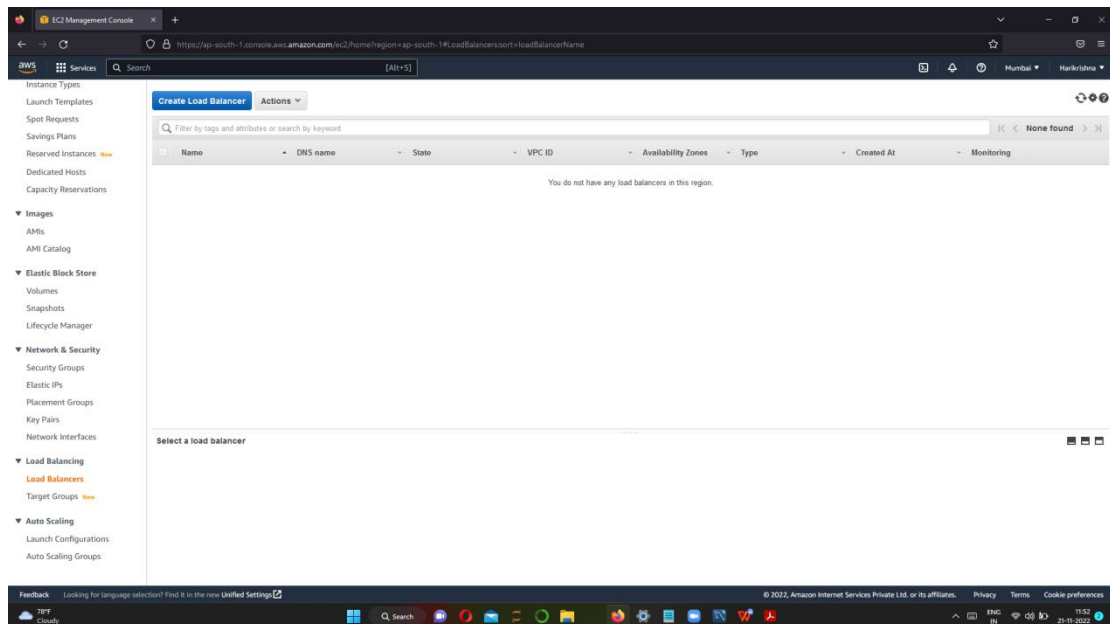
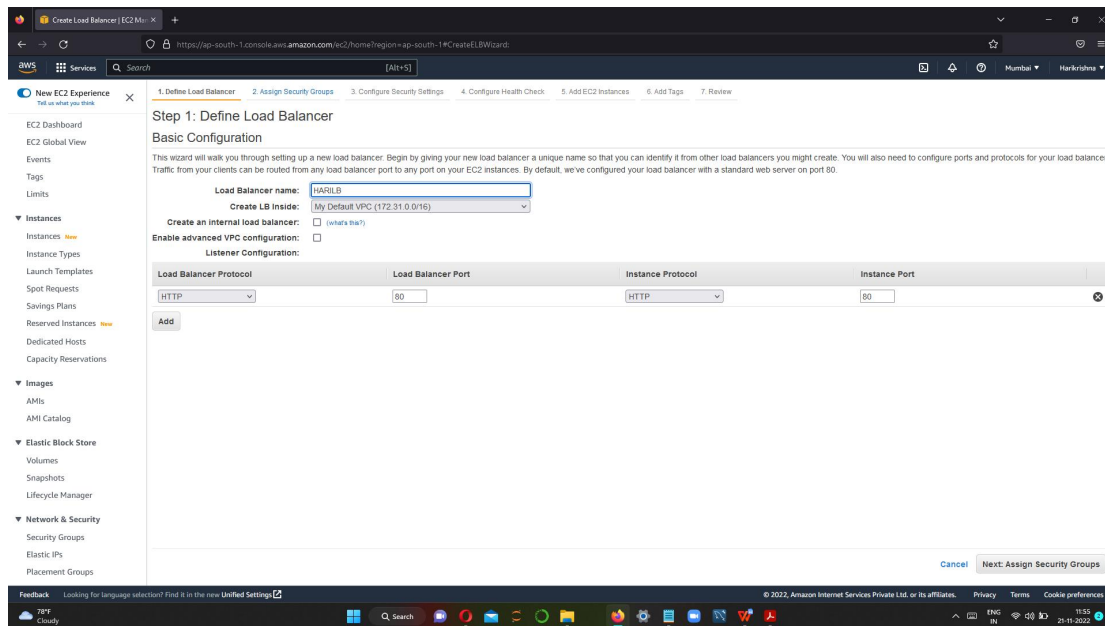


CLASSIC LOAD BALANCER

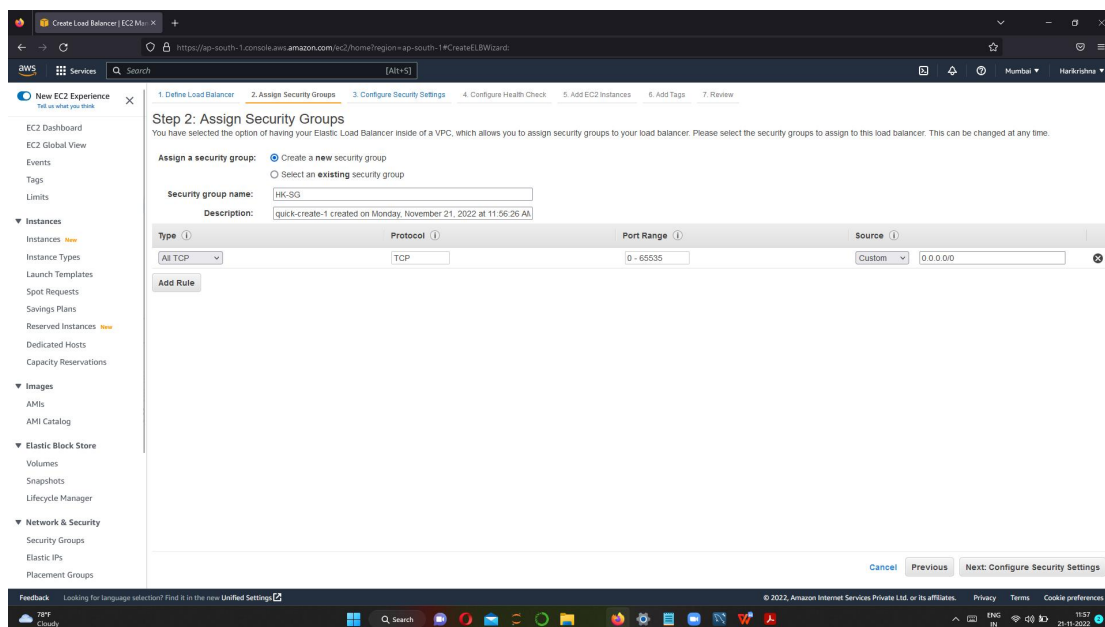
- STEP 1 OPEN EC2 AND CLICK LOAD BALANCER AND CLICK CREATE LOAD BALANCER.



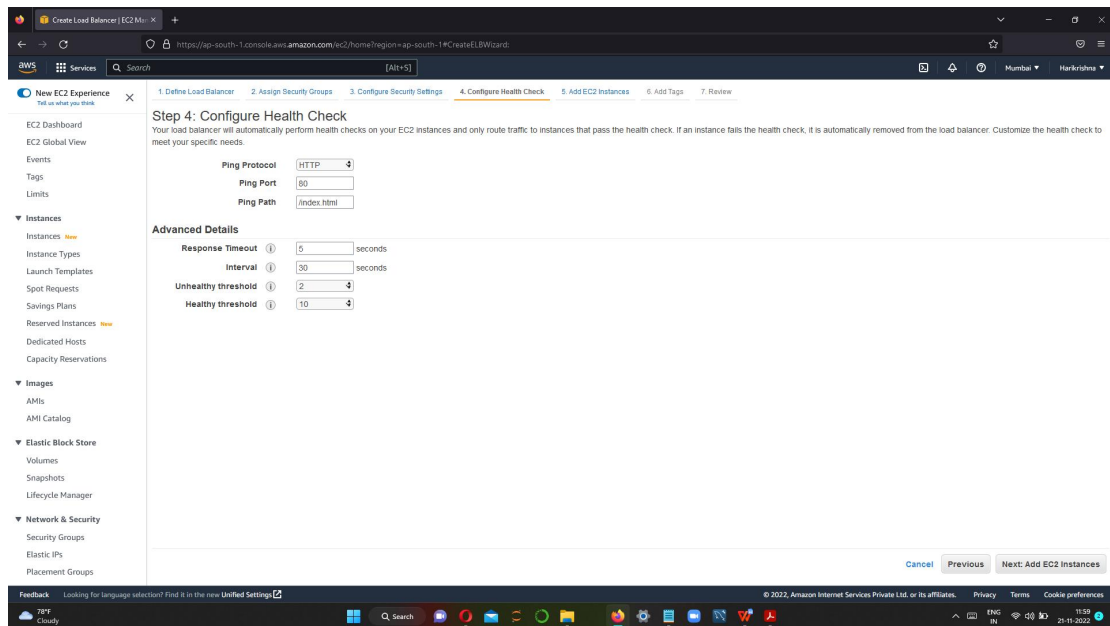
- STEP 2 I) NAME THE LOAD BALANCER AND KEEP THE VPC AS DEFAULT AS IT IS.
II) KEEP PROTOCOL AS HTTP.



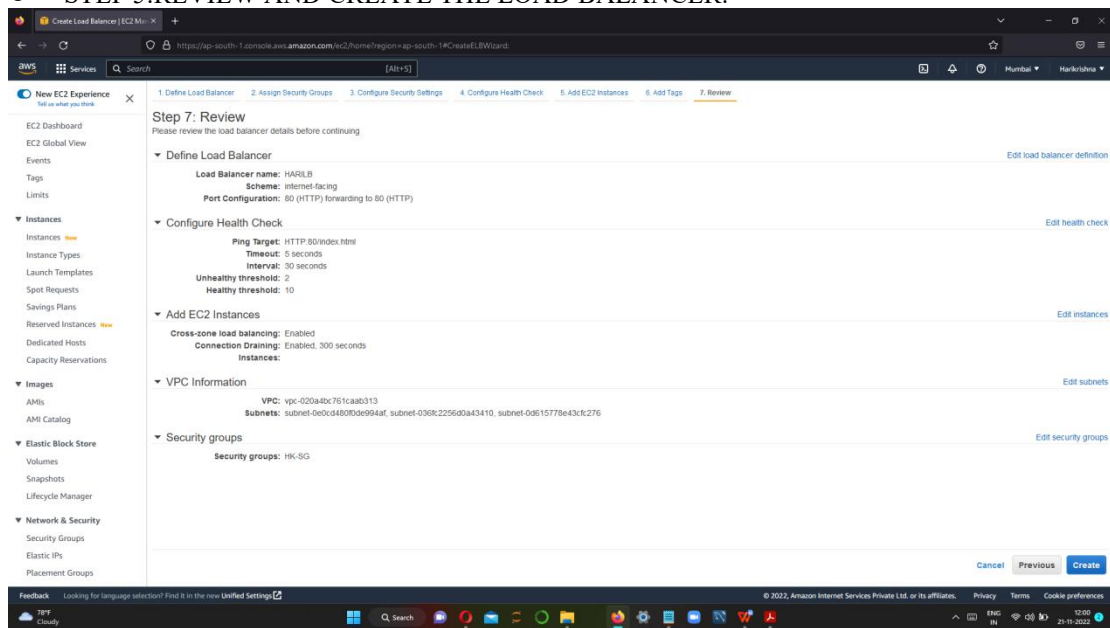
- STEP 3 CREATE NEW SECURITY GROUP AND KEEP TYPE AS ALL TCP.

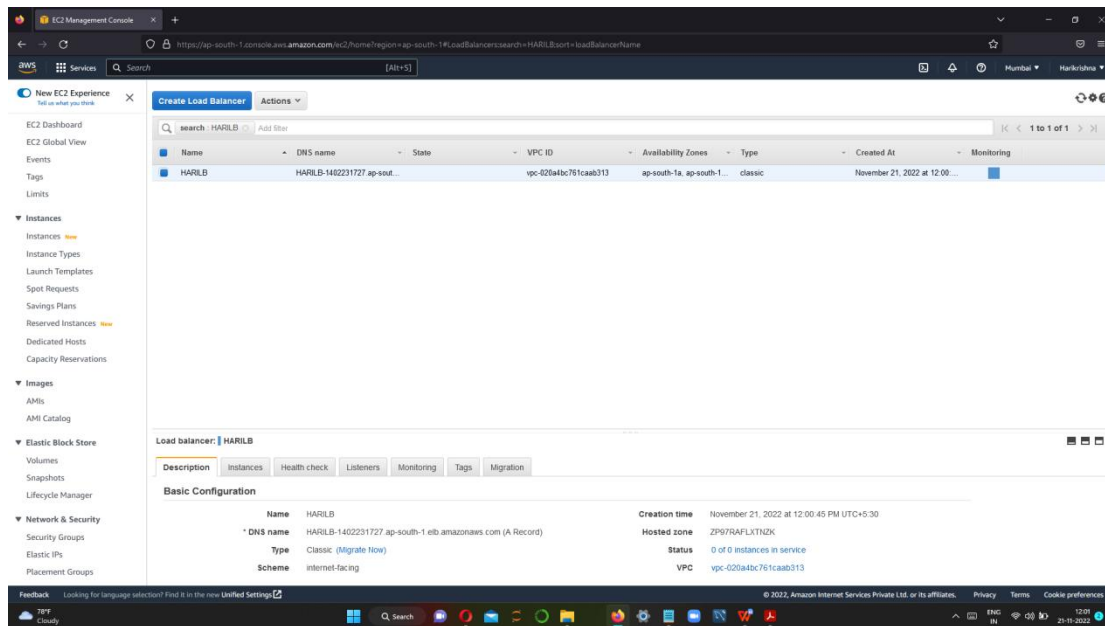


- STEP 4 WE HAVE TO SET CONFIGURATION ON NEEDS OF THE LOAD BALANCER TO HEALTH CHECK OF THE SERVER AND SET TIME,INTERVAL IN WHICH OUR CLASSIC LOAD BALANCER WILL GO AND HIT THE SERVER.

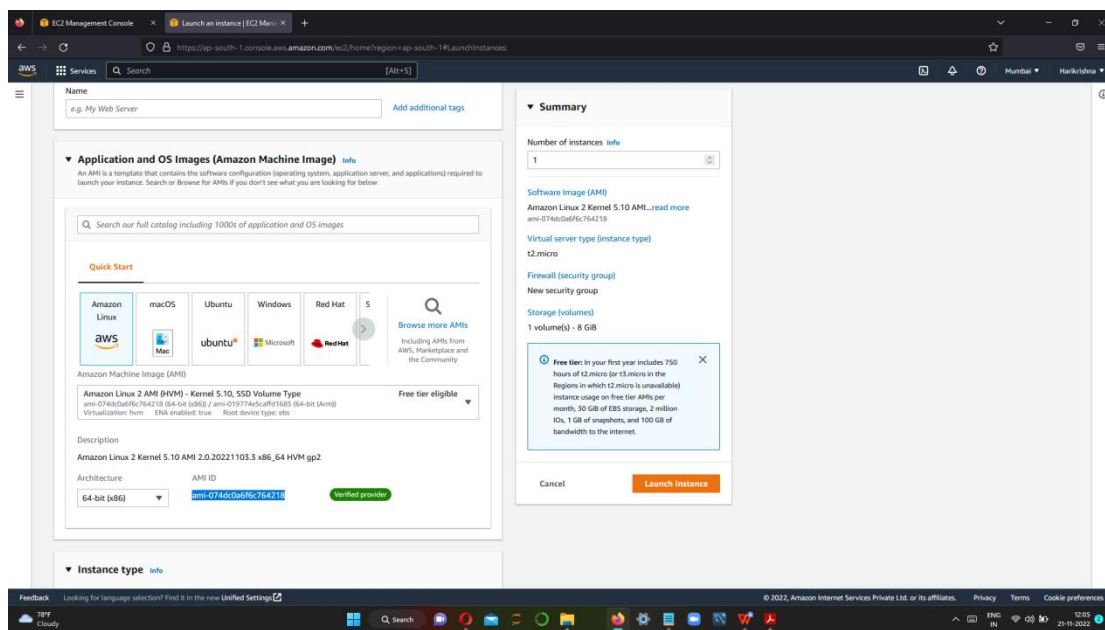


● STEP 5: REVIEW AND CREATE THE LOAD BALANCER.

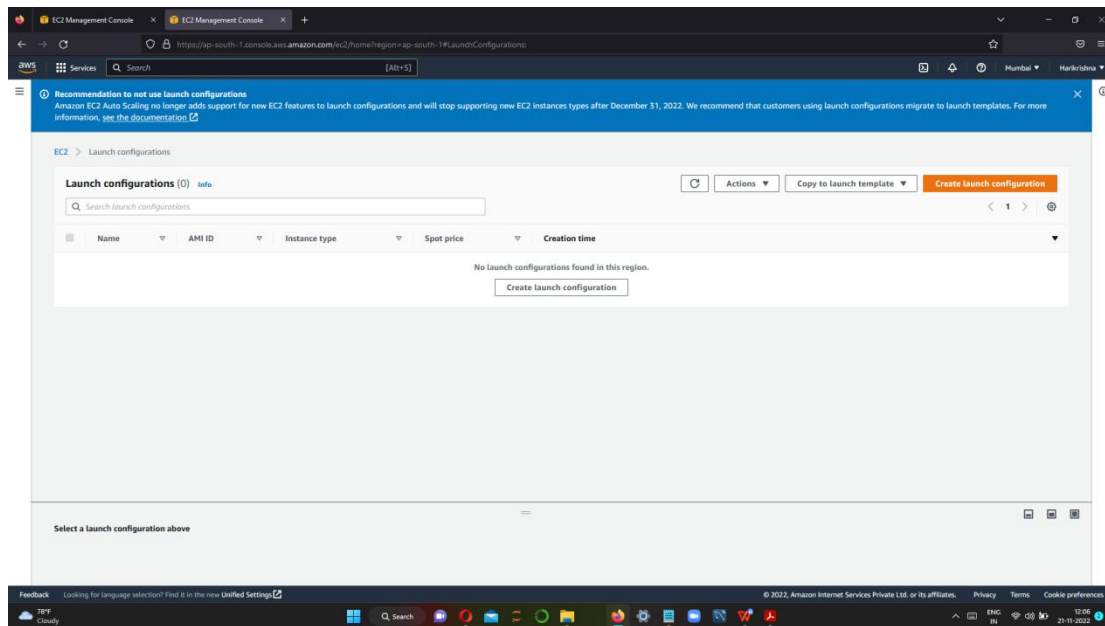




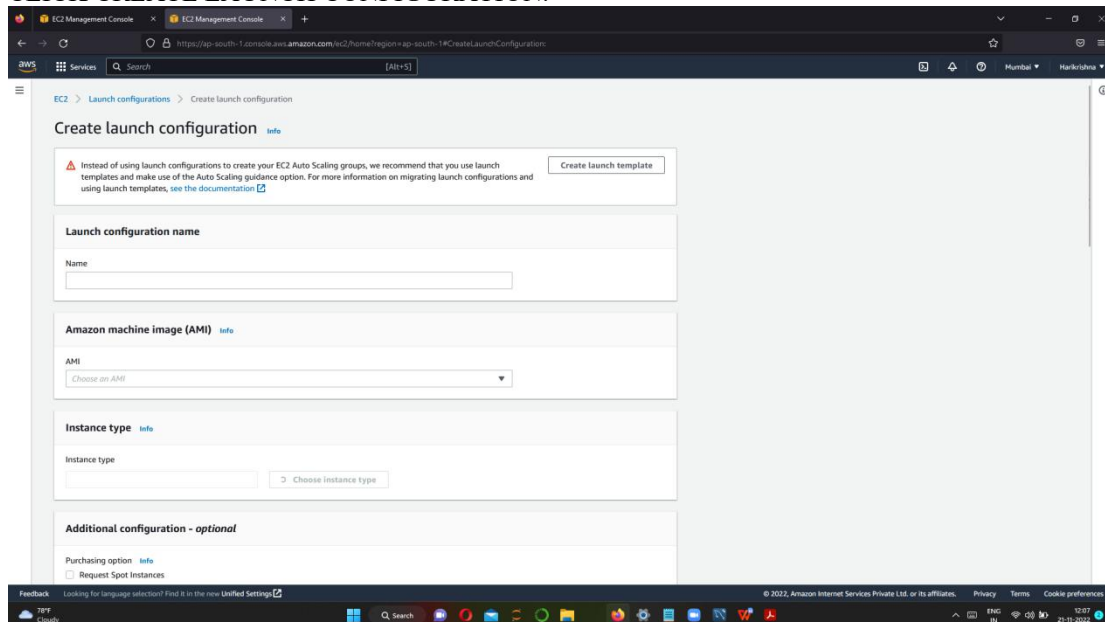
STEP 6 GO TO EC2 INSTANCE IN NEW TAB AND COPY OF AMI ID FREE TIER.



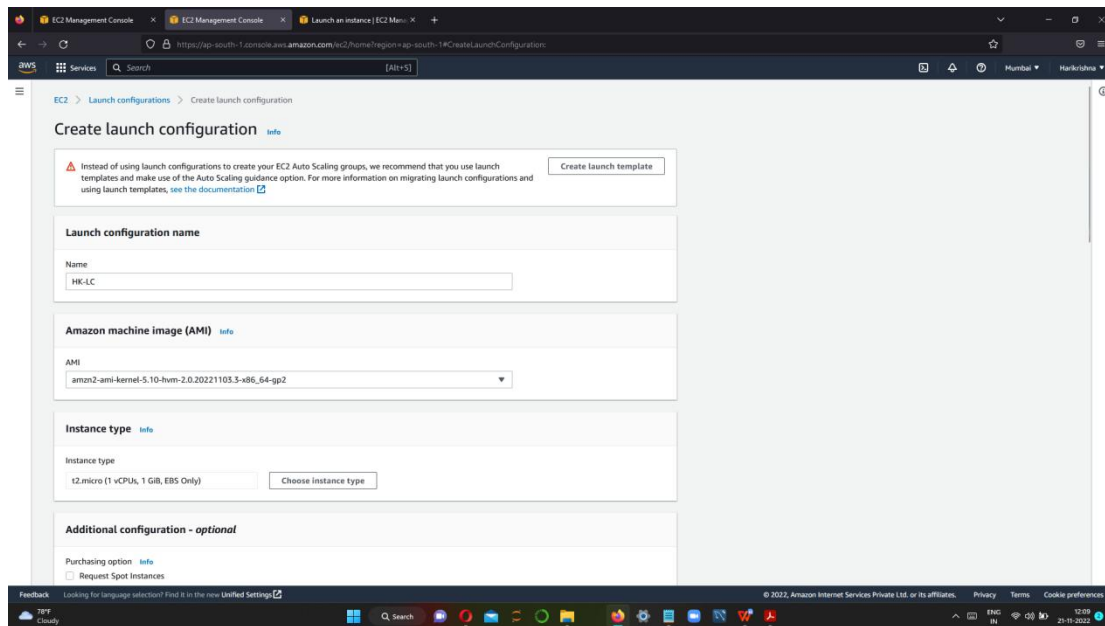
STEP 7 ONCE COPYING THE AMI ID , GO TO LAUNCH CONFIGURATION AND CLICK CREATE LAUNCH CONFIGURATION.



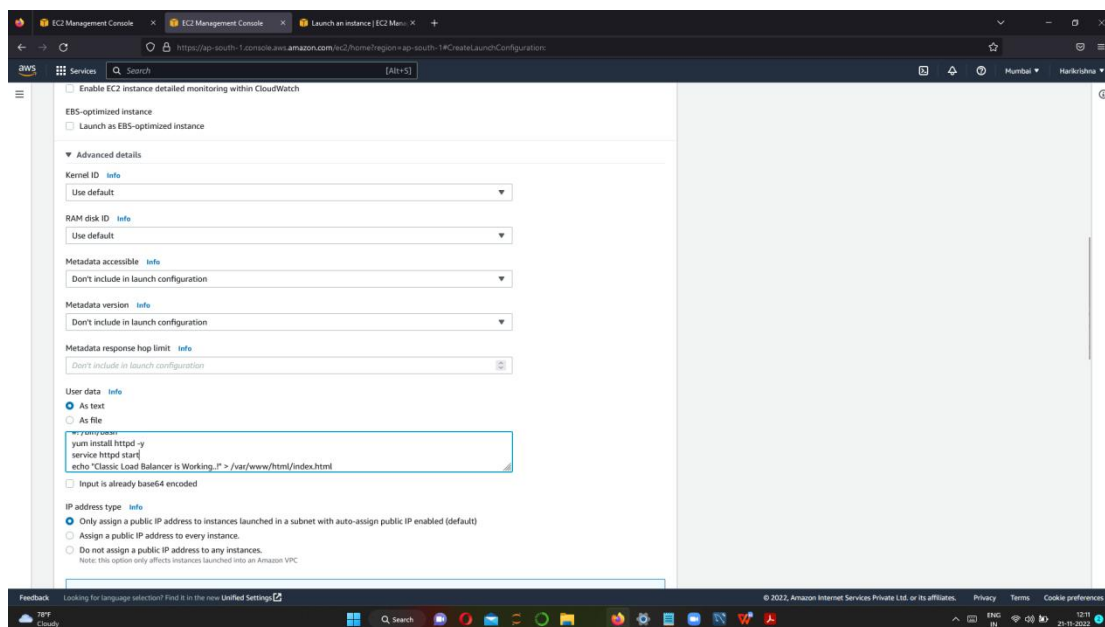
CLICK CREATE LAUNCH CONFIGURATION.



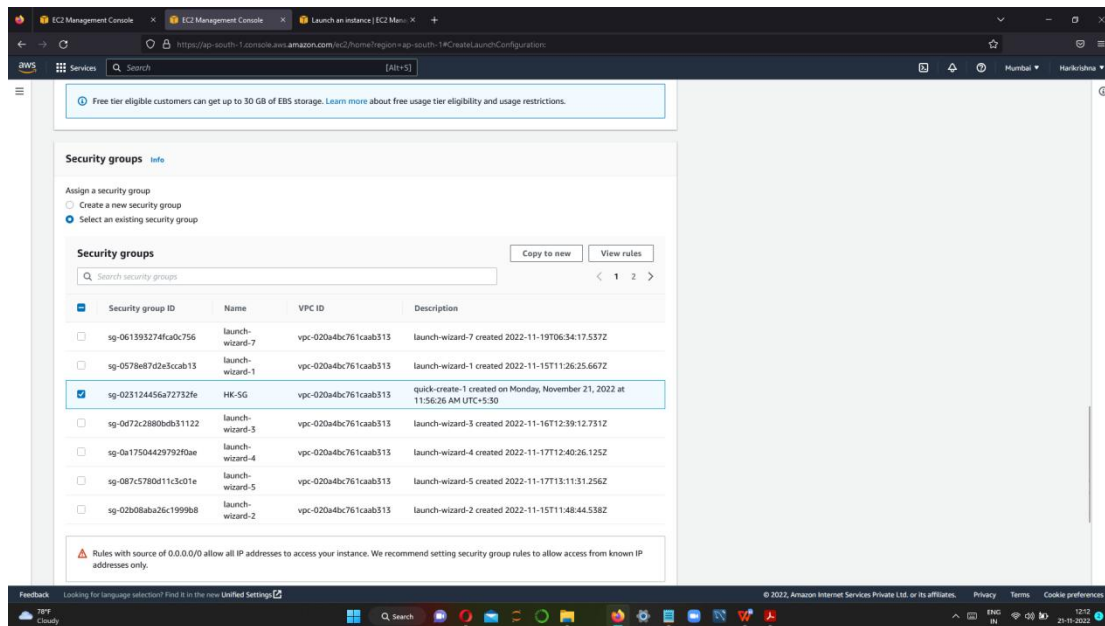
STEP 8 GIVE LAUNCH CONFIGURATION NAME ,PASTE AMI ID ---> SELECT INSTANCE TYPE



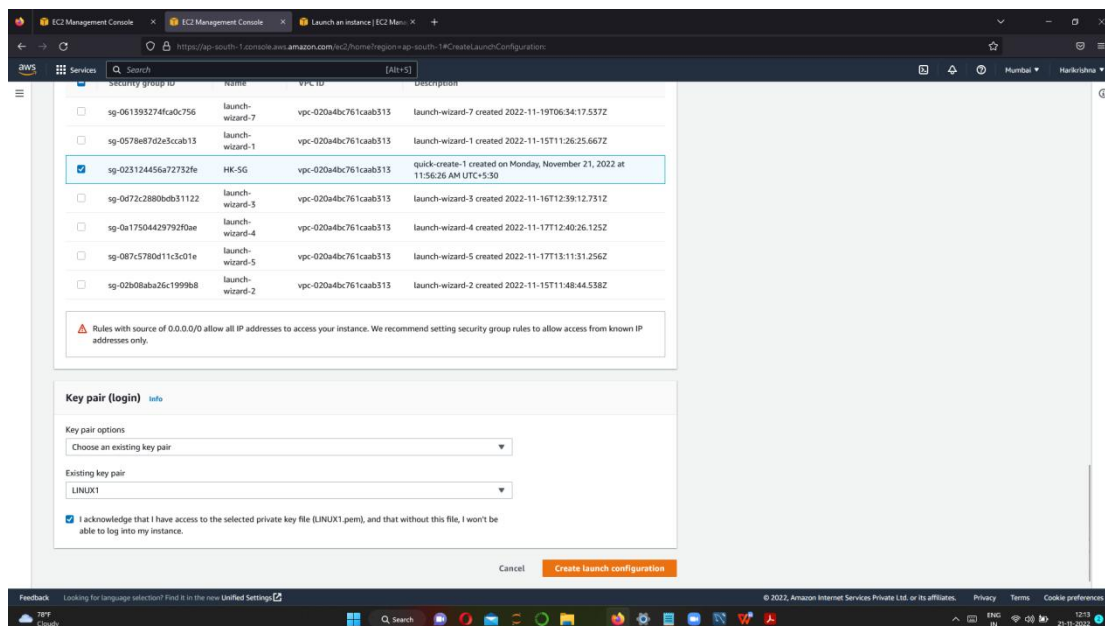
STEP 9 GO TO ADDITIONAL CONFIGURATION AND TYPE SIMPLE SCRIPT IN USER DATA.

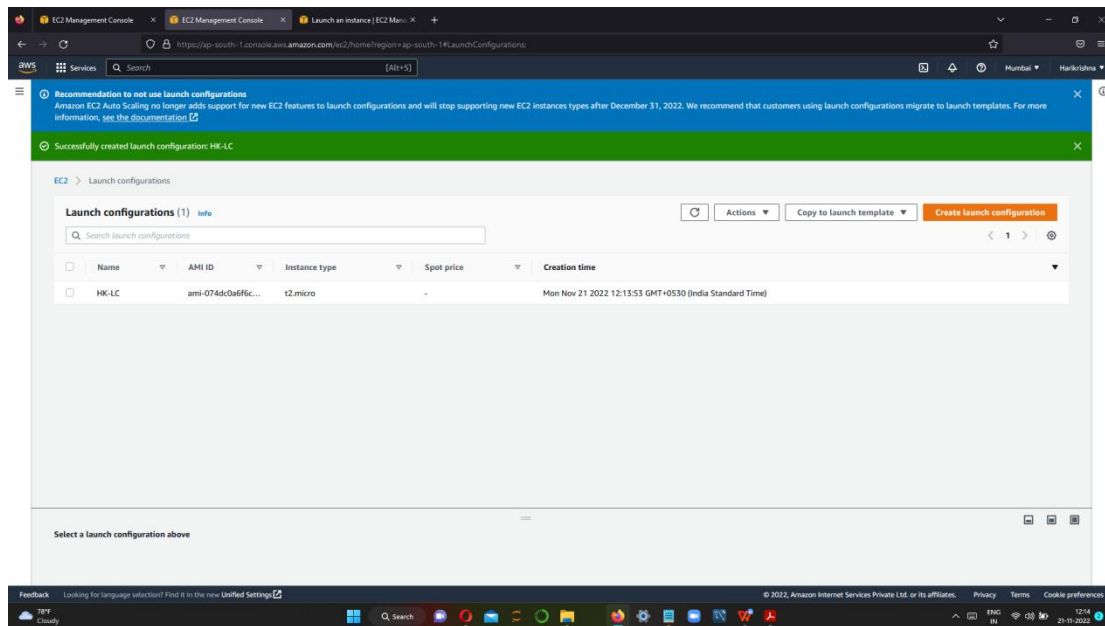


STEP 10 SELECT THE SECURITY GROUP AND SELECT THE SECURITY GROUP WHICH WE CREATED EARLIER



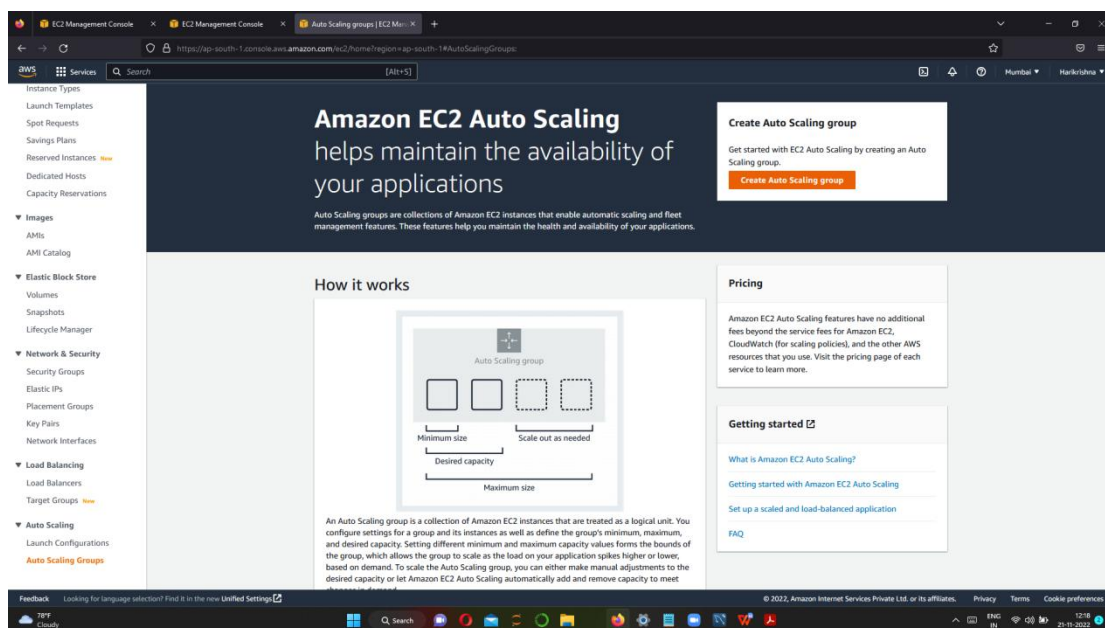
STEP 11 THEN SELECT THE EXISTING KEYPAIR AND CLICK CREATE LAUNCH CONFIGURATION.

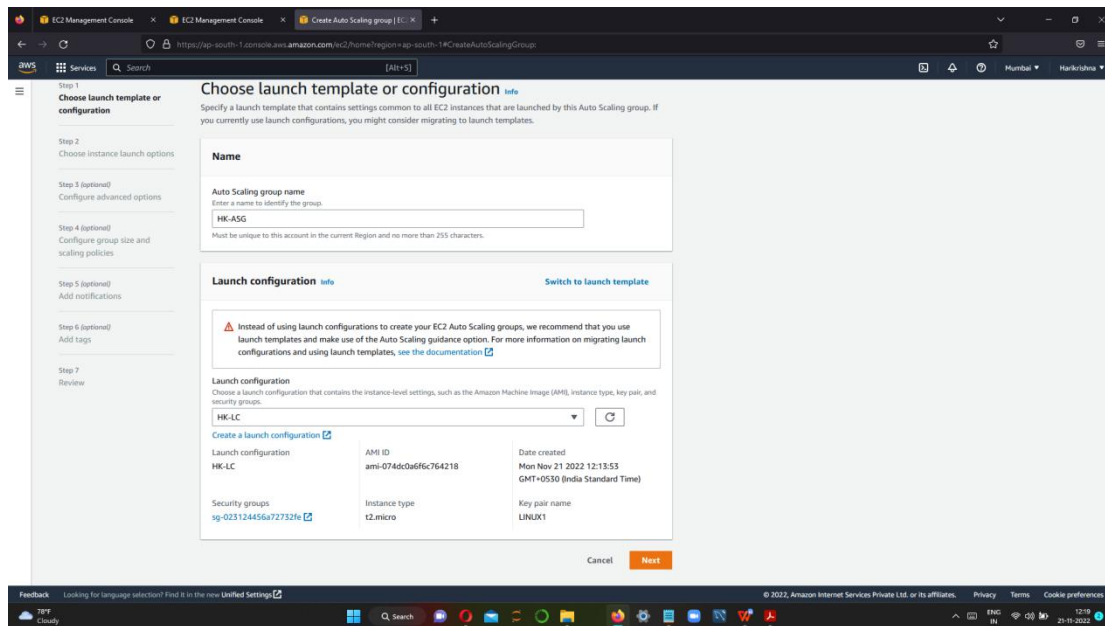




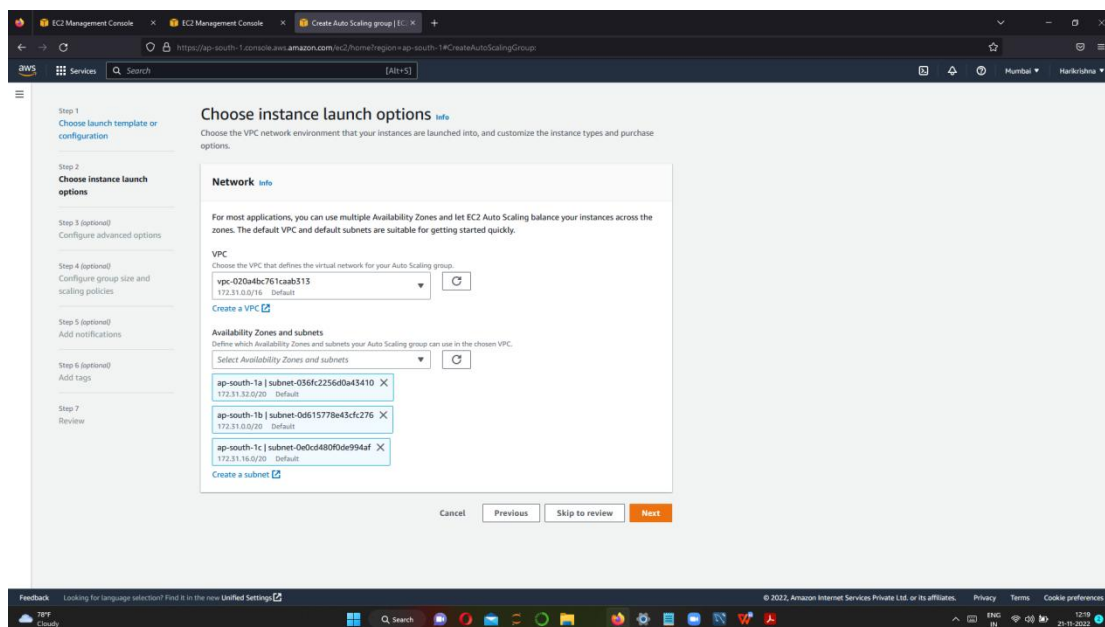
AUTO SCALING CREATION AND CONFIGURATION

STEP 1 GO TO AUTO SCALING GROUP AND CLICK CREATE AUTO SCALING GROUP

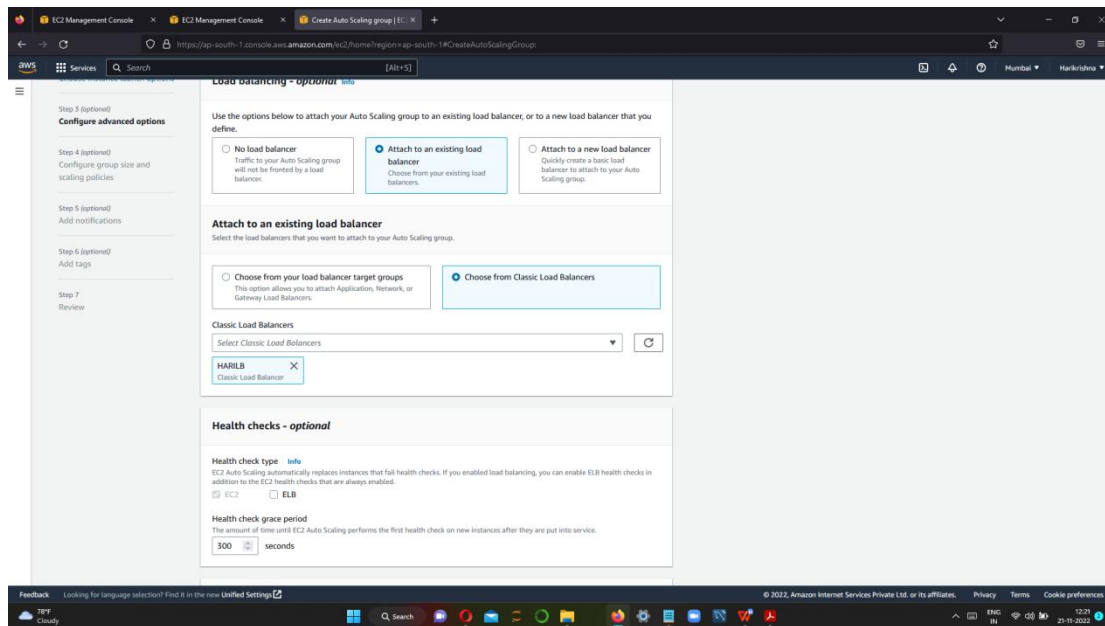




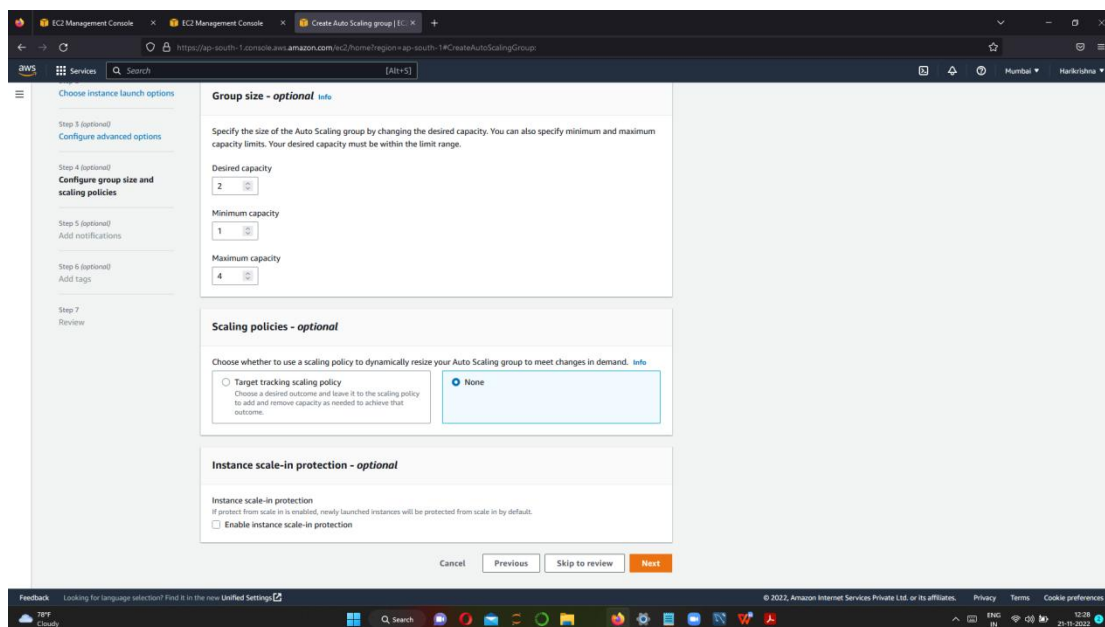
STEP 2 SELECT DEFAULT VPC AND SELECT ALL AVAILABLE SUBNETS



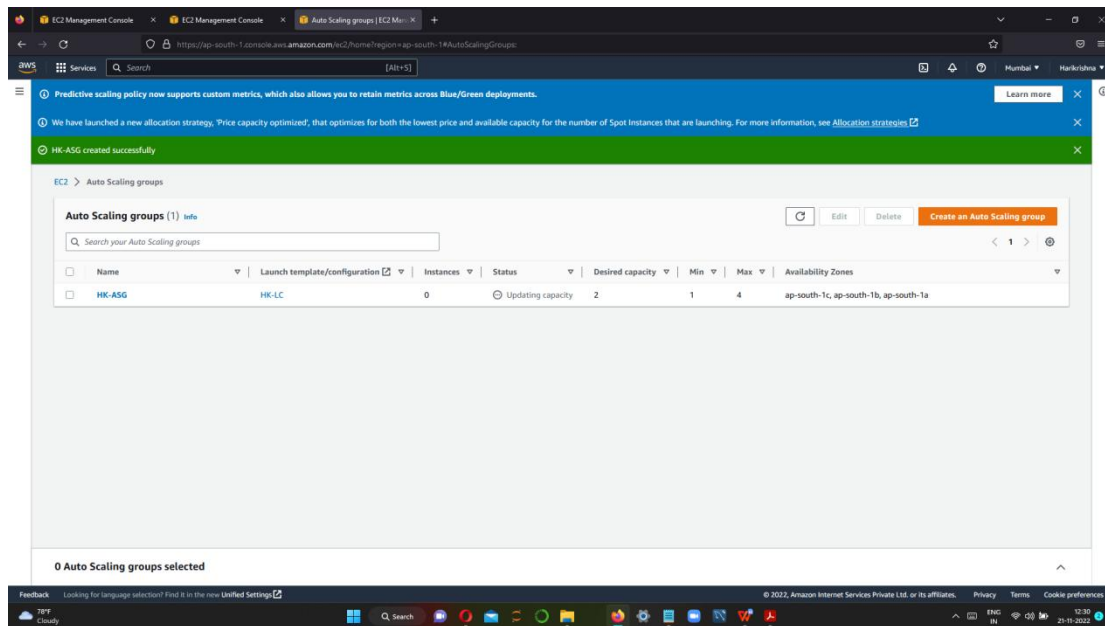
STEP 3 SELECT EXISTING LOAD BALANCER-->CHOOSE FROM CLASSIC LOAD BALANCER



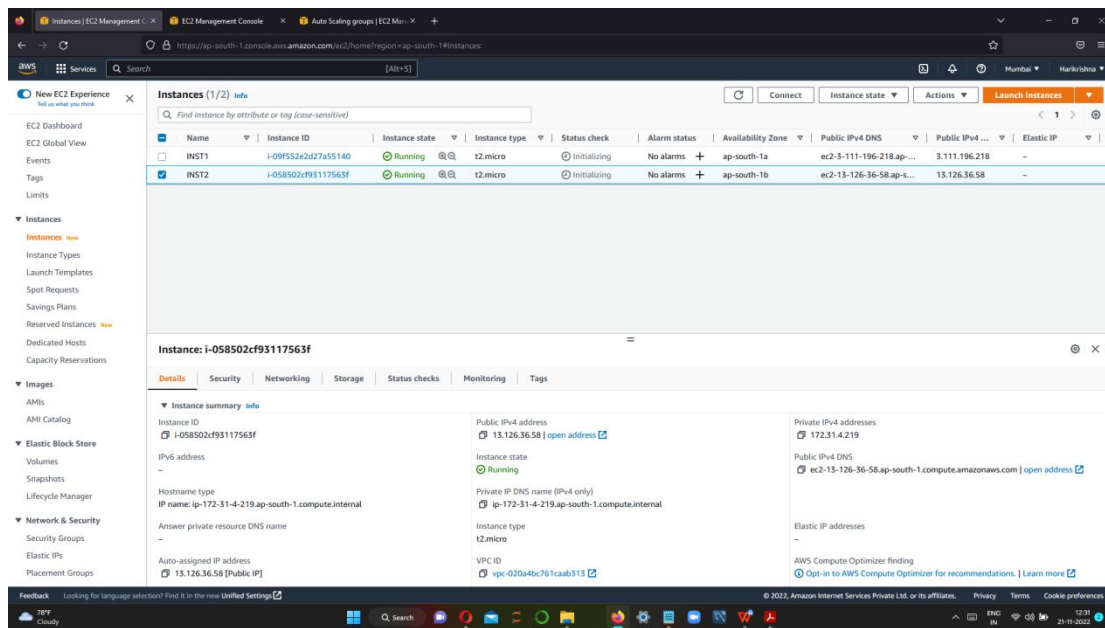
STEP 4 CONFIGURE GROUP SIZE AND SCALING POLICIES.



STEP 5 REVIEW AND CREATE



STEP 6 FINALLY TWO INSTANCE IS CREATED



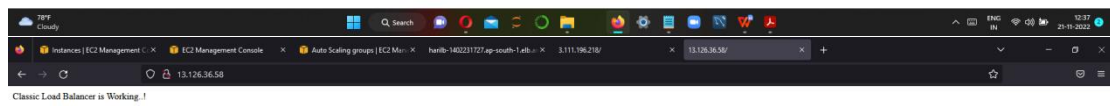
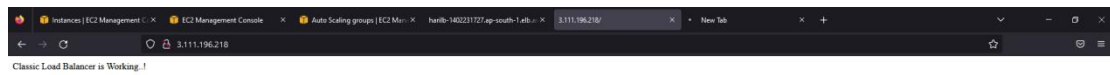
STEP 7 CHECK THE LOAD BALANCER IS IN SERVICE OR NOT.

The screenshot shows the AWS Management Console interface. On the left, there's a navigation menu with categories like Instance Types, Images, Elastic Block Store, Network & Security, Load Balancing, and Auto Scaling. The main content area is titled 'Create Load Balancer' and shows a table of existing load balancers. One load balancer, 'HARLB', is listed with its DNS name, state, VPC ID, availability zones, type, and creation date. Below this, the 'Instances' tab is active, displaying a table of instances associated with the load balancer. The table has columns for Instance ID, Name, Availability Zone, Status, and Actions. Two instances are listed: INST1 (ap-south-1a) and INST2 (ap-south-1b), both in 'InService' status. The 'Description' tab is also visible, showing the load balancer's configuration, including 'Connection Draining: Enabled, 300 seconds'.

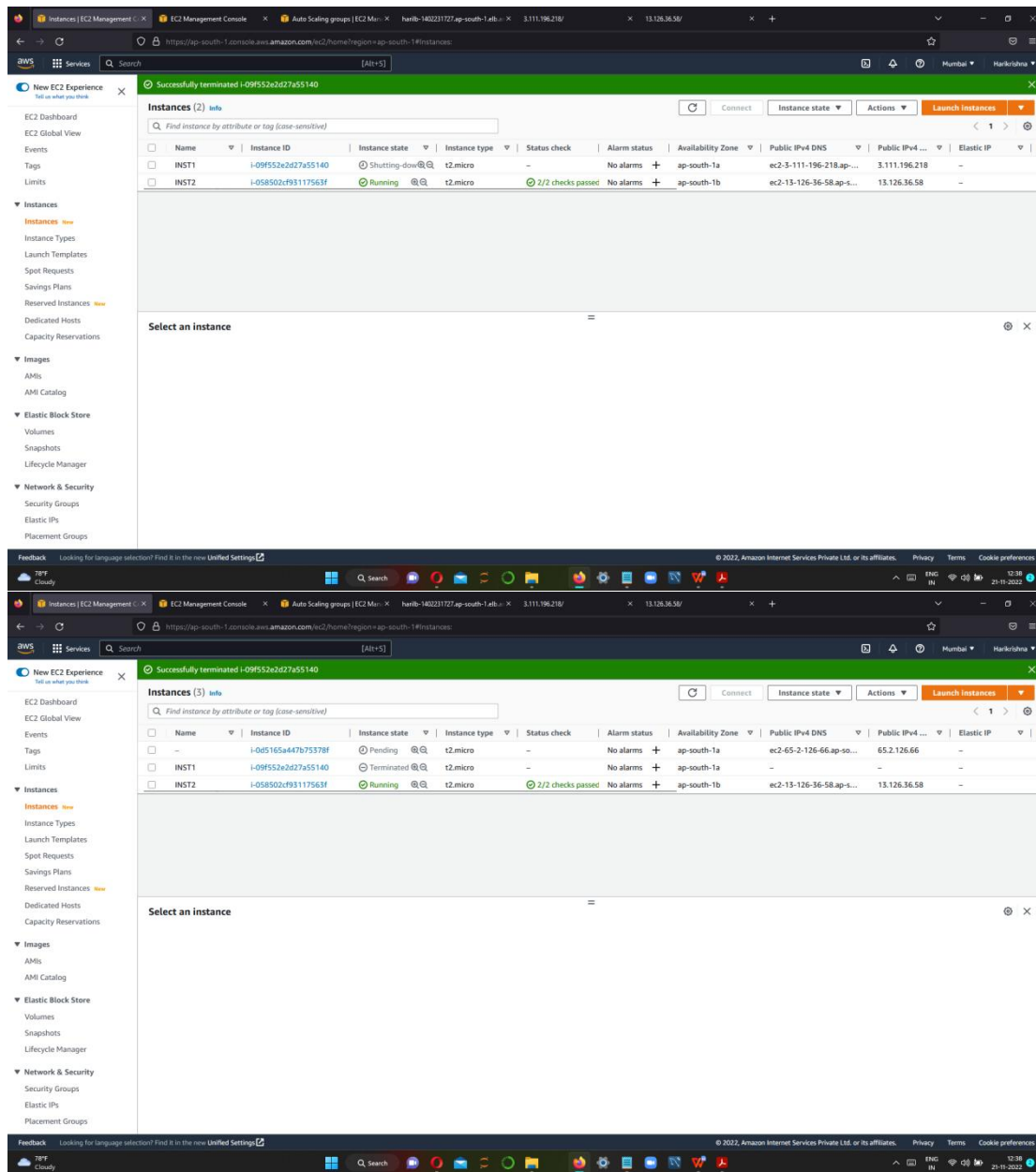
STEP 8 Click description and copy the DNS and hit in browser and check for the application.

The screenshot shows a web browser window. The address bar displays the URL 'http://harlb-1402231727-ap-south-1.elb.amazonaws.com'. The main content area of the browser shows a message that says 'Classic Load Balancer is Working.' The browser's taskbar at the bottom shows various application icons and the system clock indicating 13:34 on 21-11-2022.

STEP 9 Now we should check with the 2 VMs by using their Public Ip and hitting it in browser.



Step-10: Two VMs are created and when they are deleted successfully there will be a new VM will be created because of the minimum capacity we kept.



AFTER DELETING THE INSTANCE ANOTHER NEW INSTANCE IS CREATED.