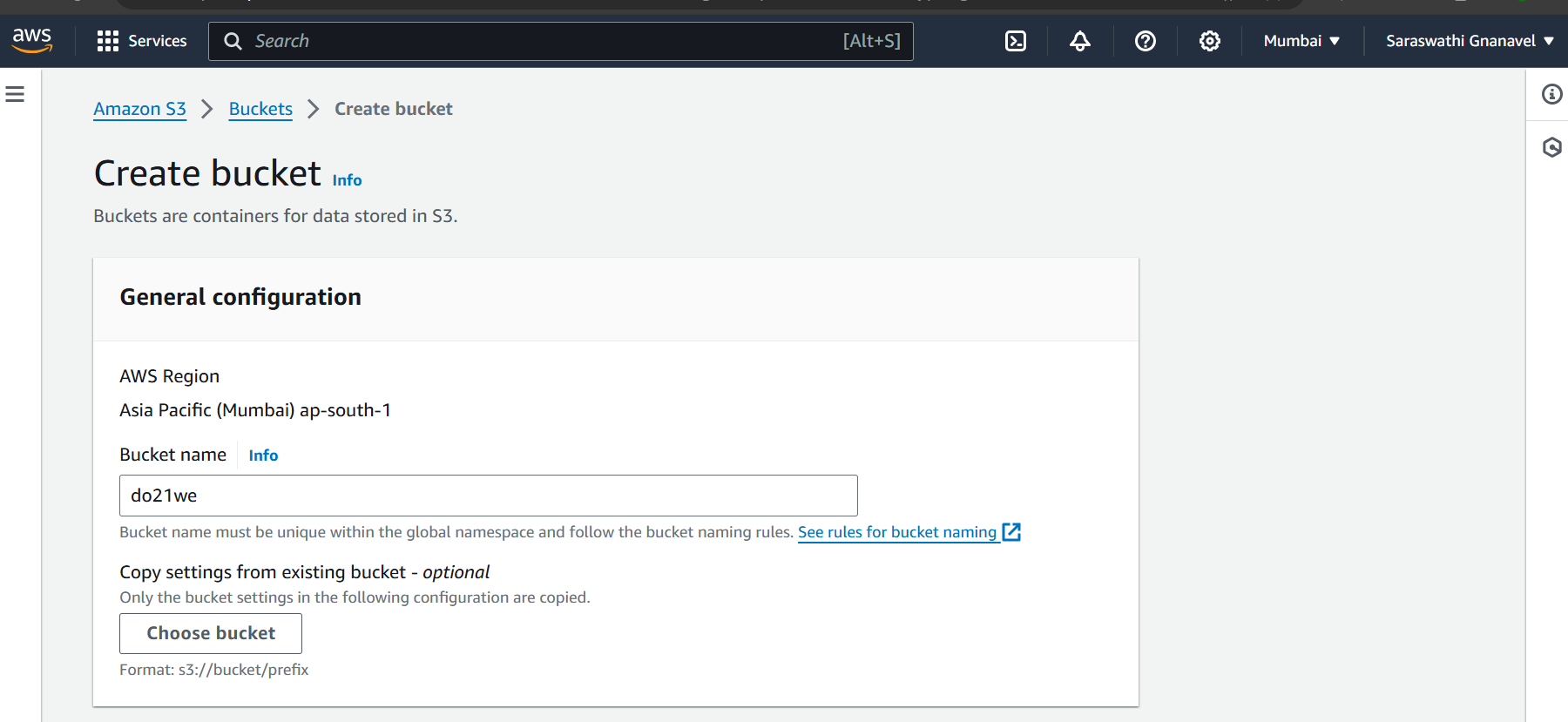
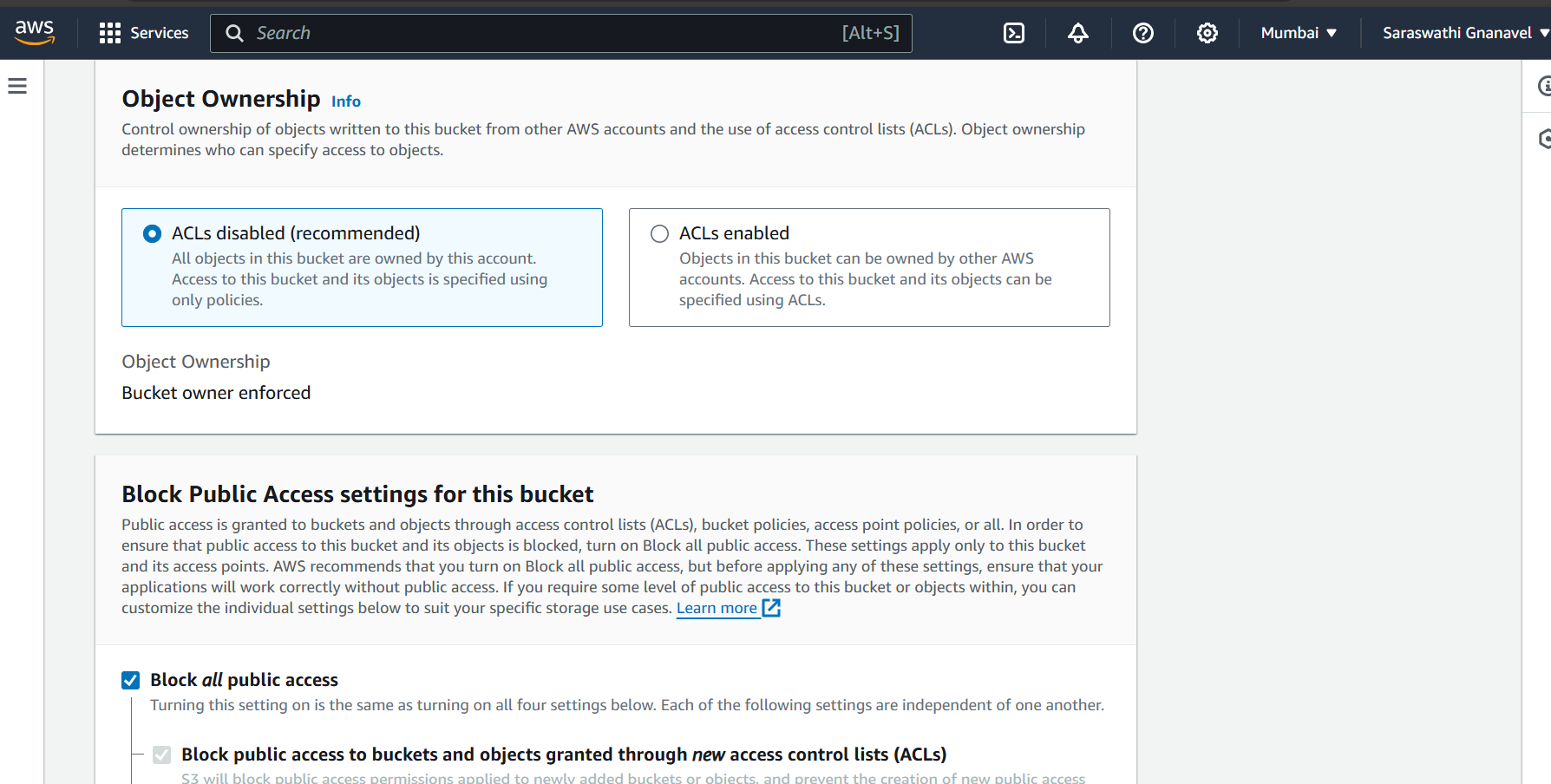
Create a S3 bucket, with no public access and upload files to the bucket & view the logs for the uploaded files. Launch two ec2-instances and connect it to a application load balancer, where the output traffic from the server must be an load balancer IP address.

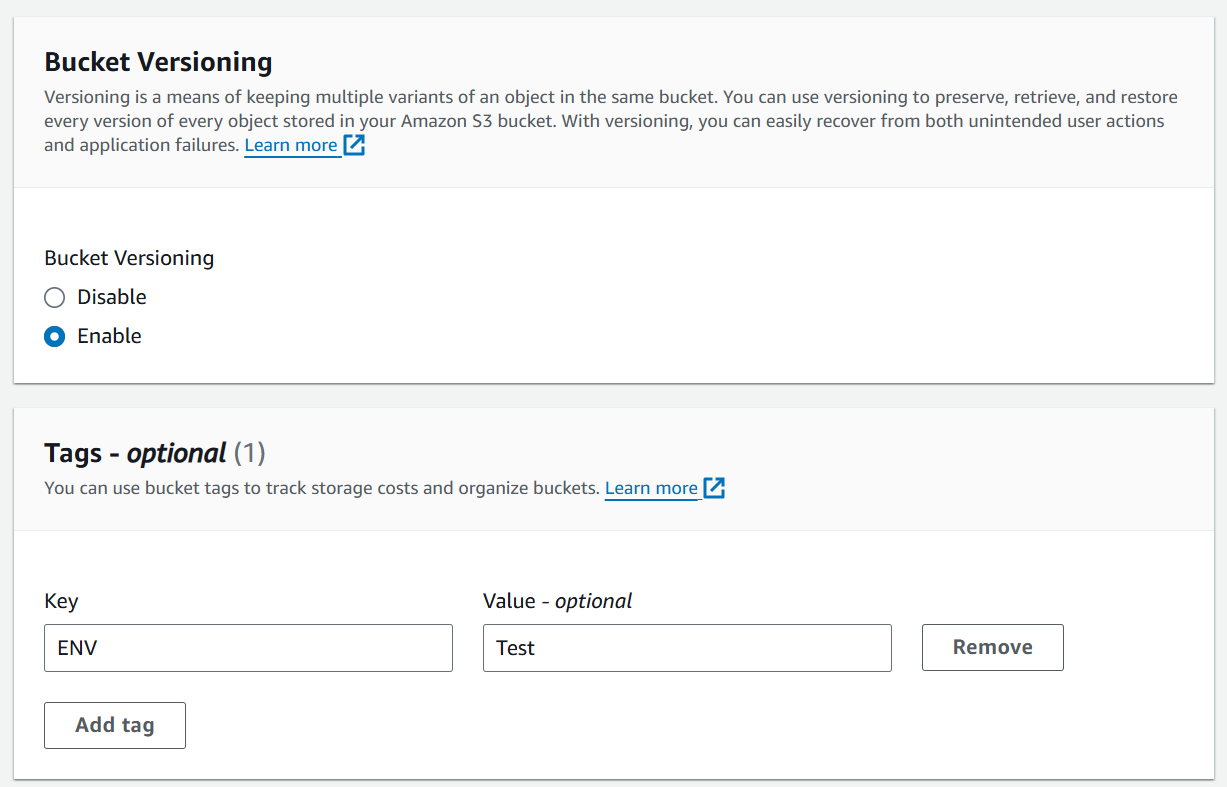
**Solution:-**

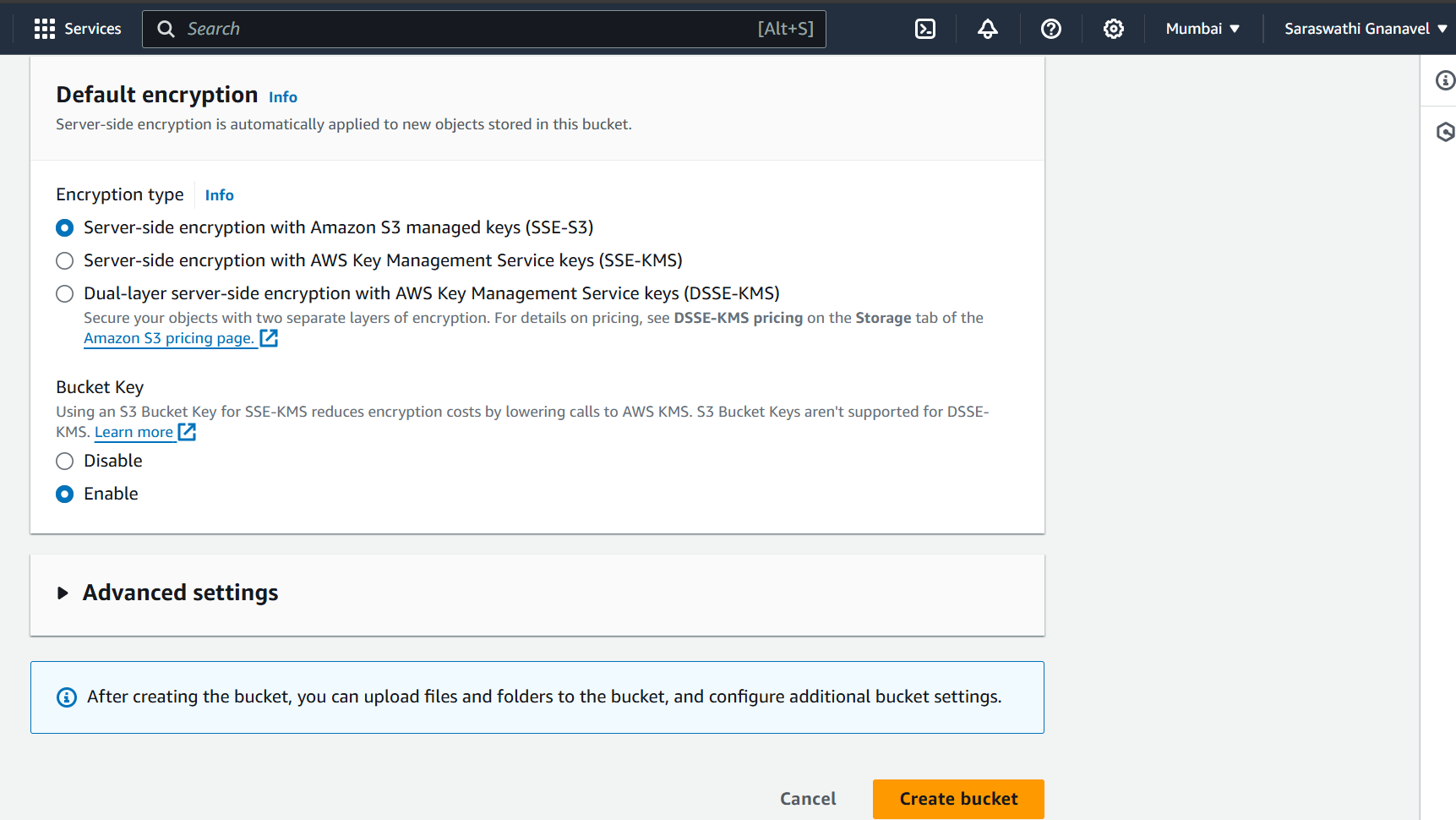
Creating a S3 bucket, Bucket name is “do21we”



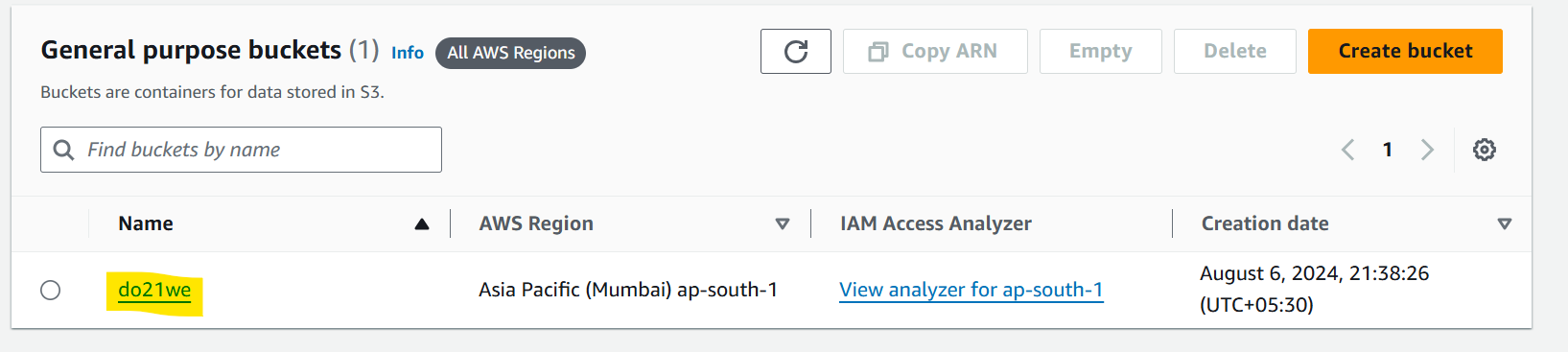
No pubic access has been given



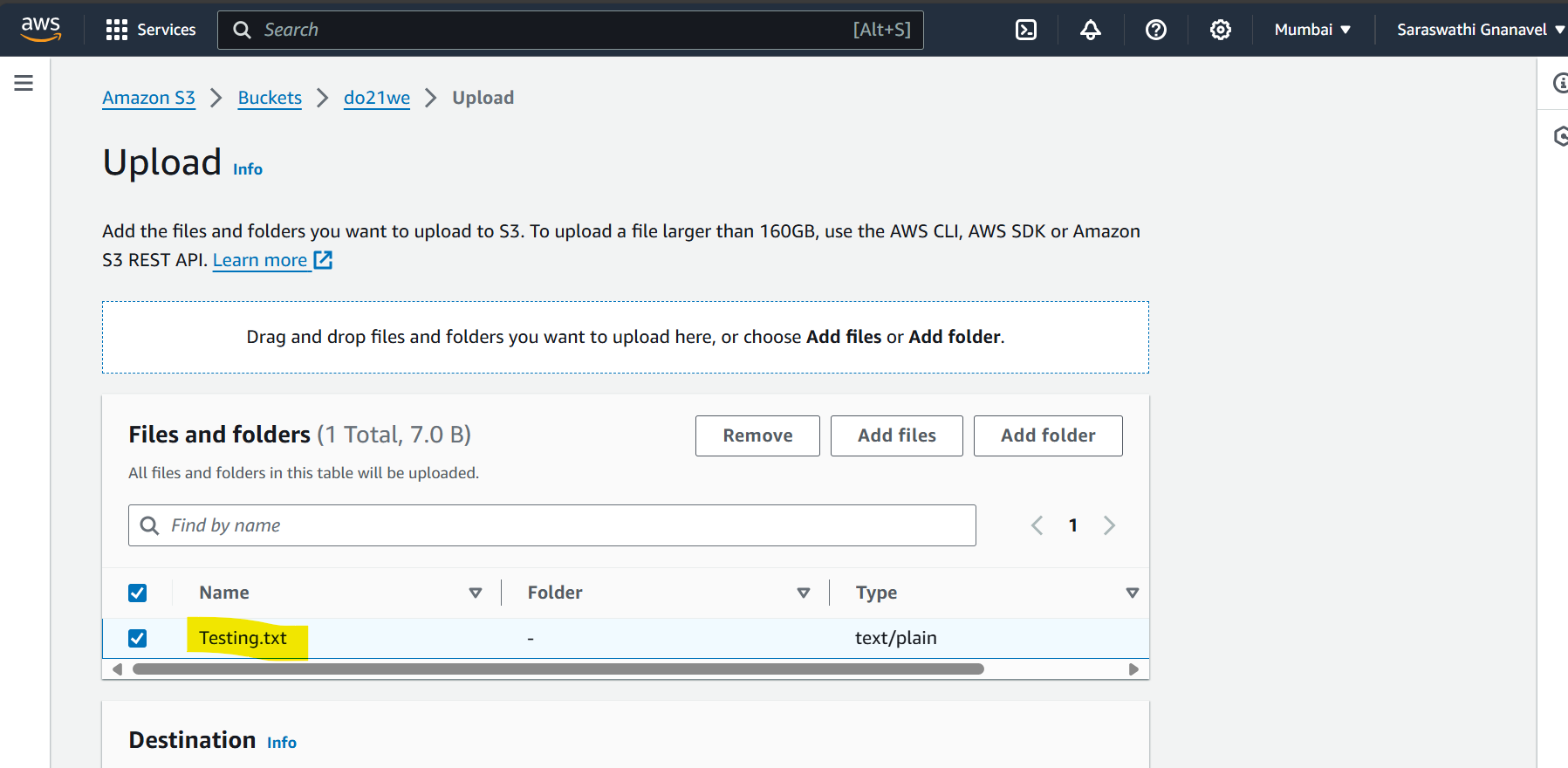


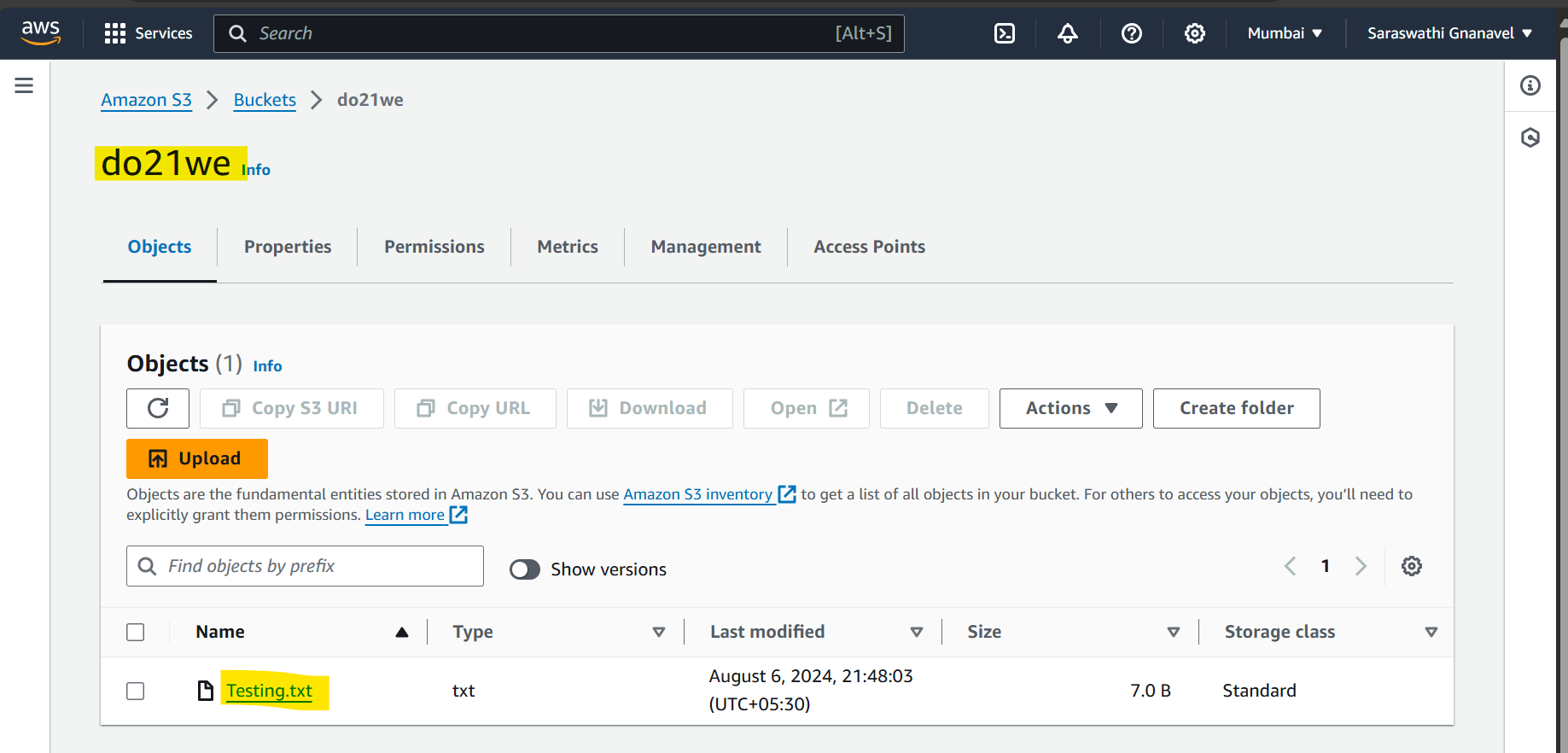


Bucket has been created

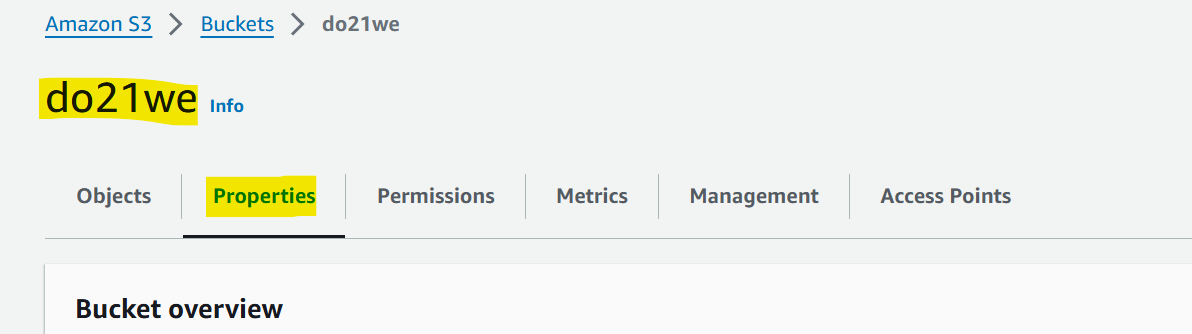


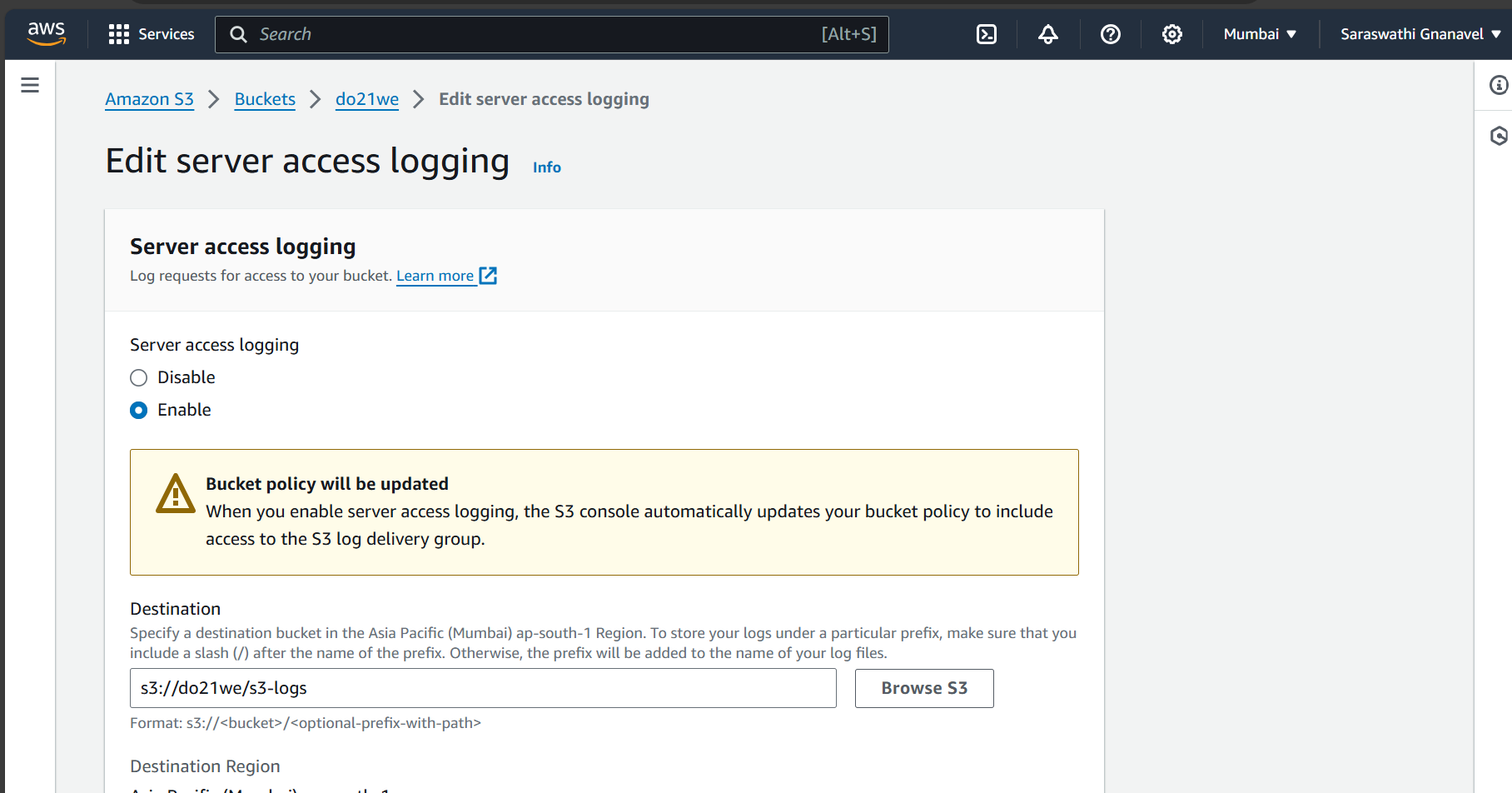
Upload Testing.txt file to the bucket

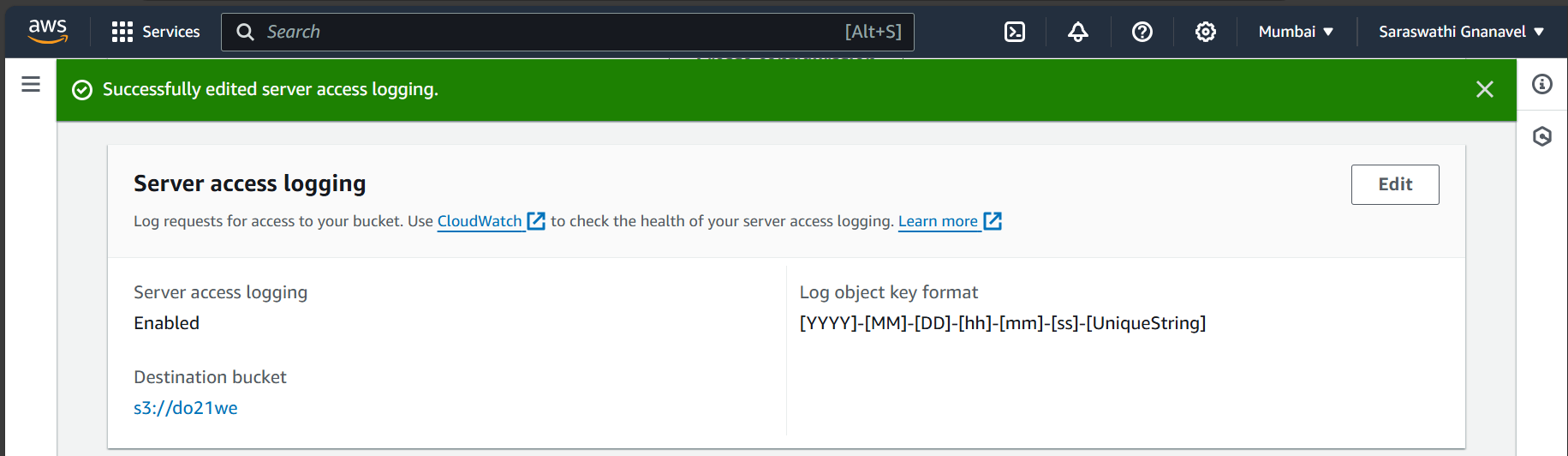




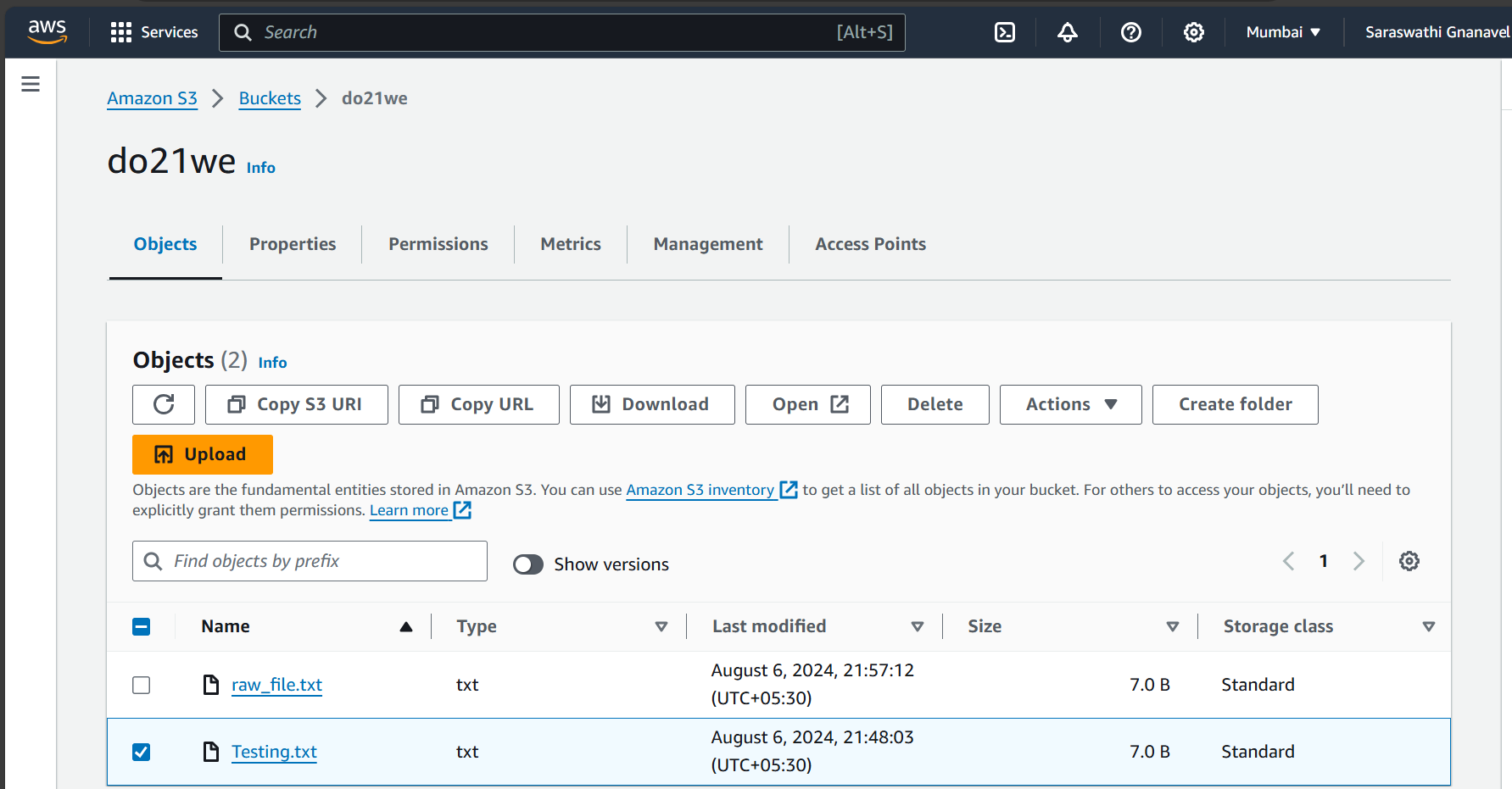
Enabling access logs



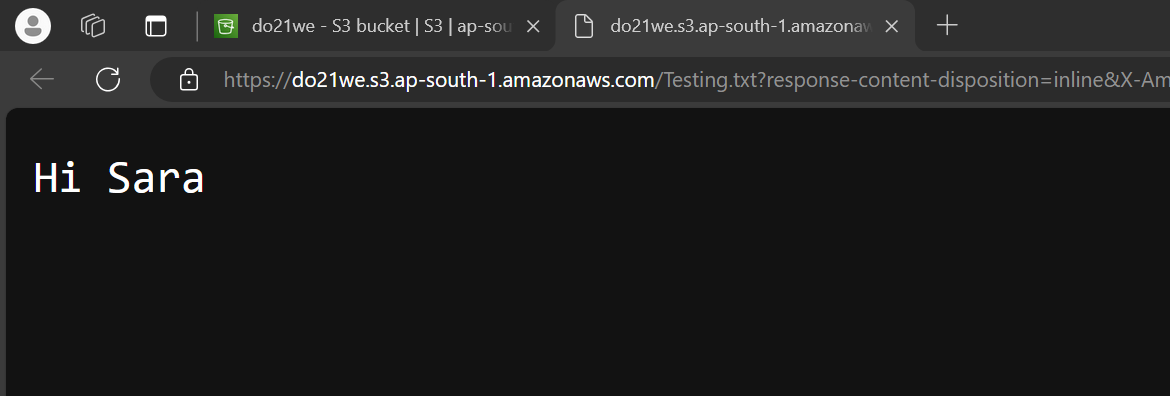




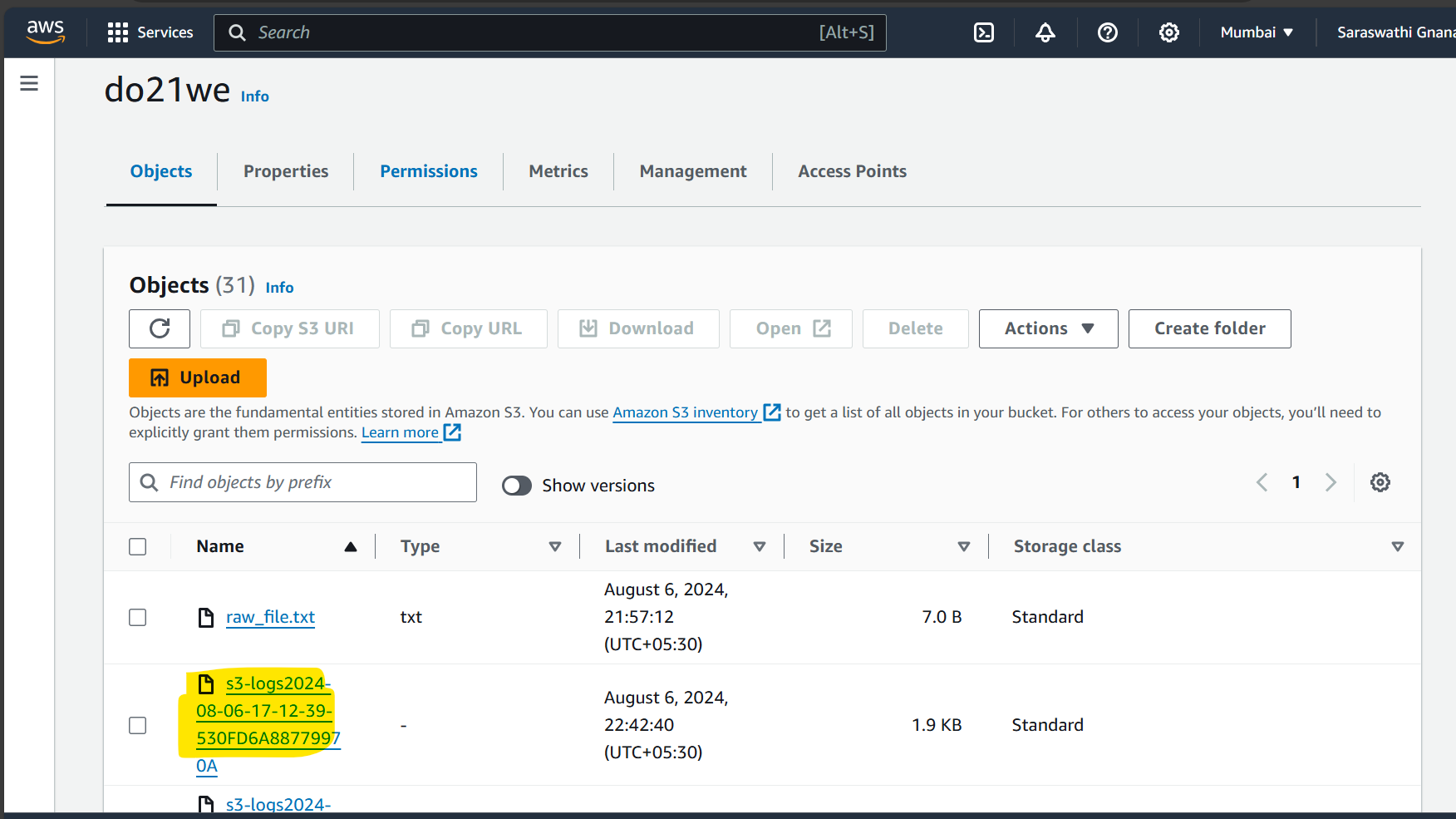
Viewing uploaded files

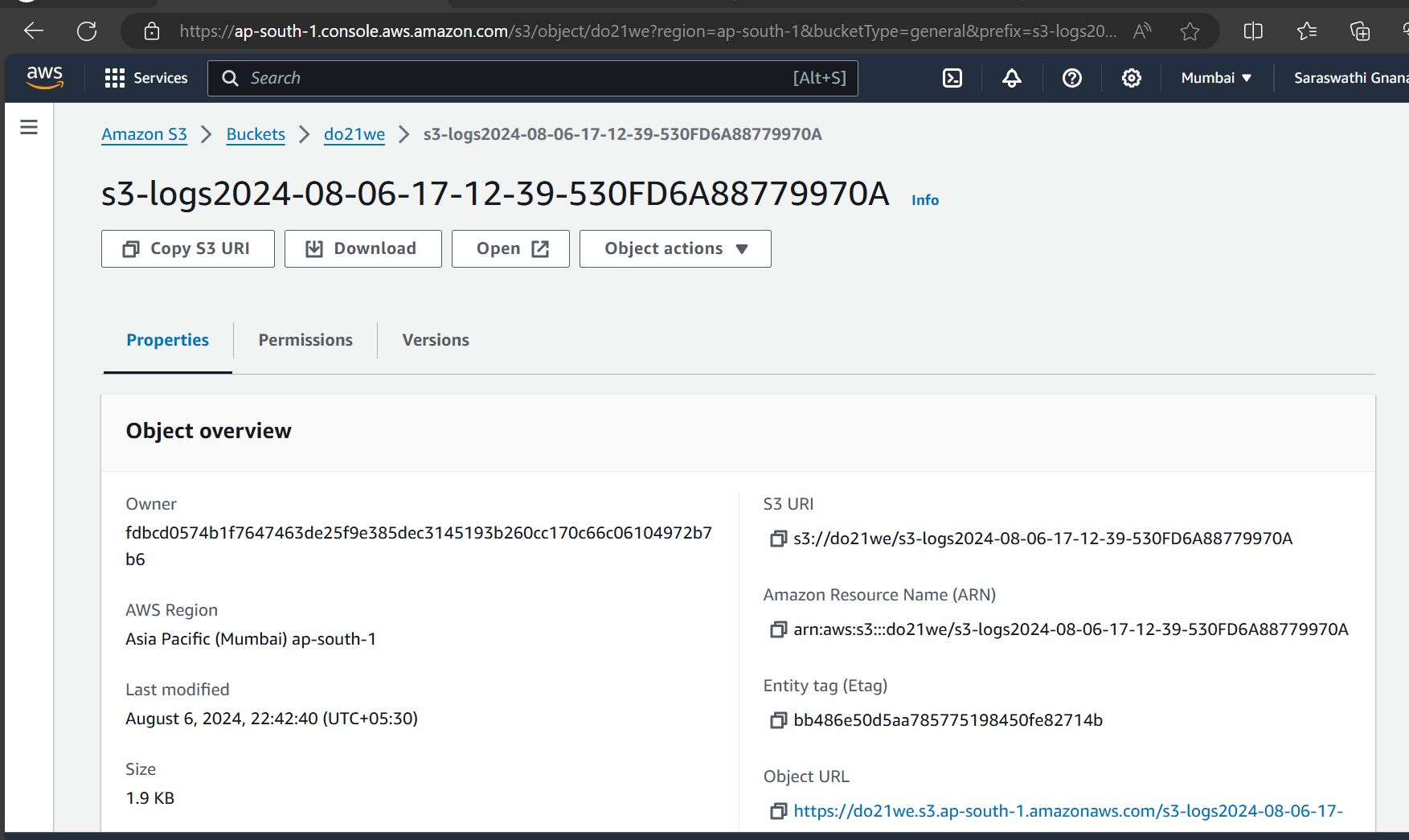


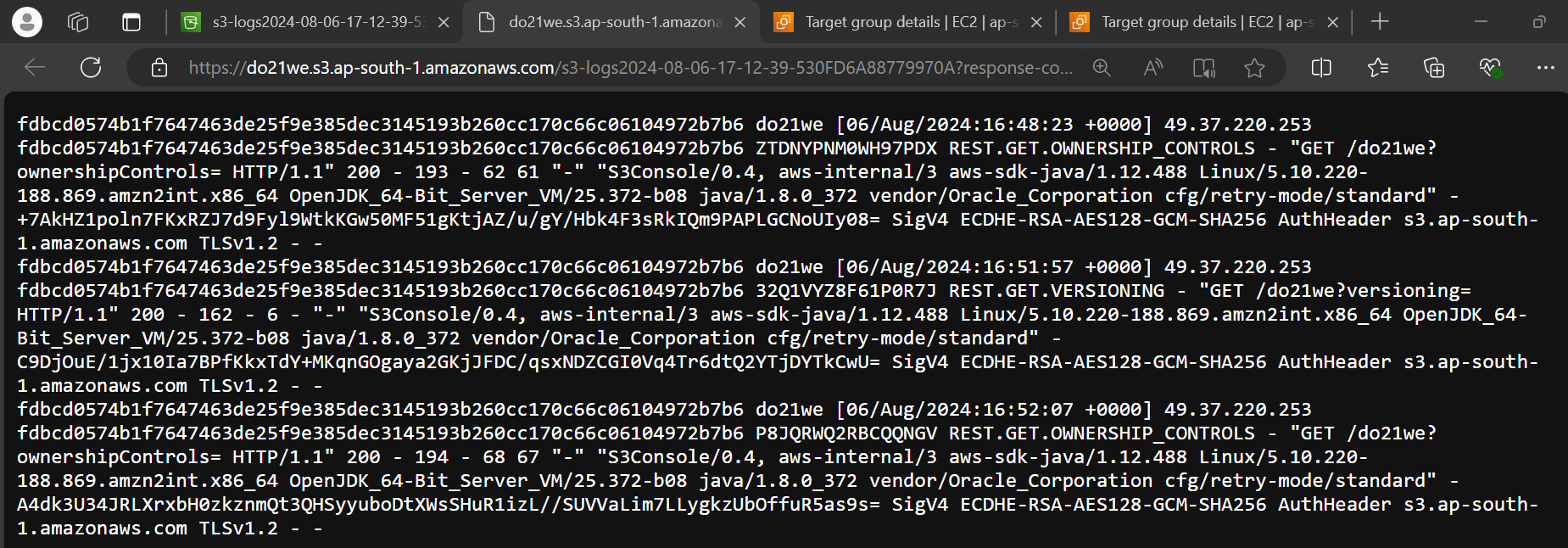
Contents present in my Testing.txt file



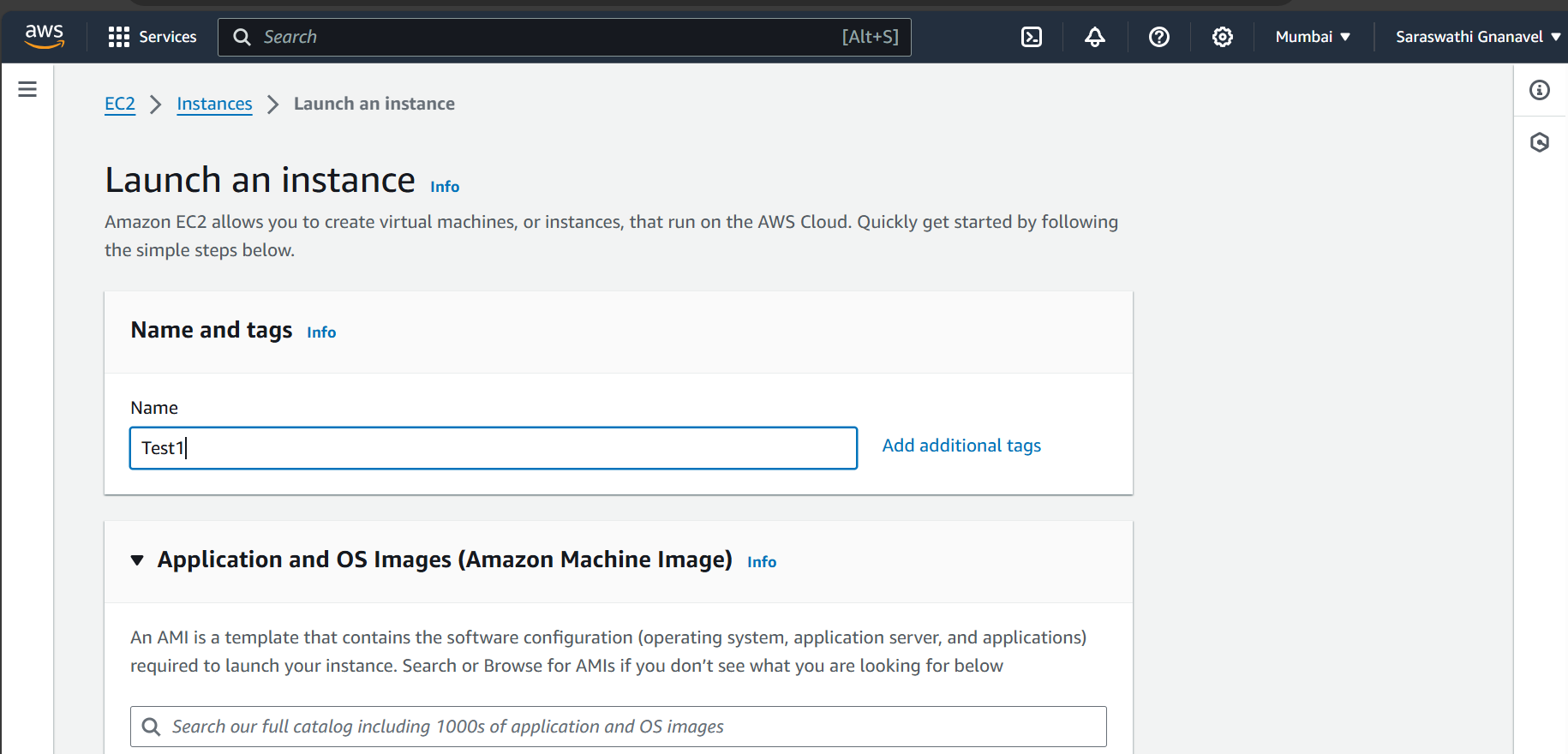
You can able to find the log file as s3-logs

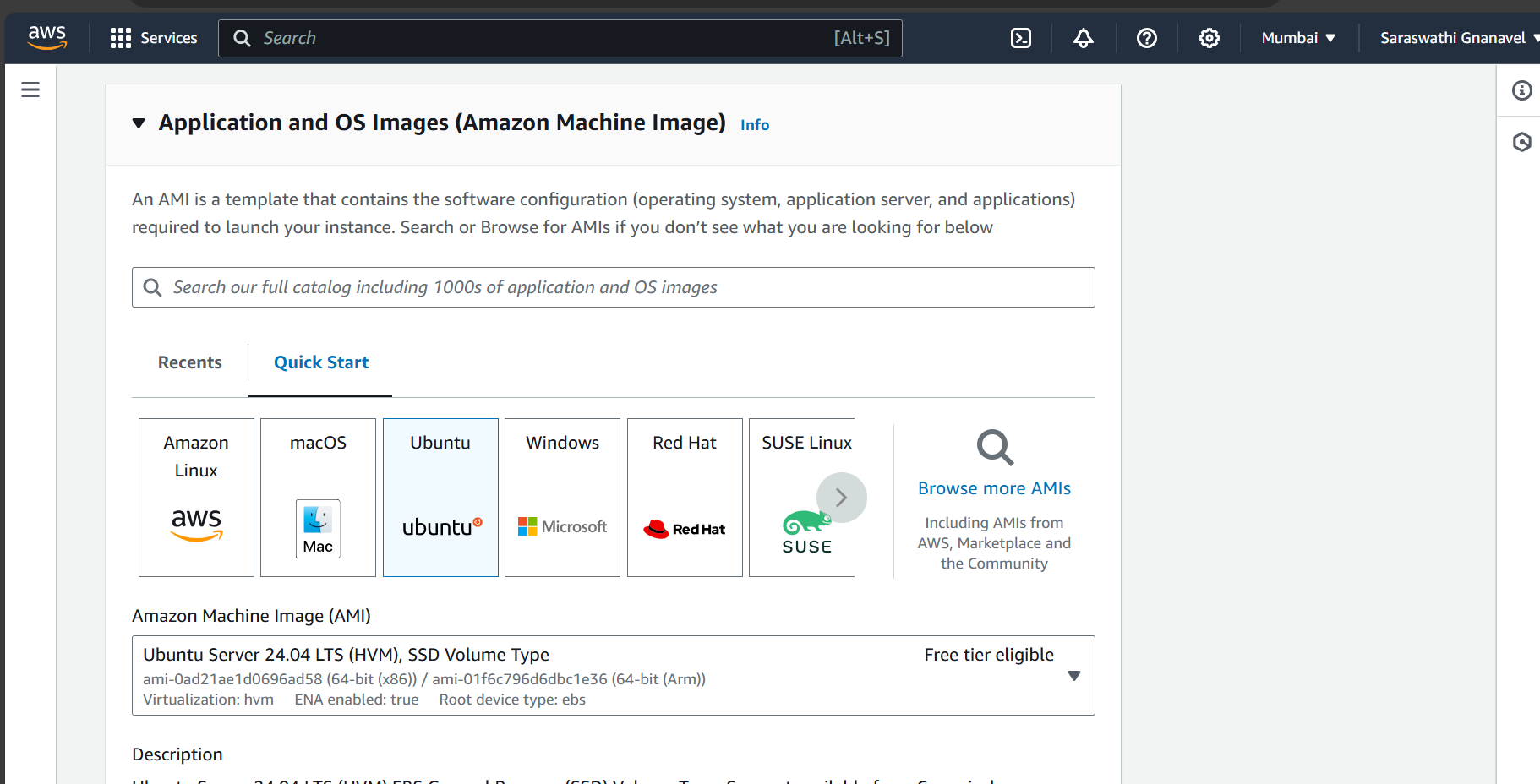


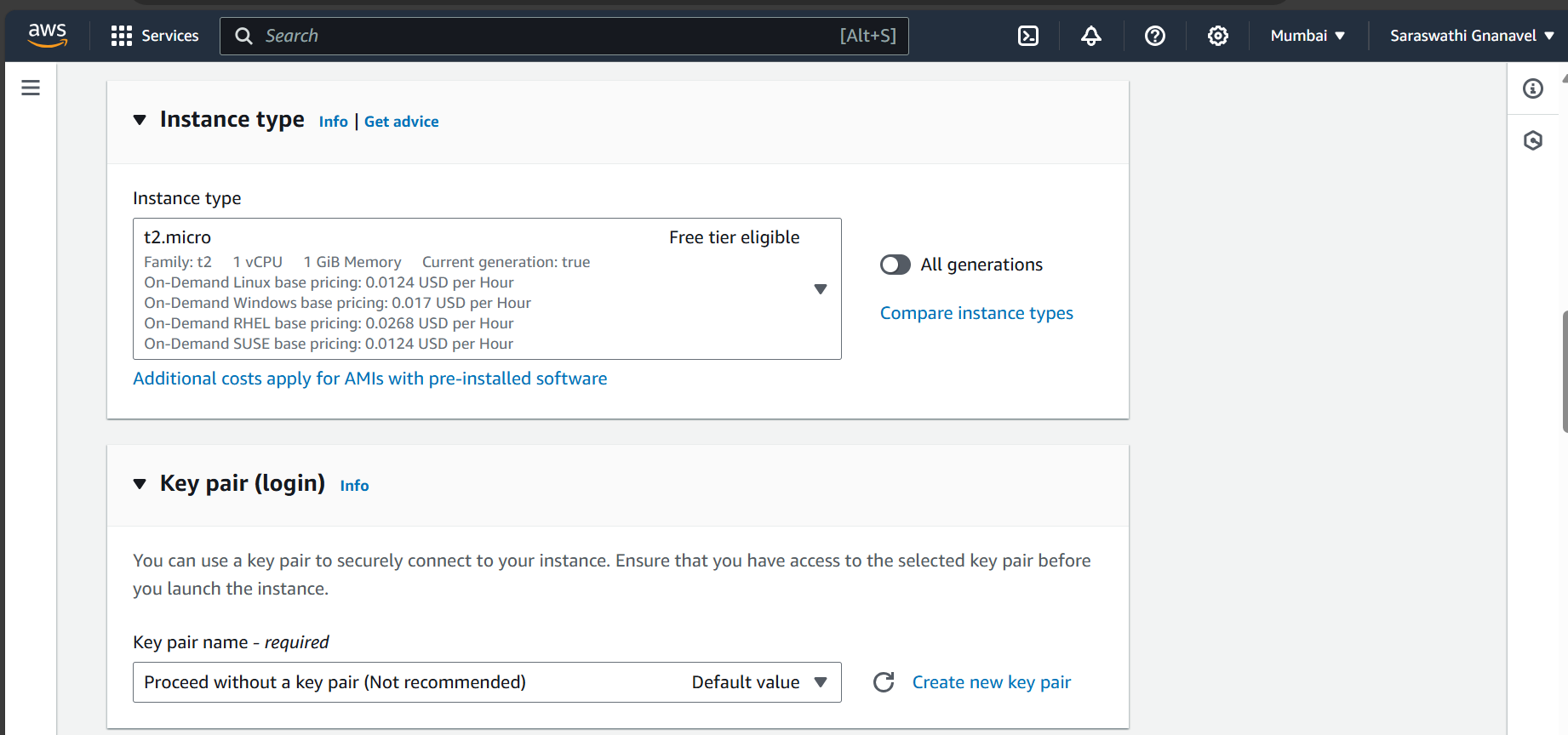




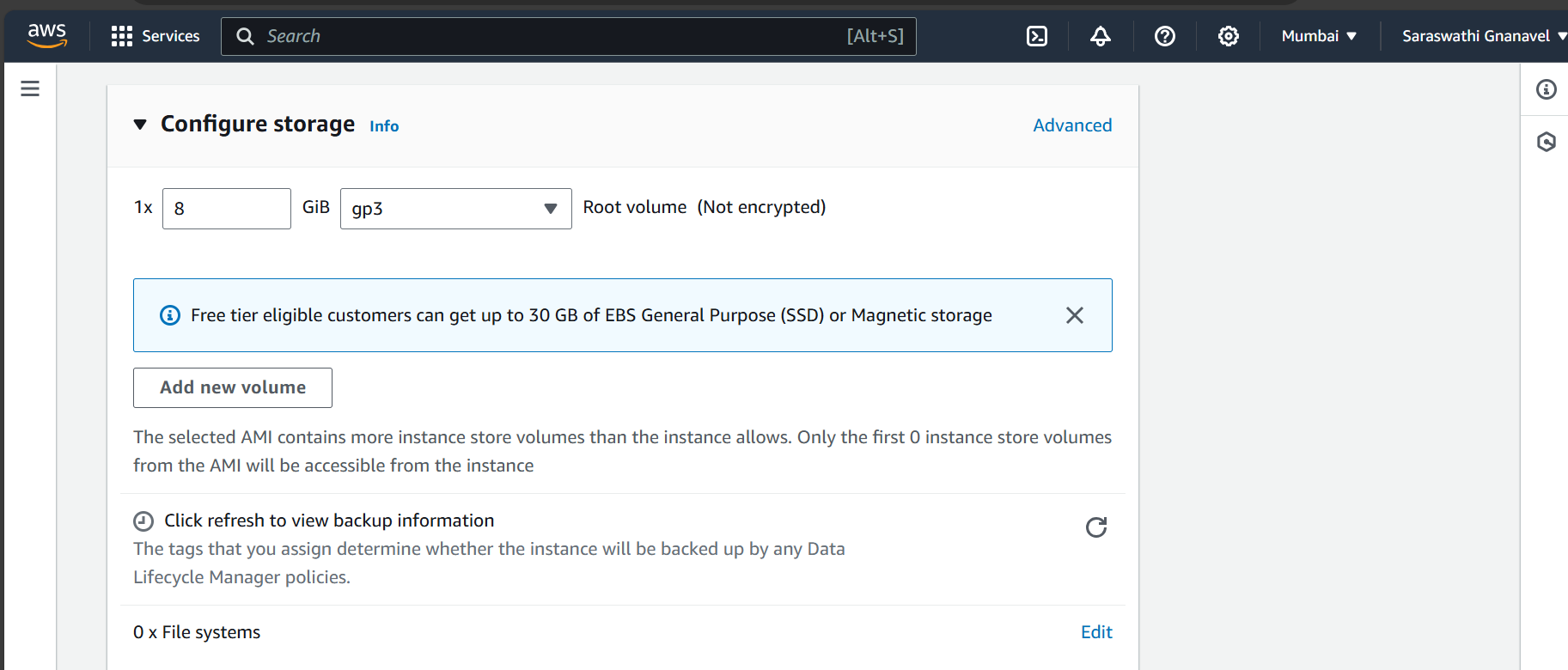
Launch two ec2-instances(Instance 1 🡪 Test1 & Instance 2 -> Test2)



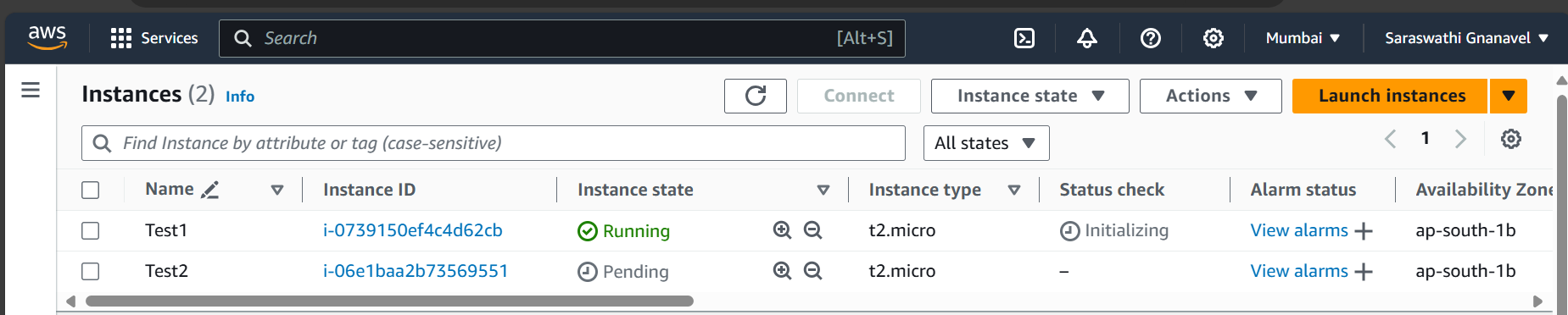






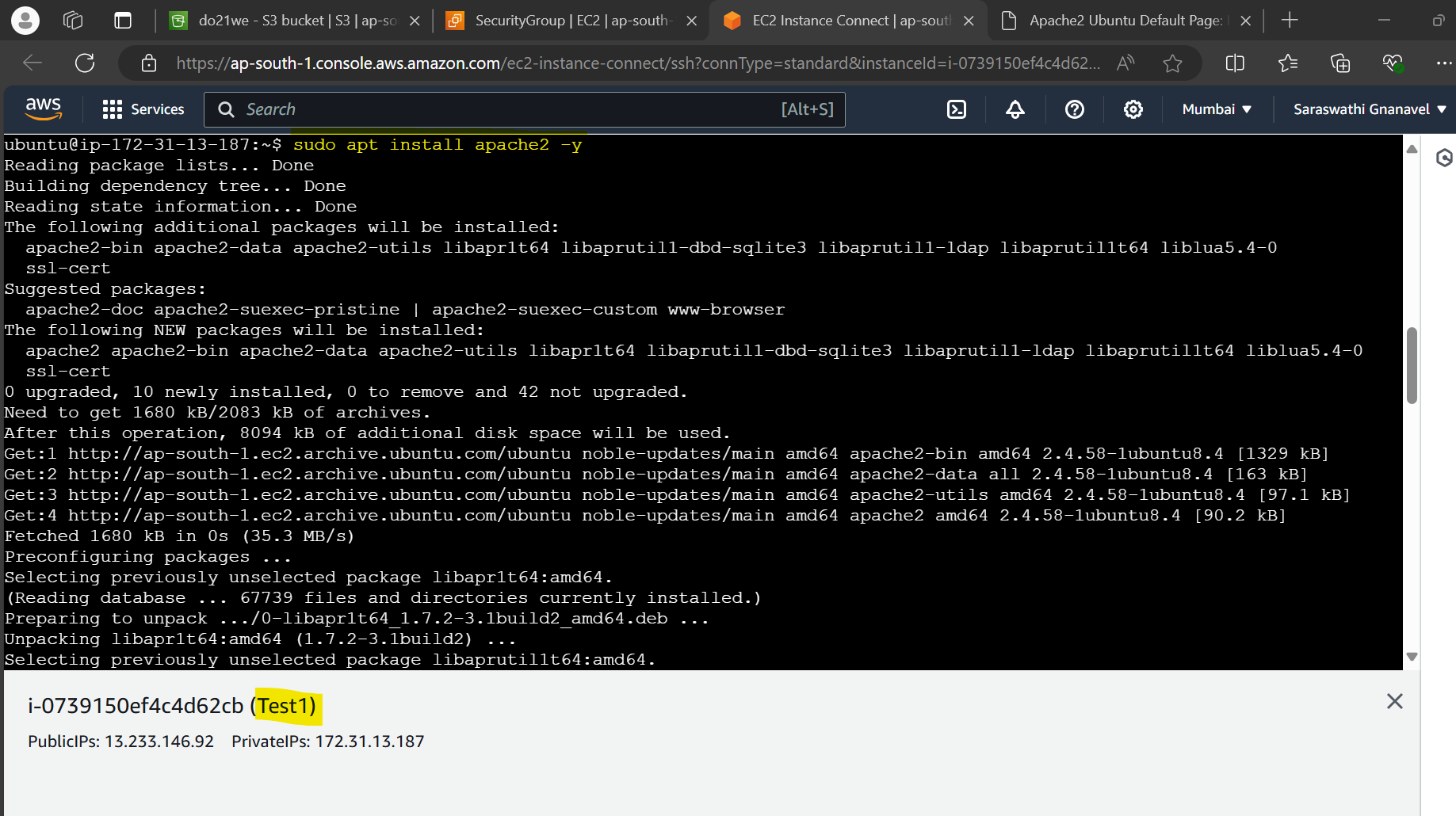


Repeat the above steps to create Instance 2 -> Test2

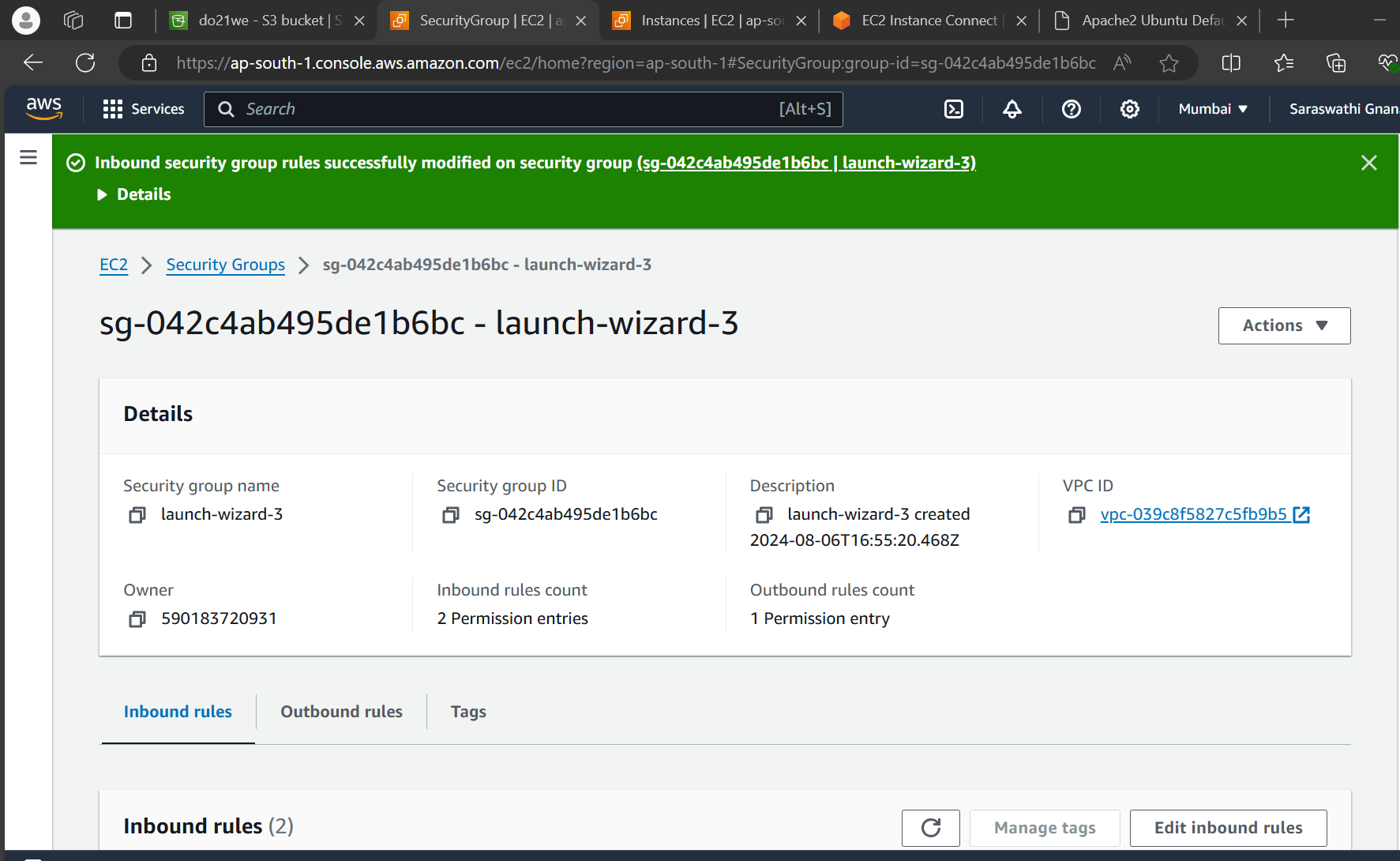


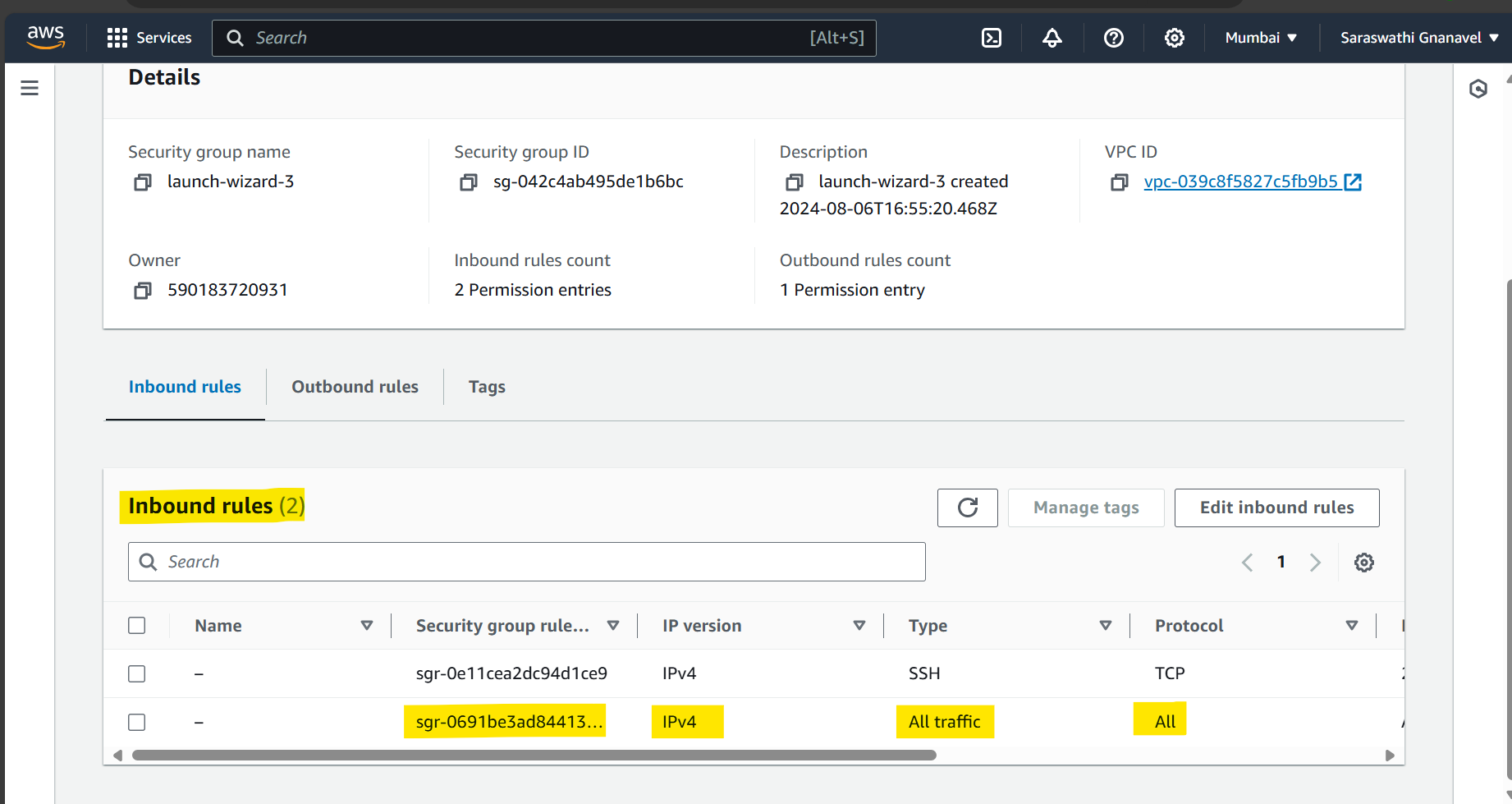
Installing web servers in both the Instances(Test1 & Test2)

Installed apache2 in Test1

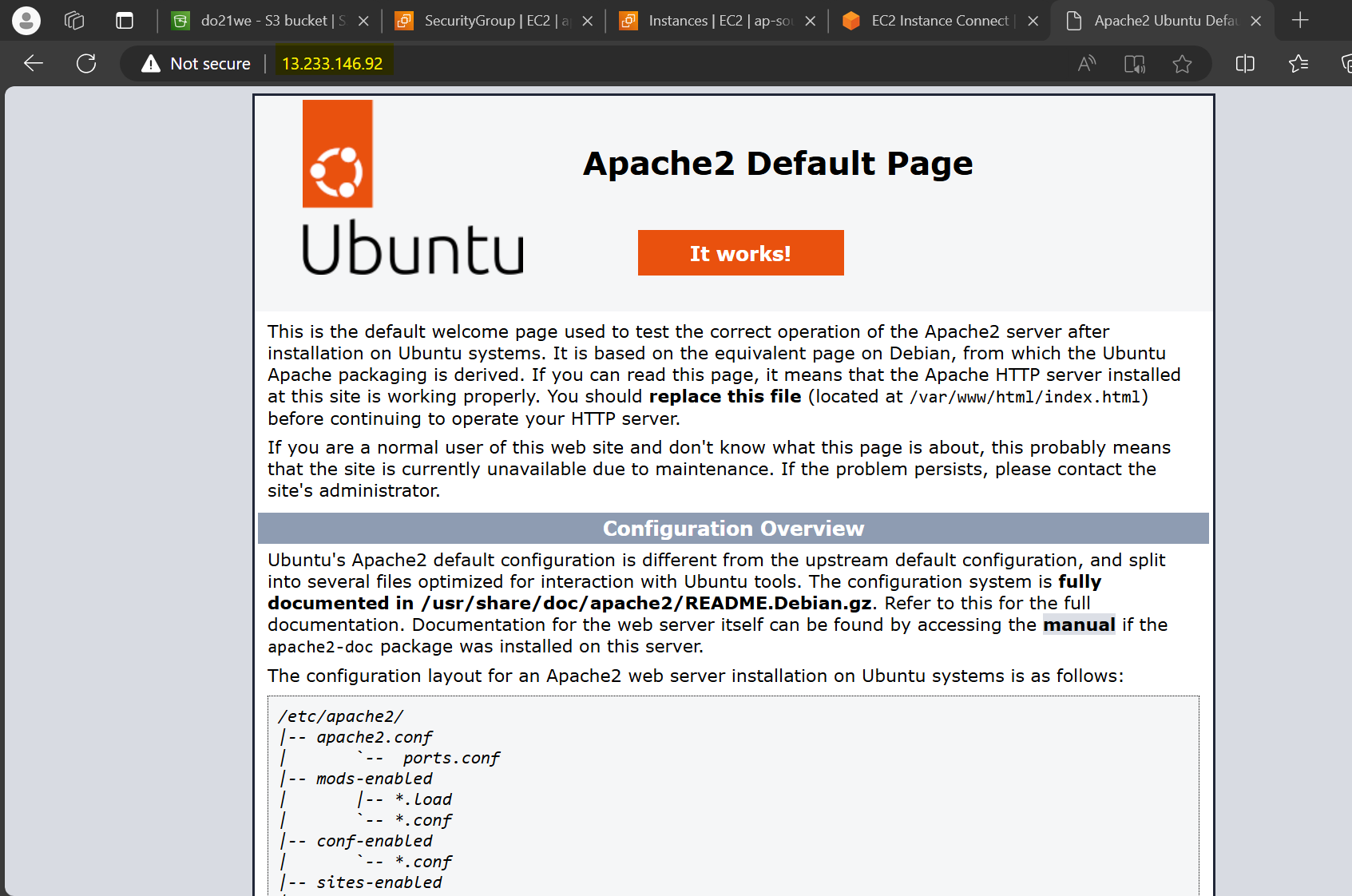


Updated its security group to run apache2 web server

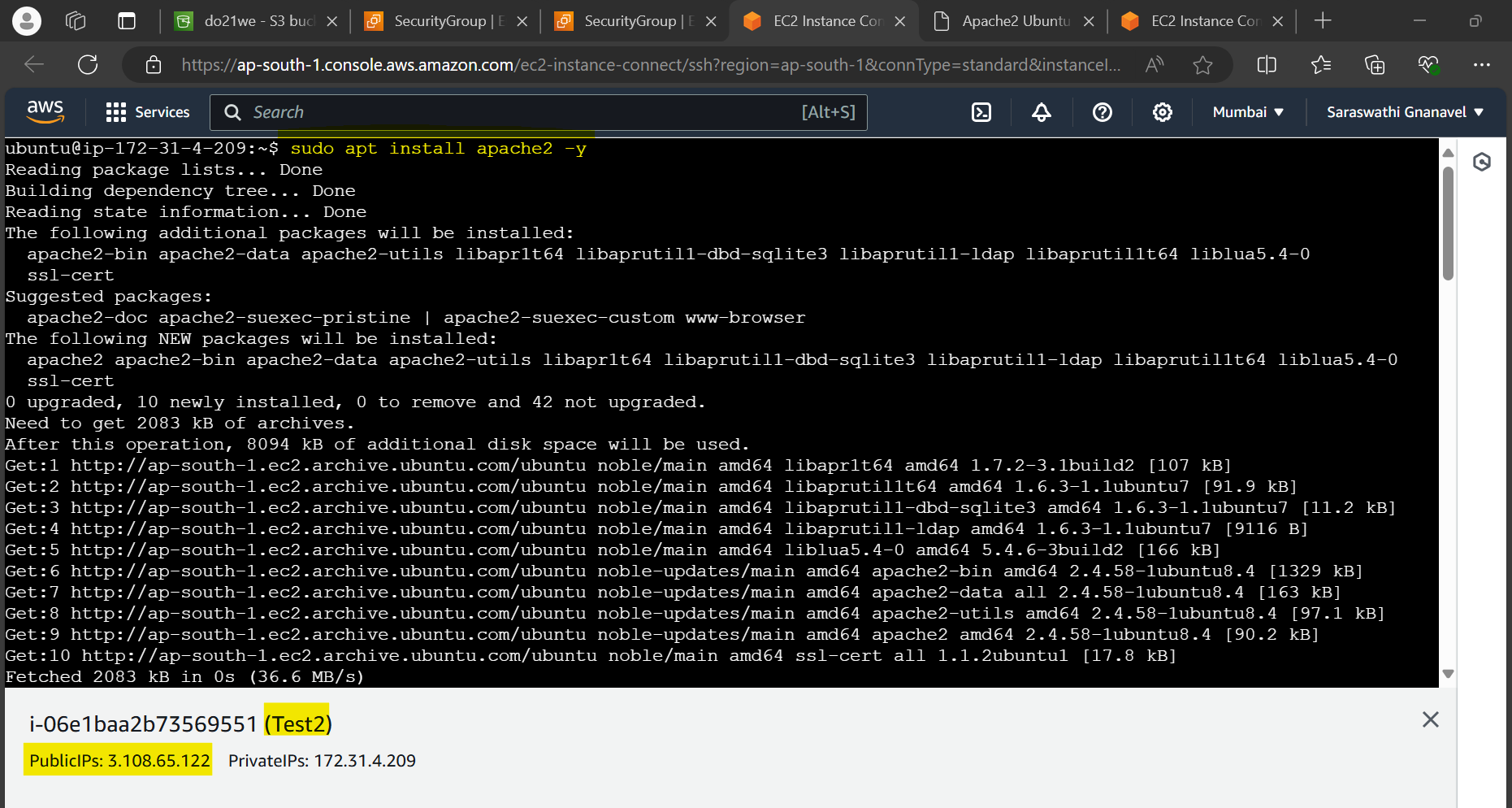




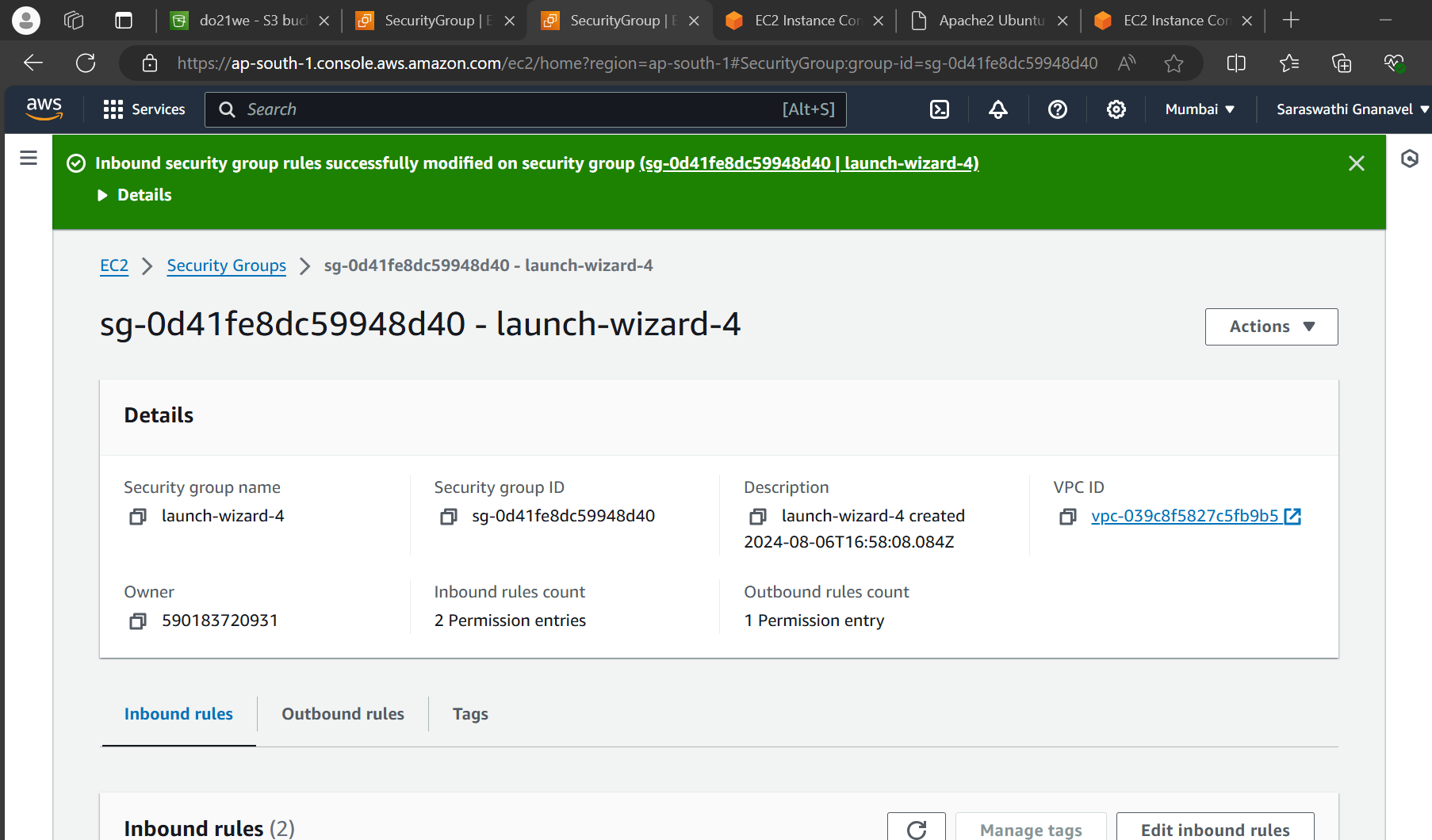
Apache2 web server is running using public Ip of Test1 instance for now

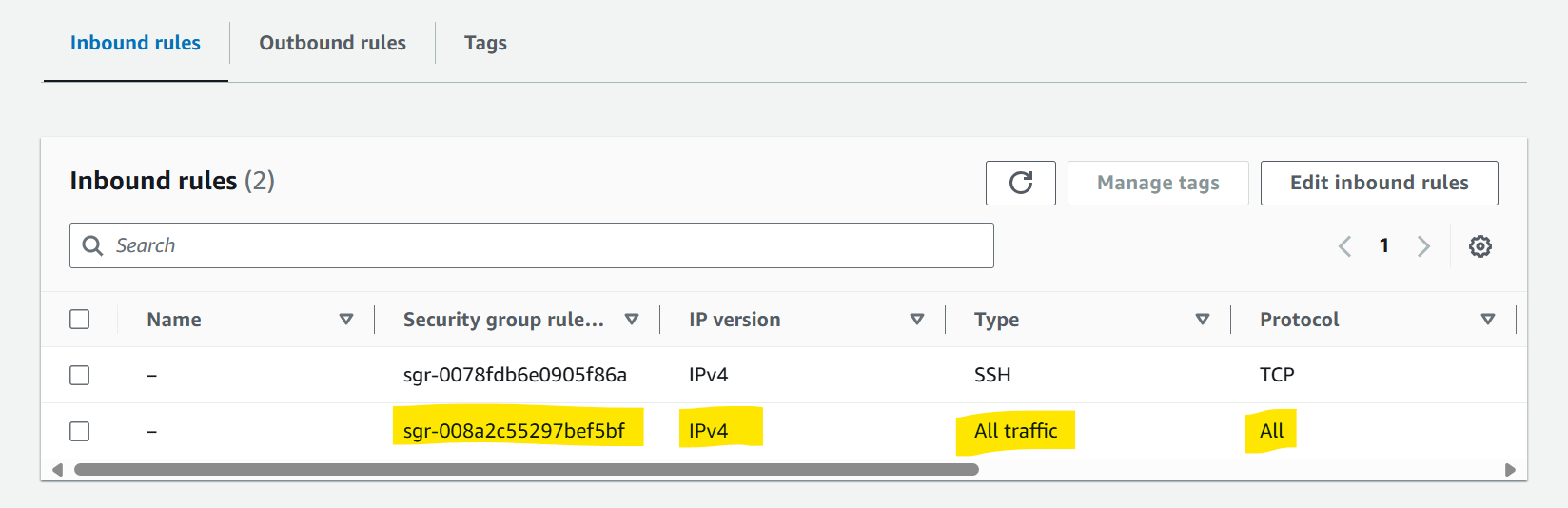


Installing apache2 in Test2 instance as well by performing the above steps

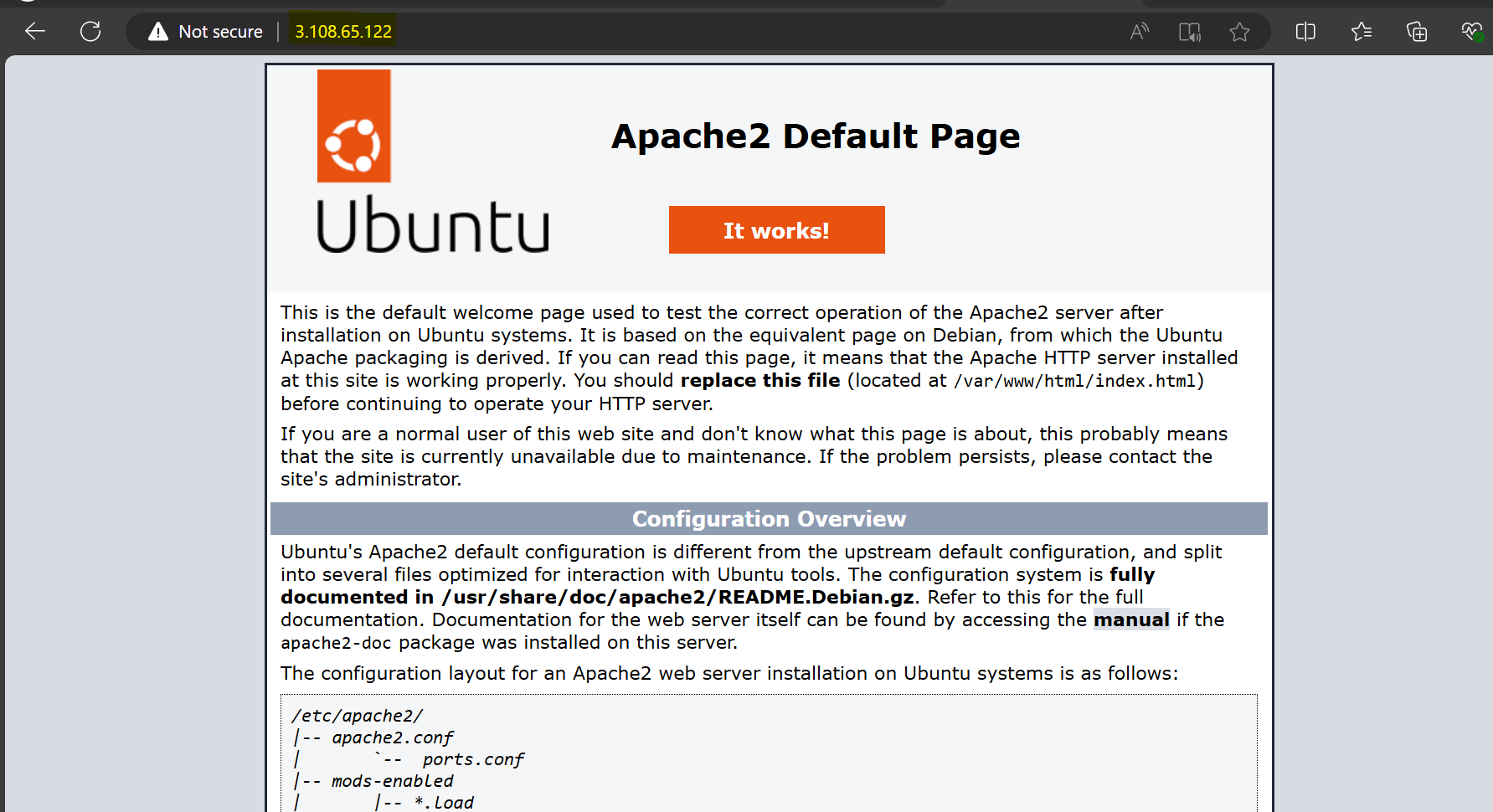


Add inbound rules at security group of Test2 instance

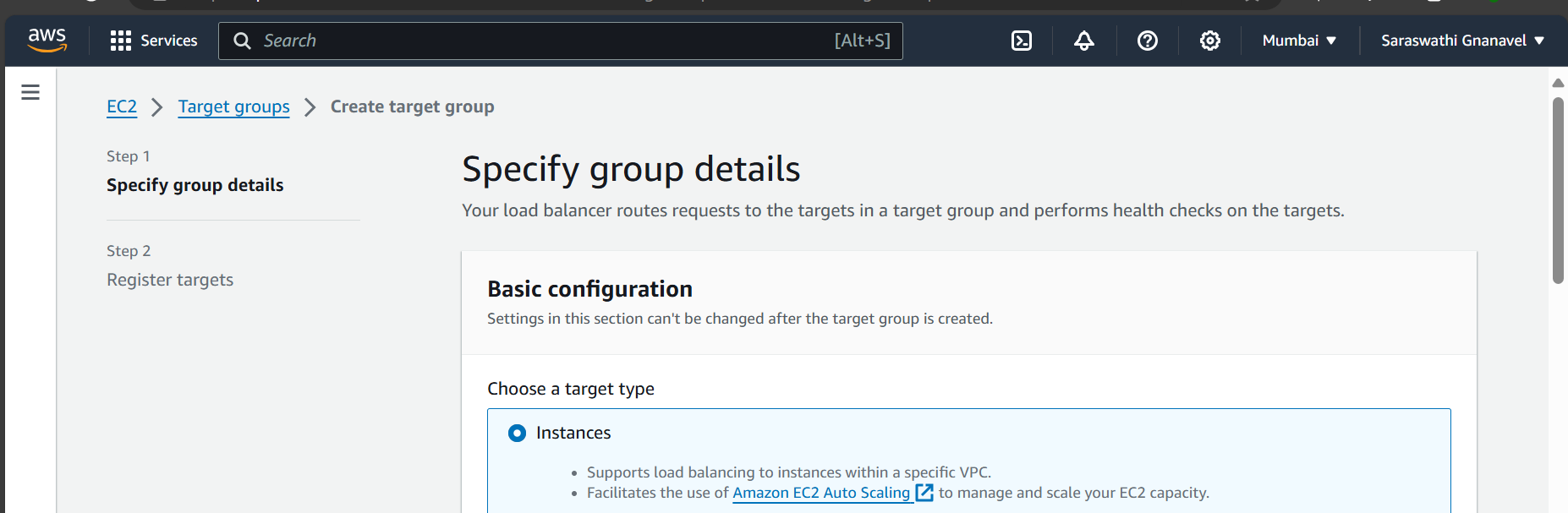


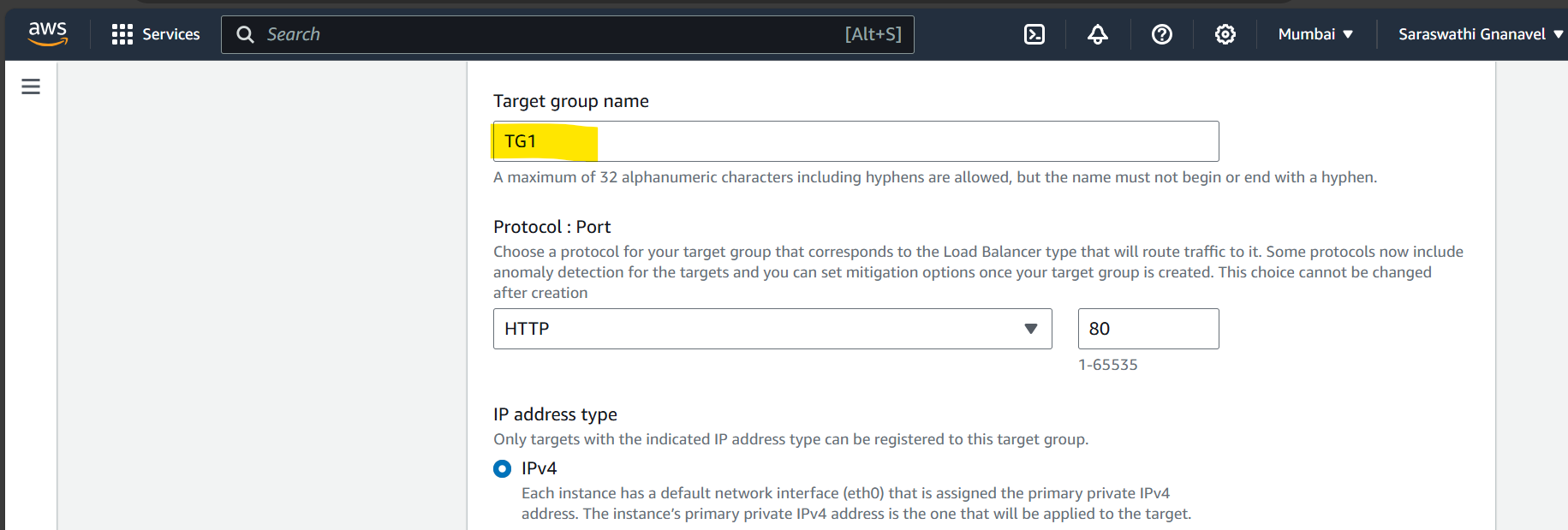


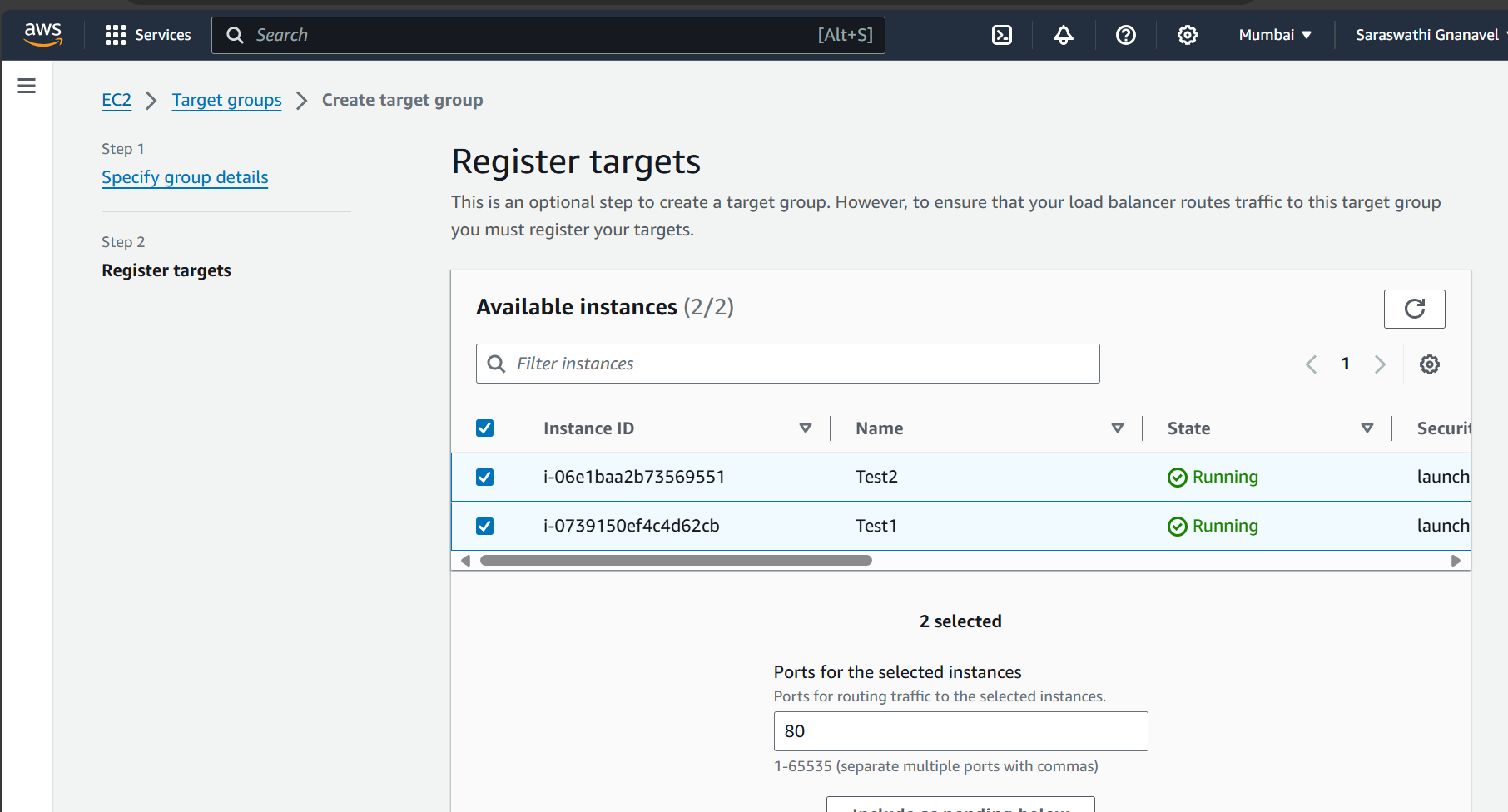
Apache2 web server is running using public Ip of Test2 instance for now

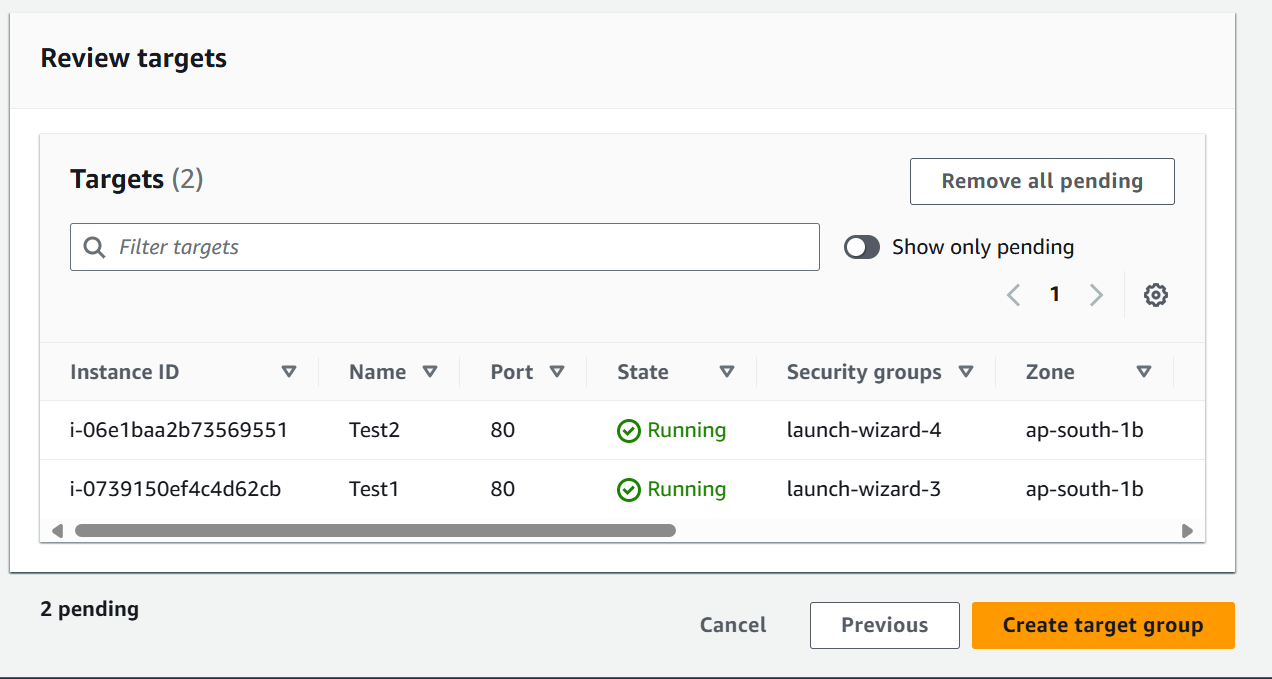


Creating Target group(Target group name -> TG1)

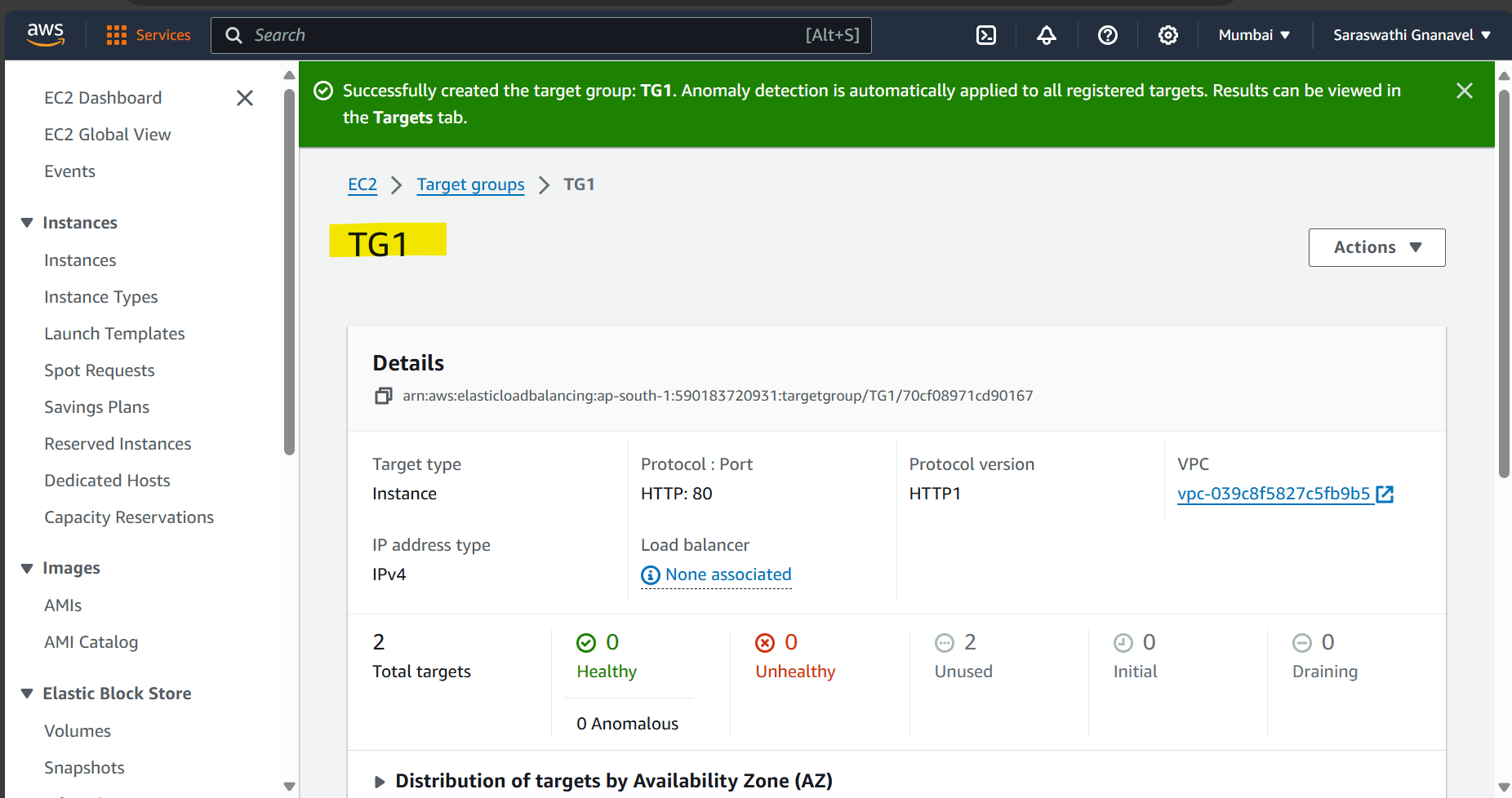




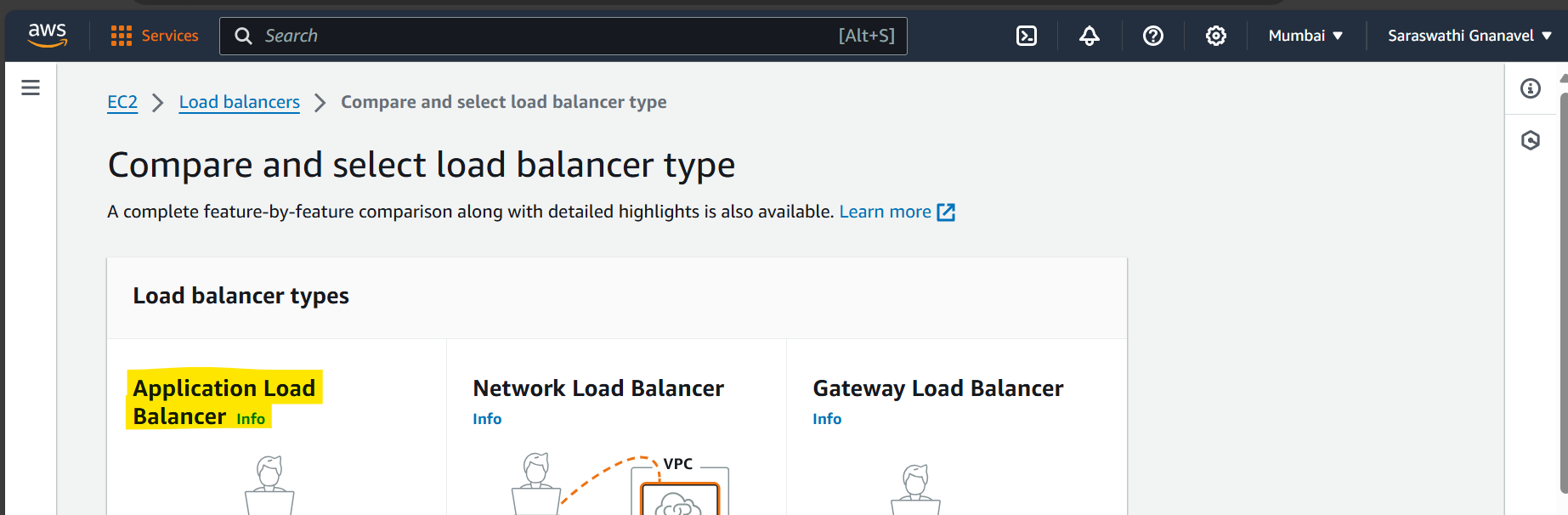


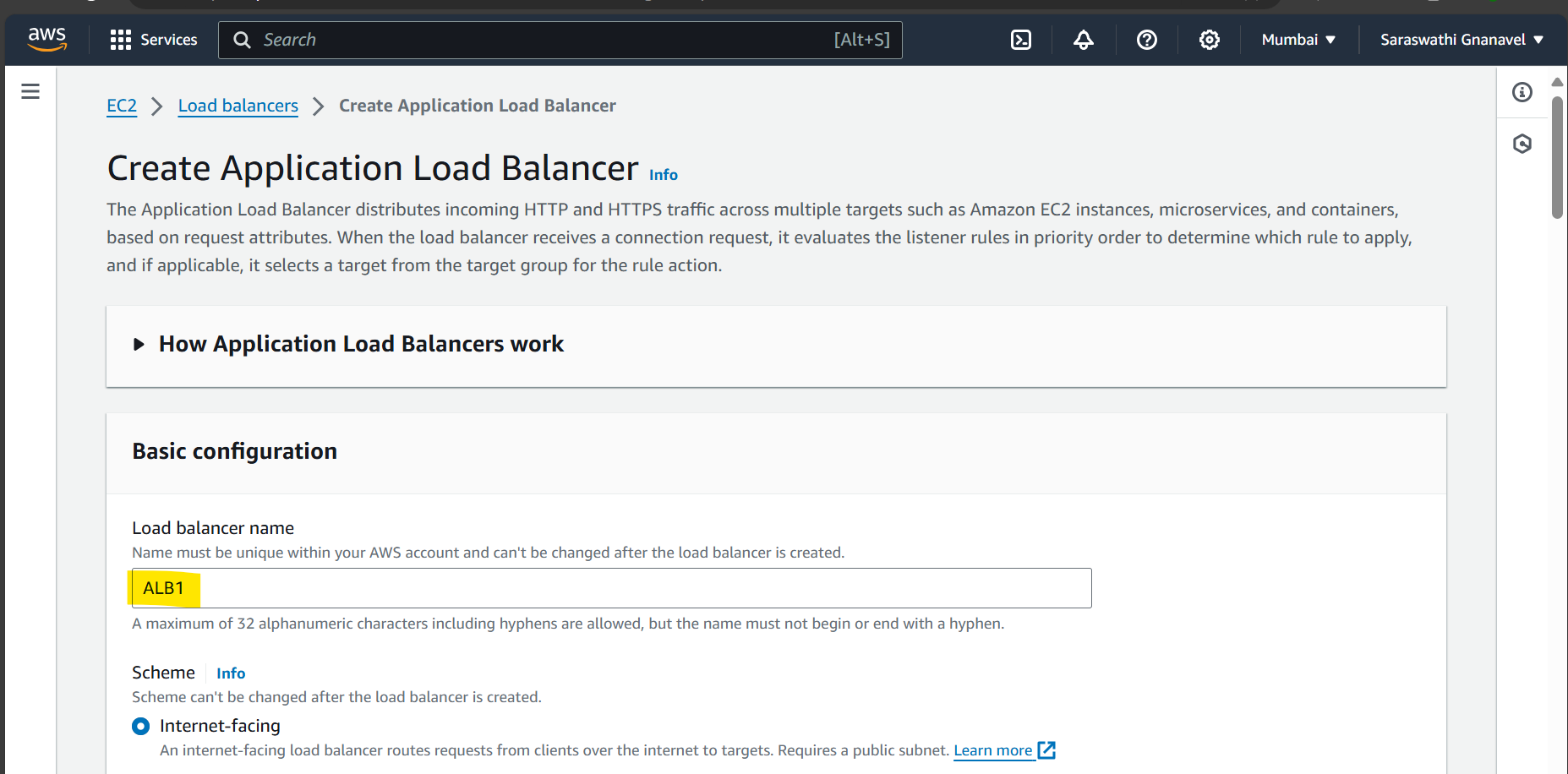


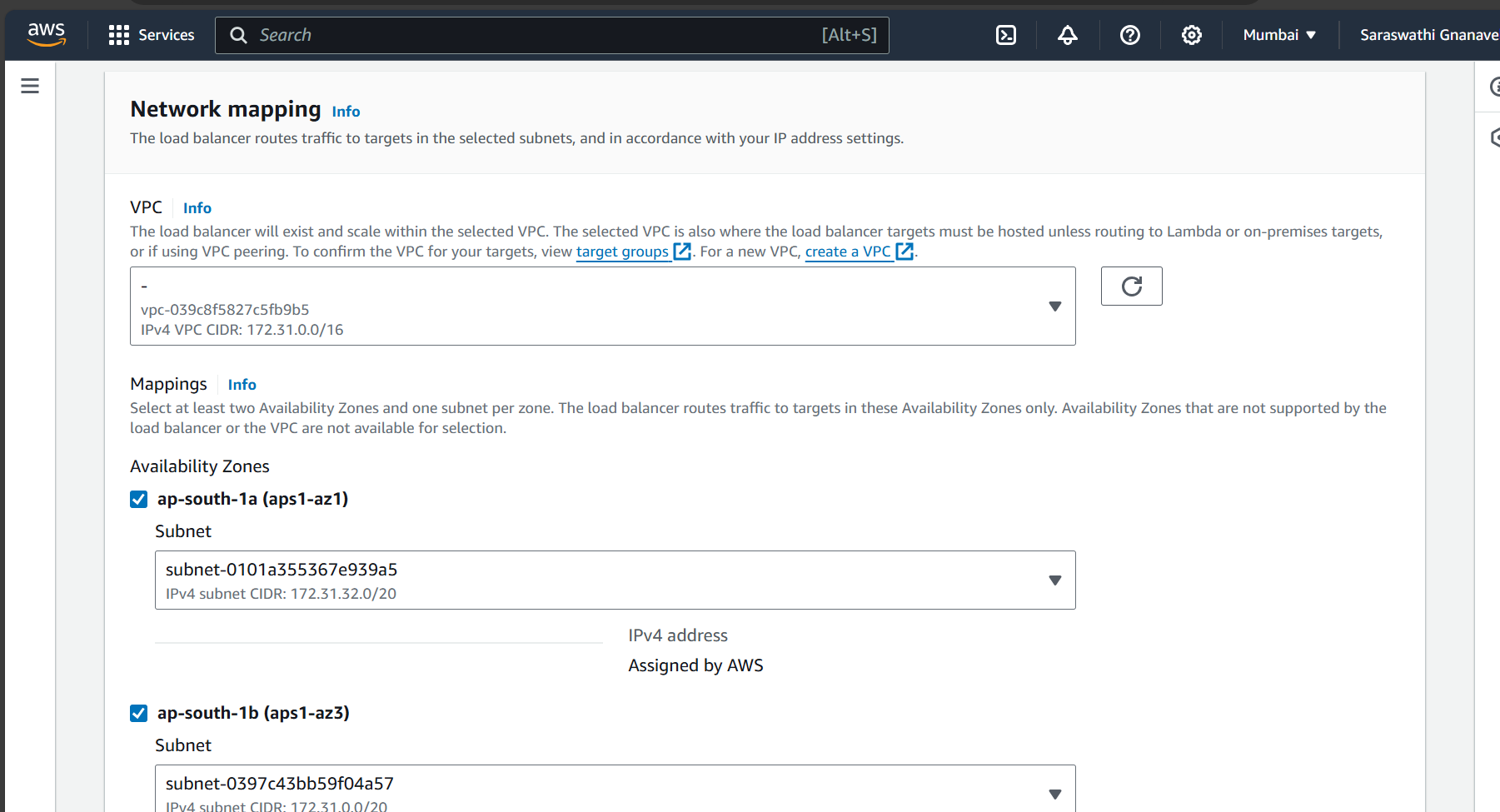
Target group has been created successfully



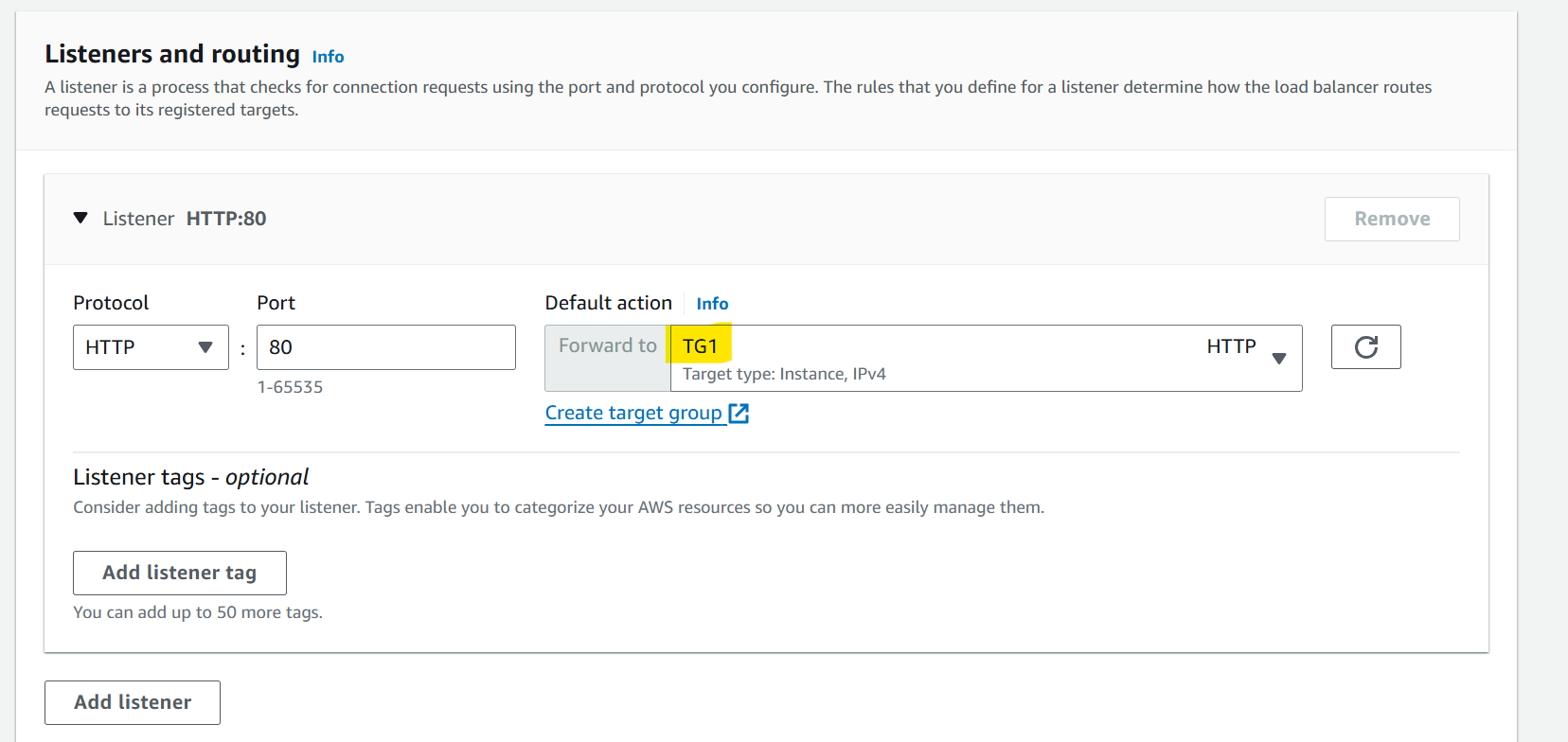
Creating Load Balancer now(Load balancer name -> ALB1)



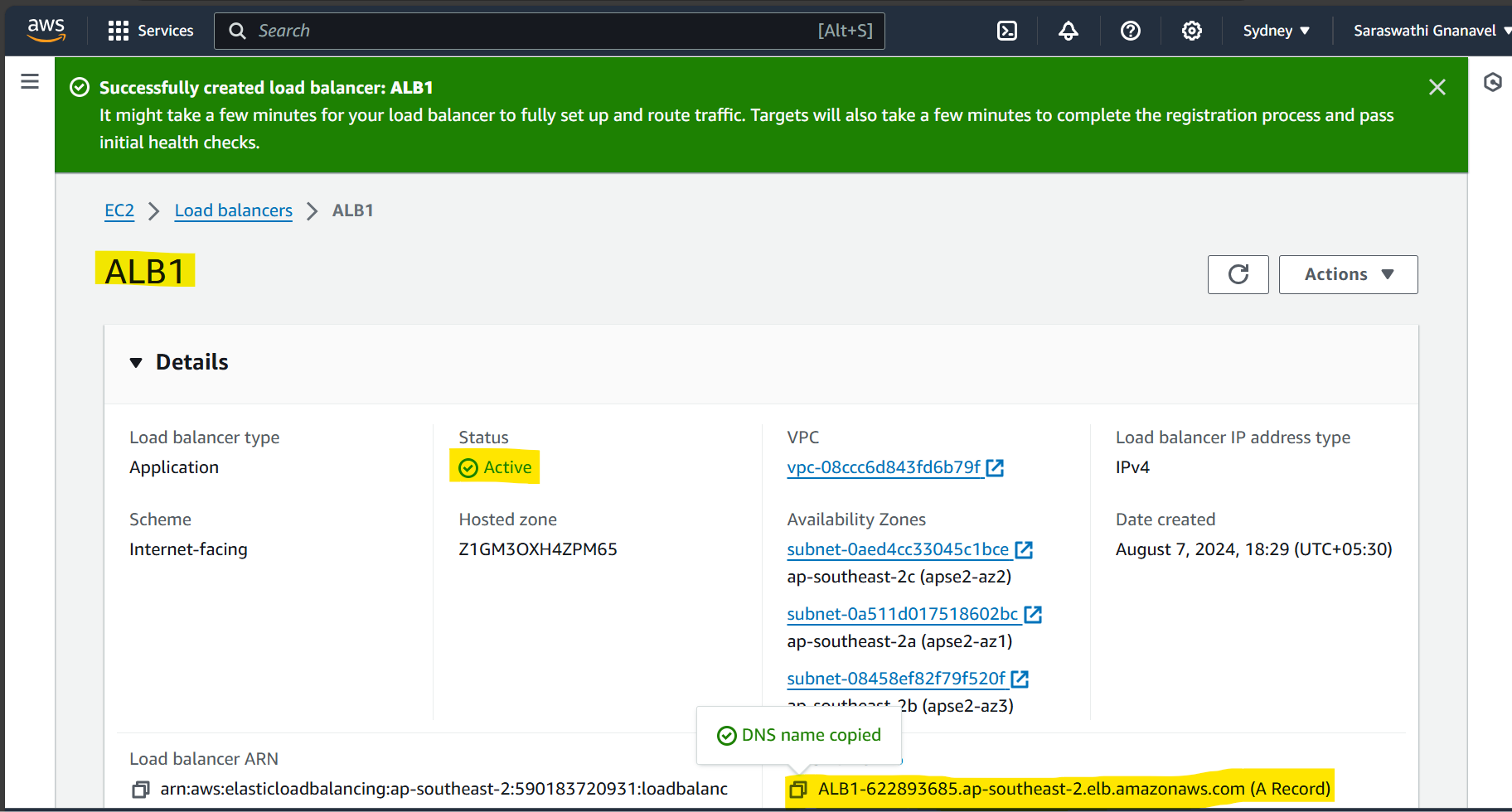




Selected TG1 Target group



Load balancer became Active now, use the DNS to launch the web server



Accessed web server by using DNS, output traffic from the server transferred to load balancer IP address

