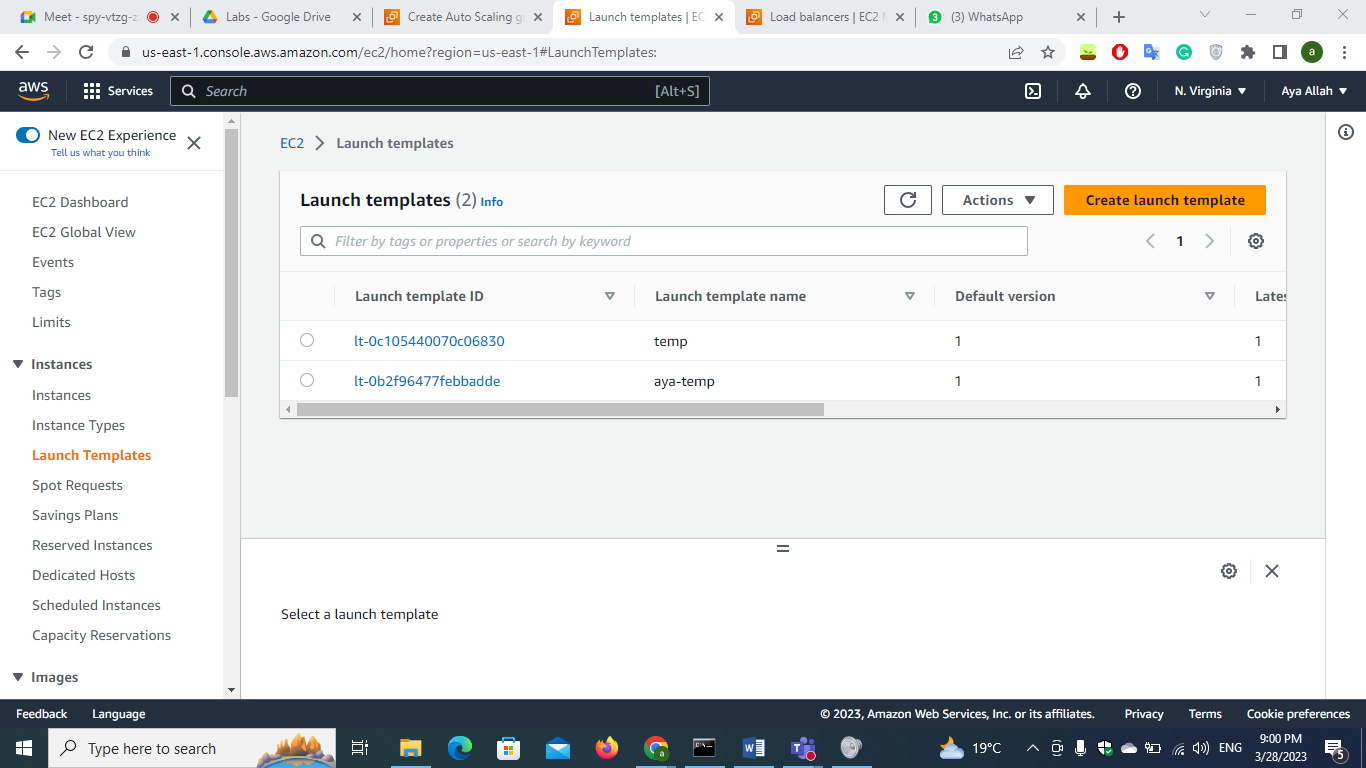
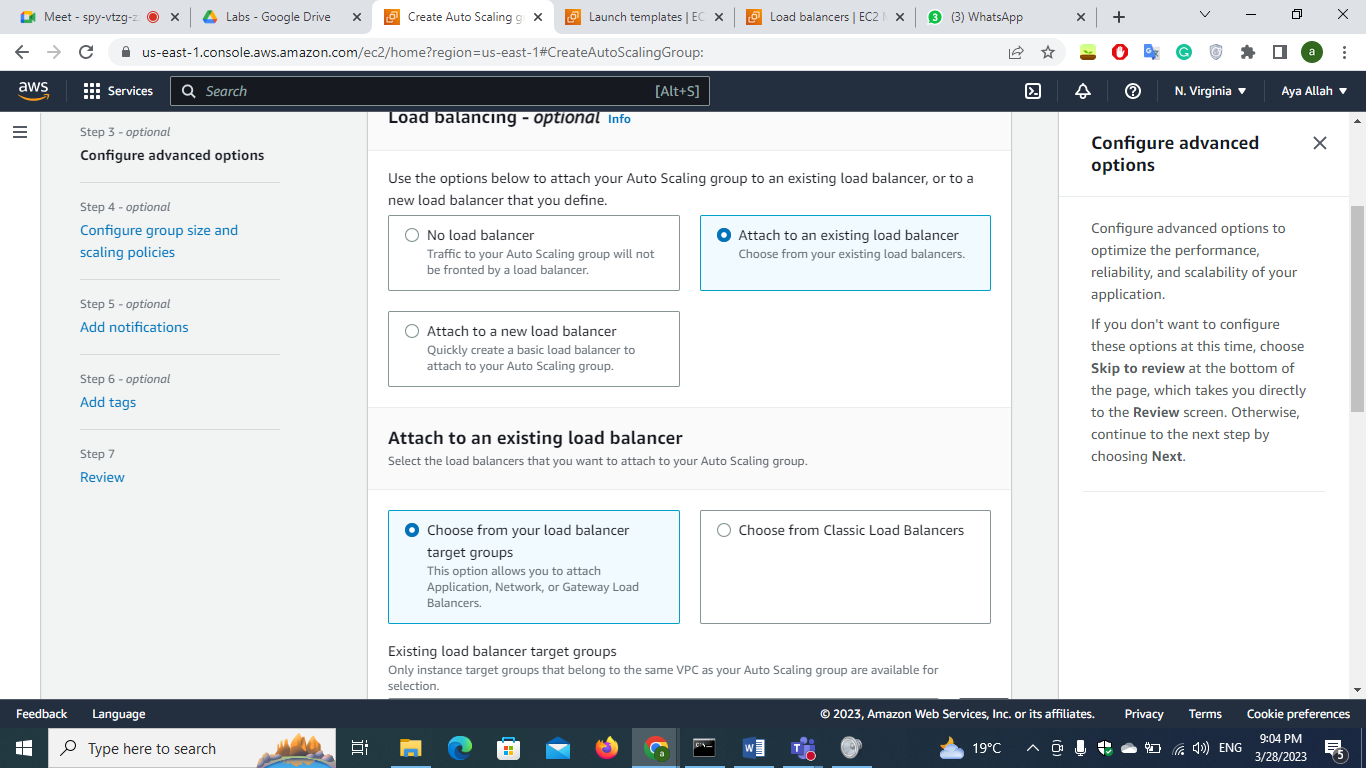
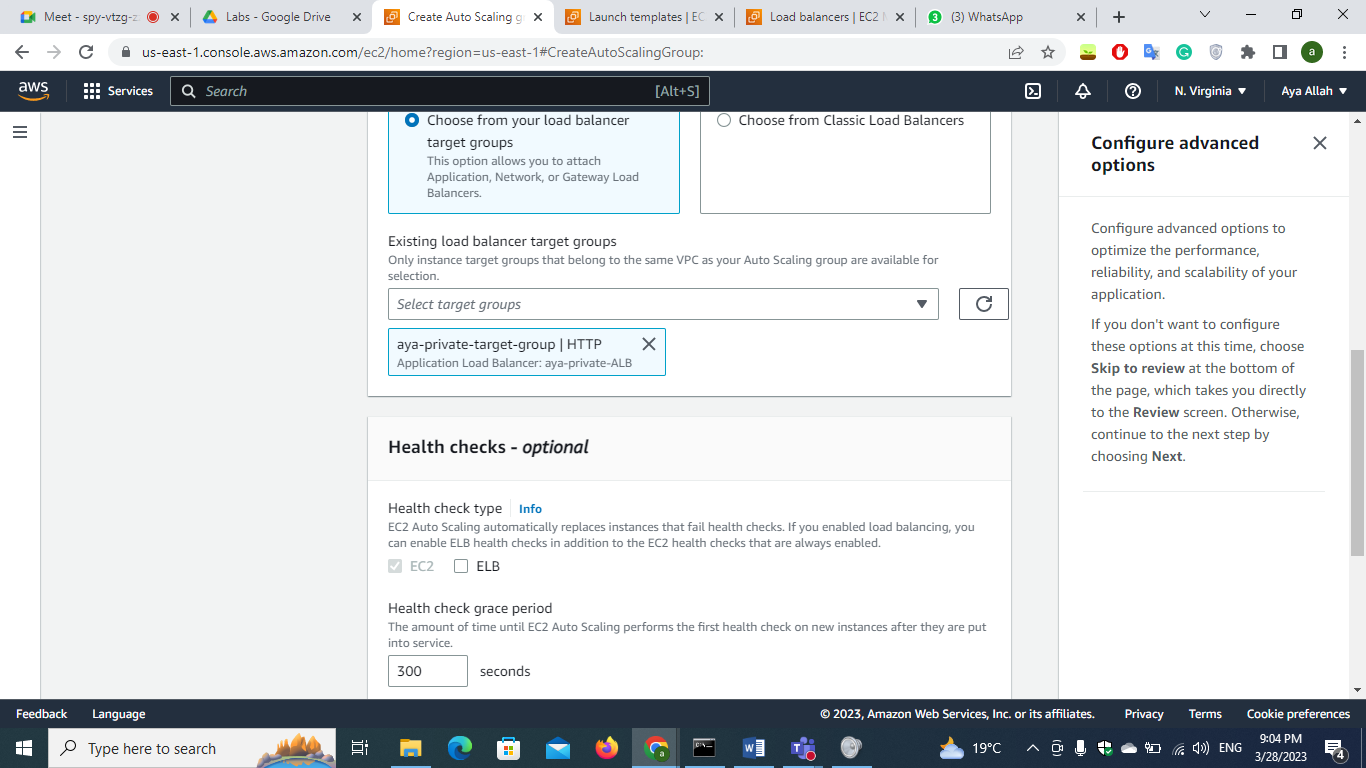
**Lab4**

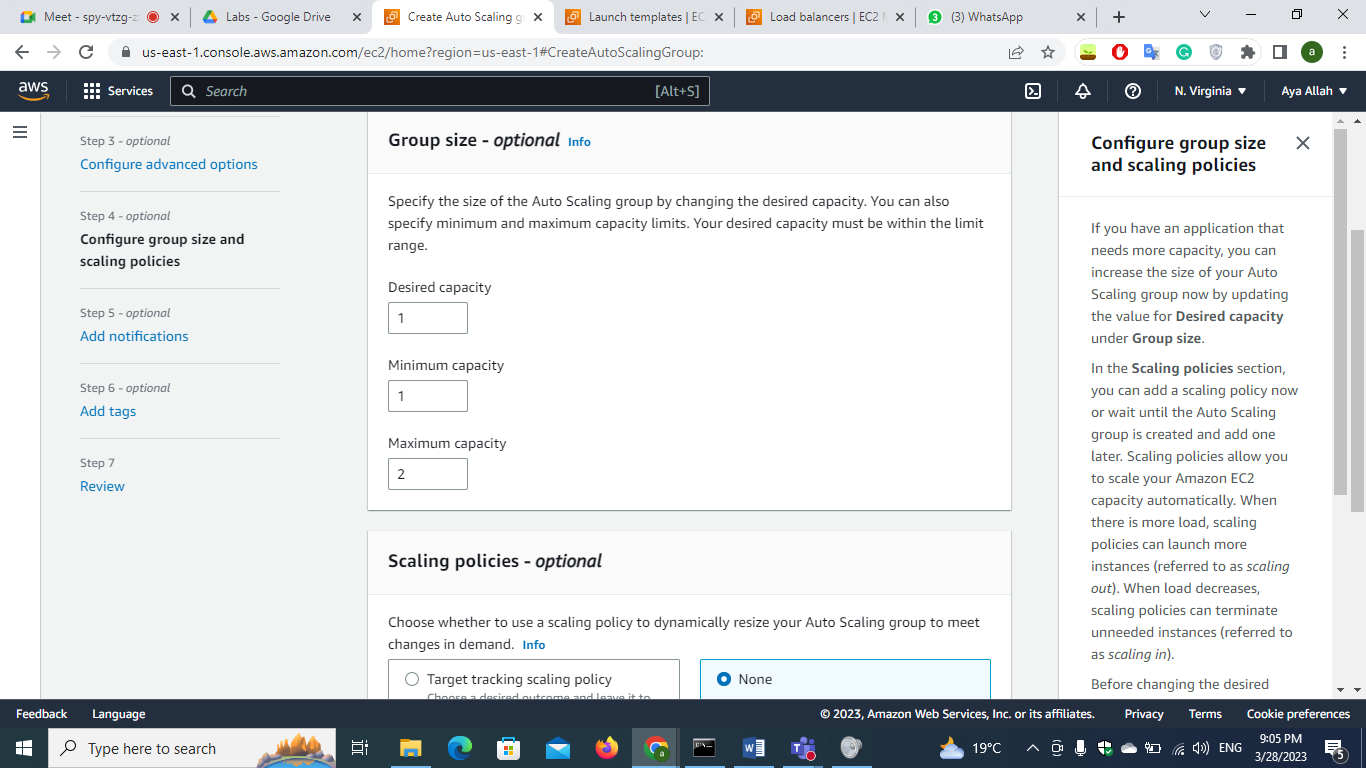
**Name: aya allah ali abbas track:system admin**

1. **Creating Auto scaling group**

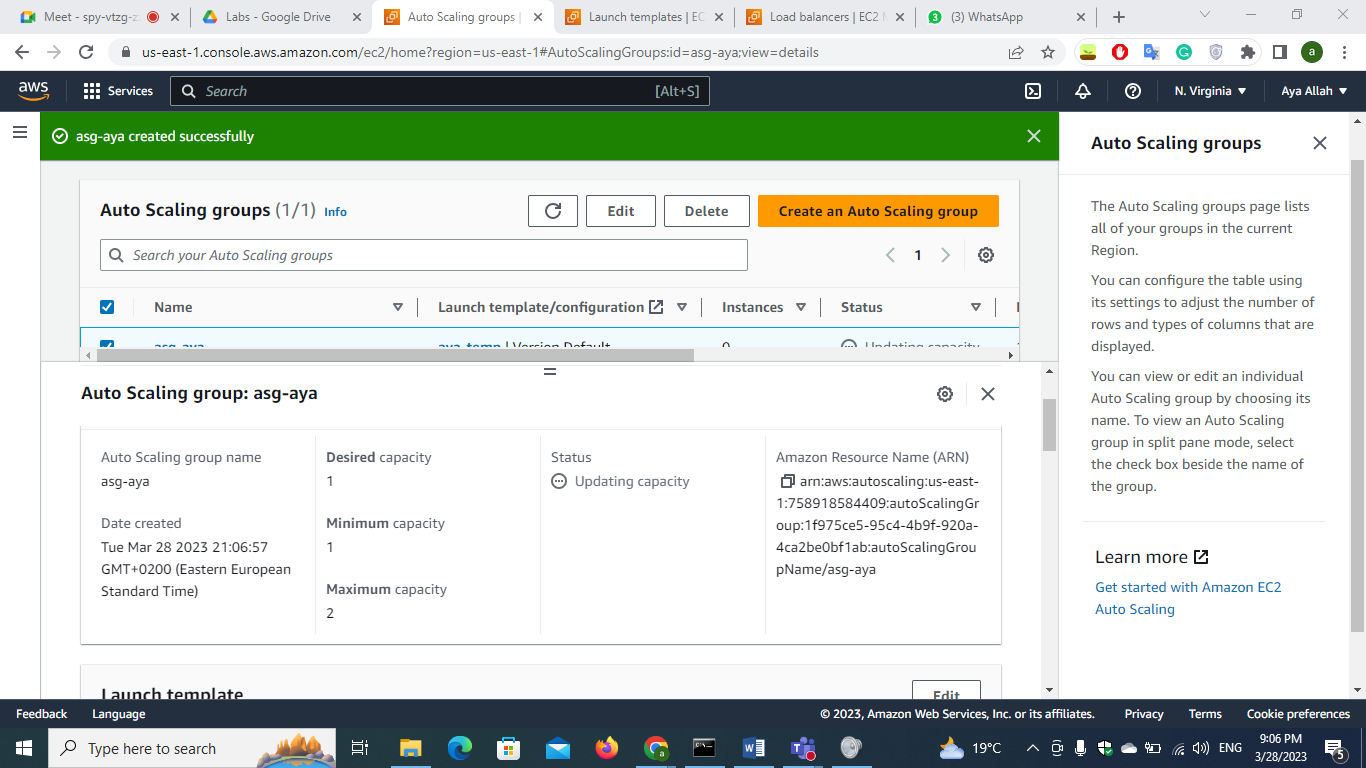
* **create template**
* **Attach to an existing loadbalancer**

****

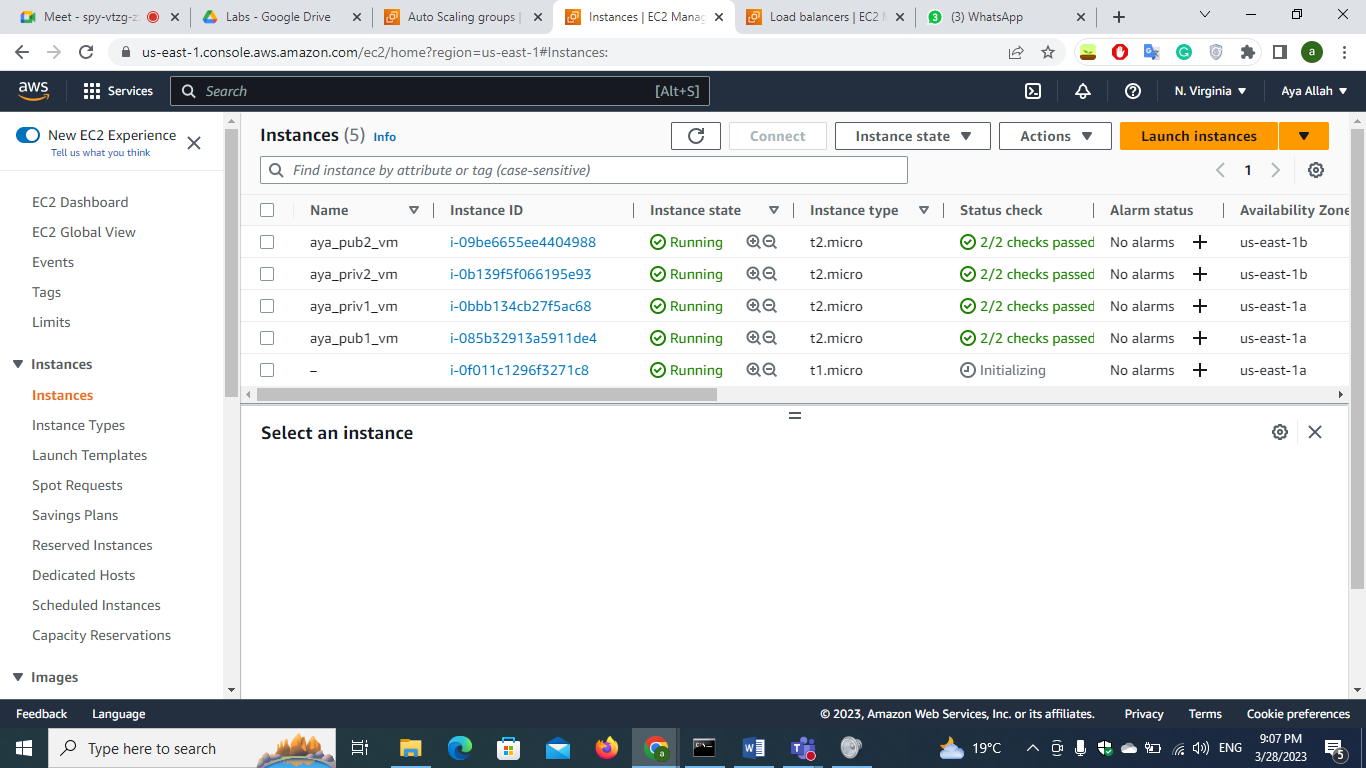
****

****

**Summary of the autoscaling group**

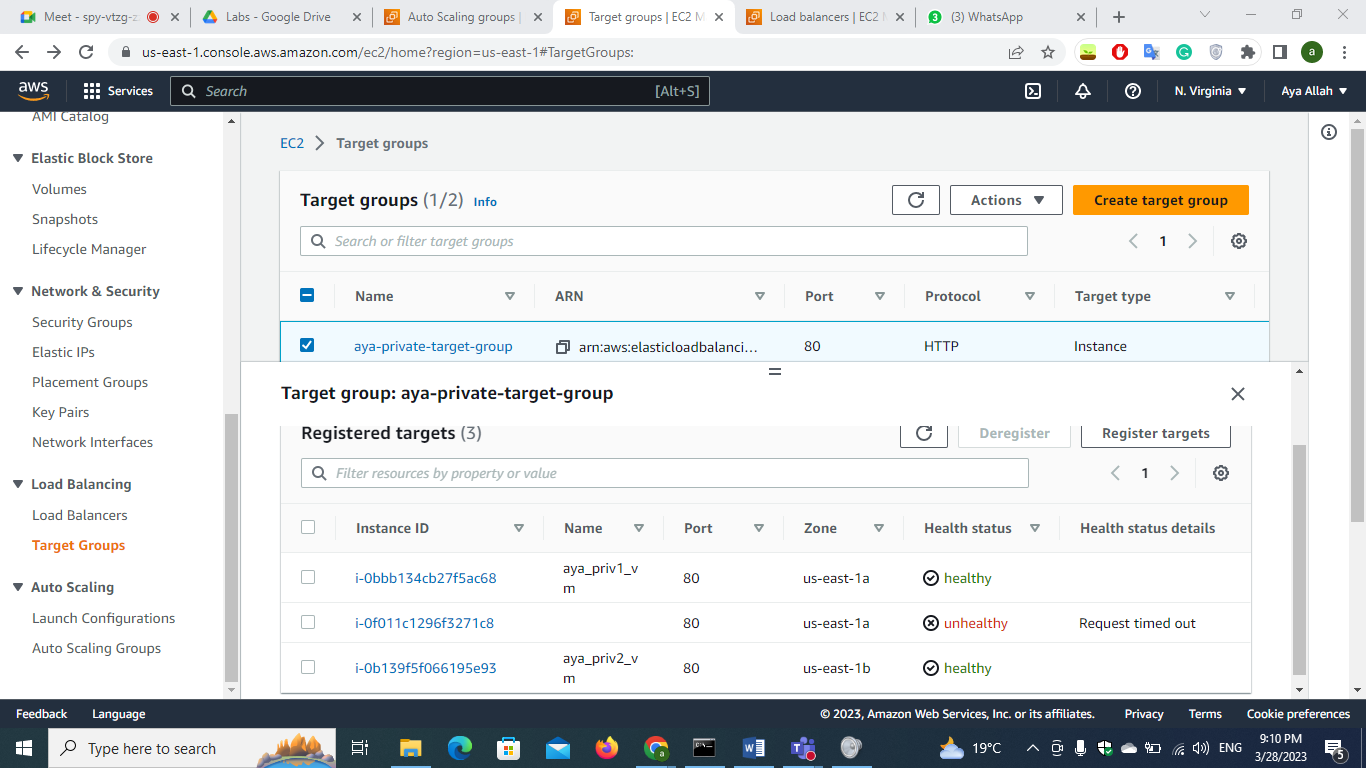
****

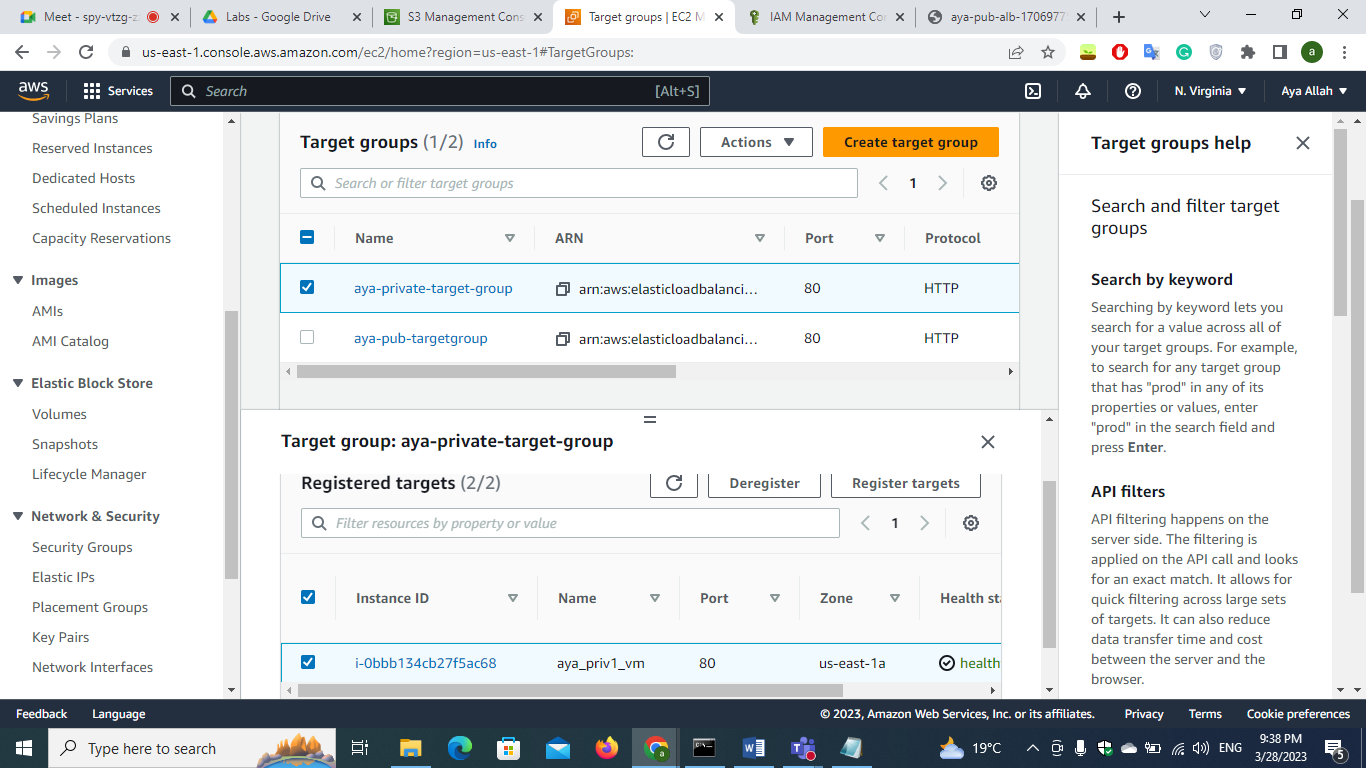
**The desired ec2 is up and running**

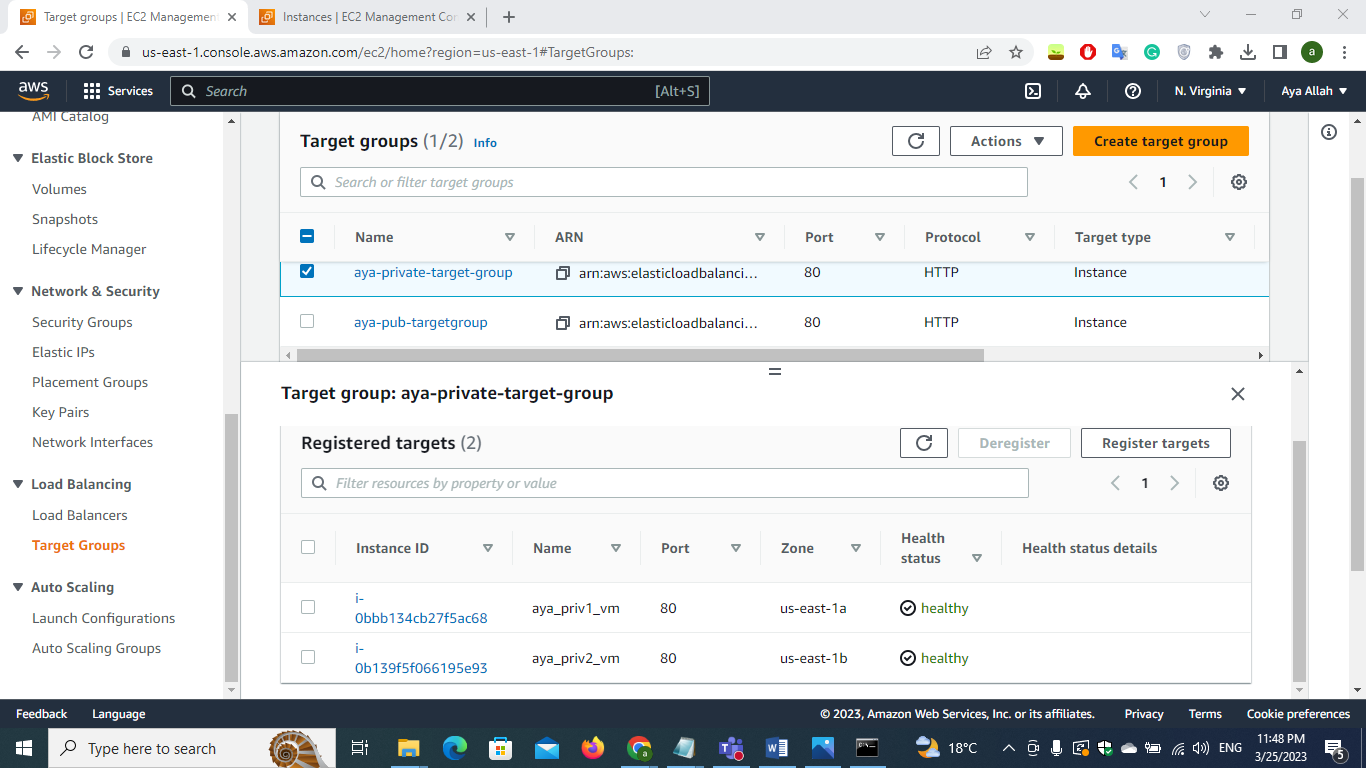
****

**Private target group health check**

**Only one is unhealthy which is the ec2 provided by the autoscaling because it doesn’t have the apache which prove the ALB couldn’t find the app and returned an error**

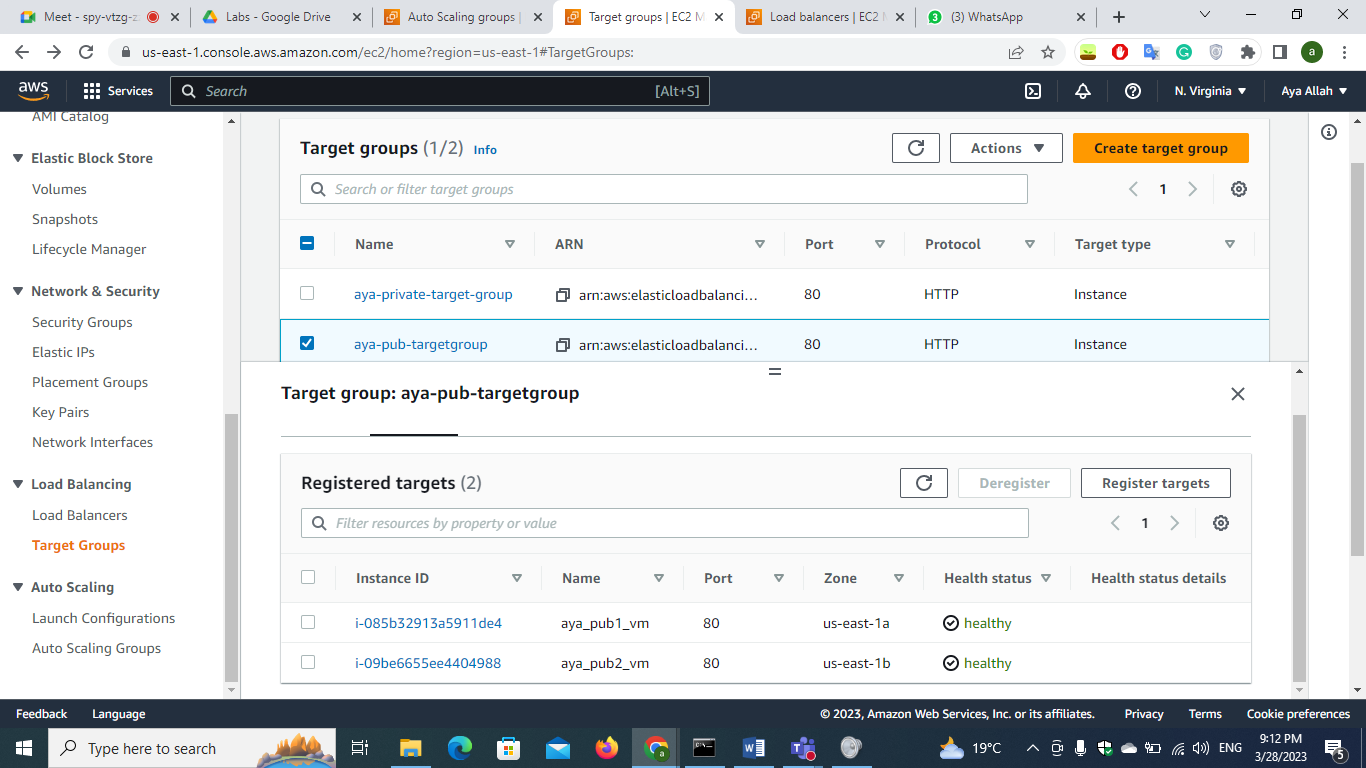
****

**After removing the autoscaling it became healthy again**

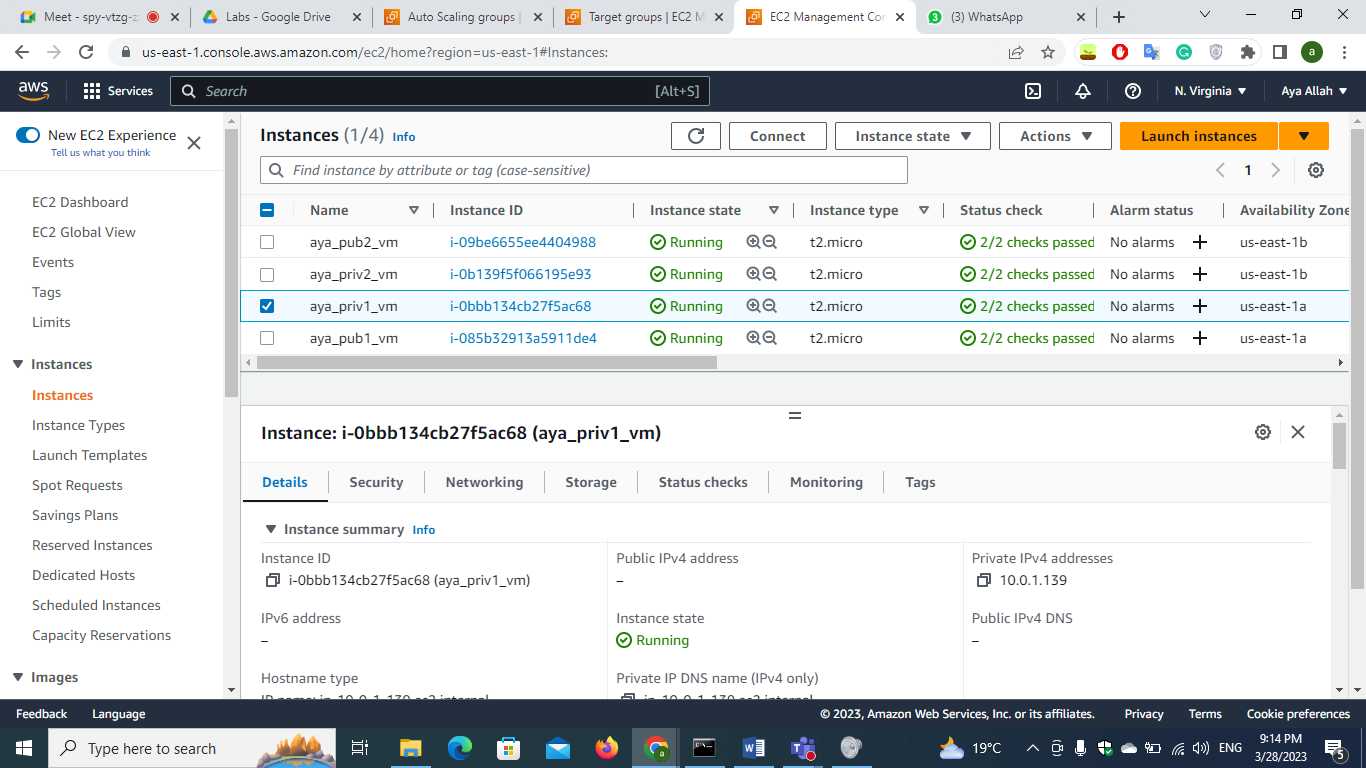
****

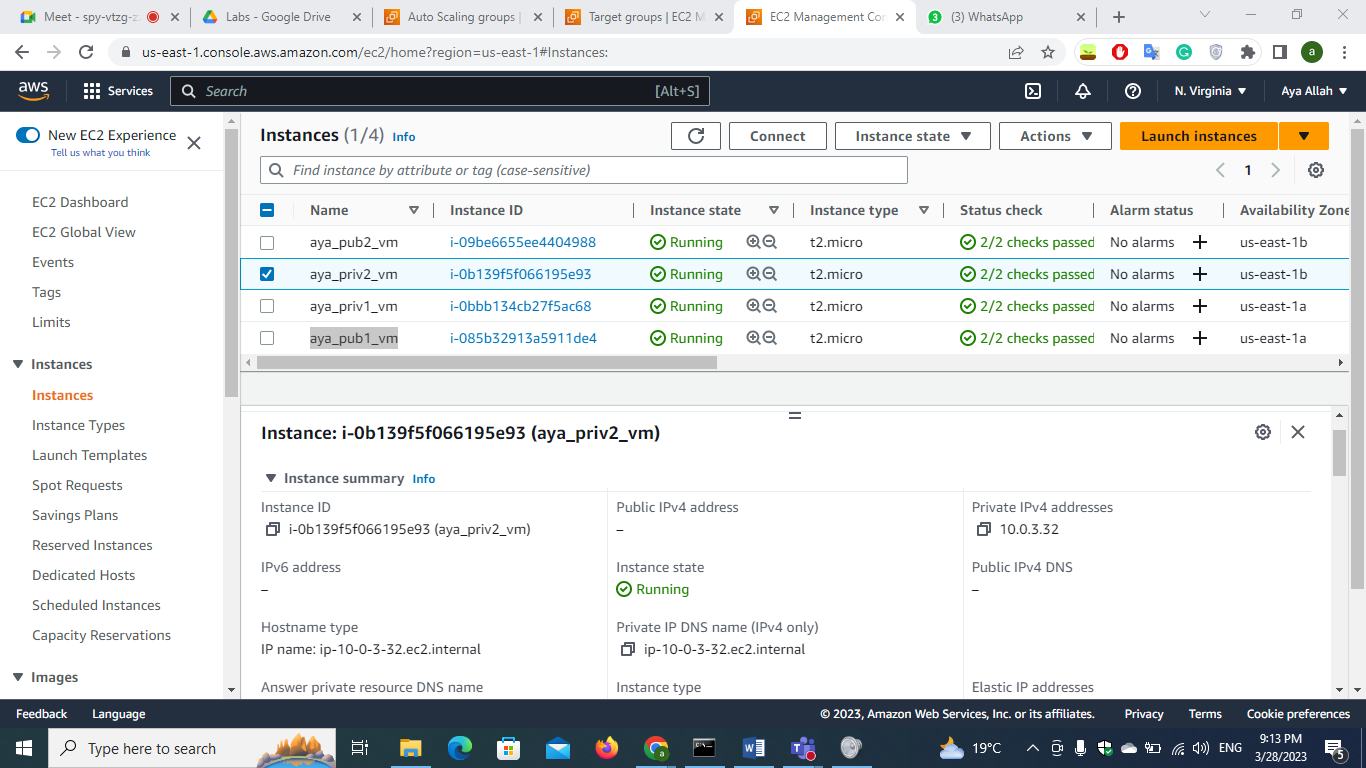
**Public group**

**All healthy**

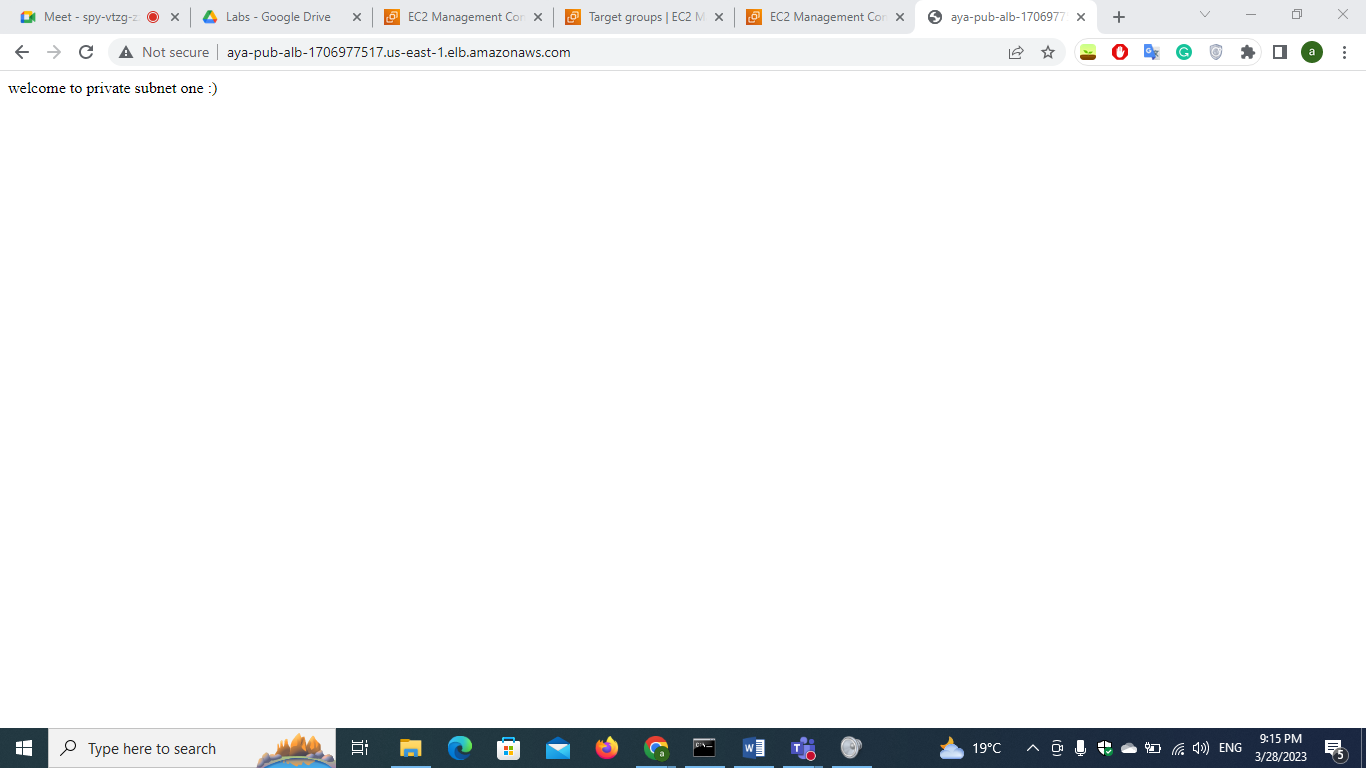
****

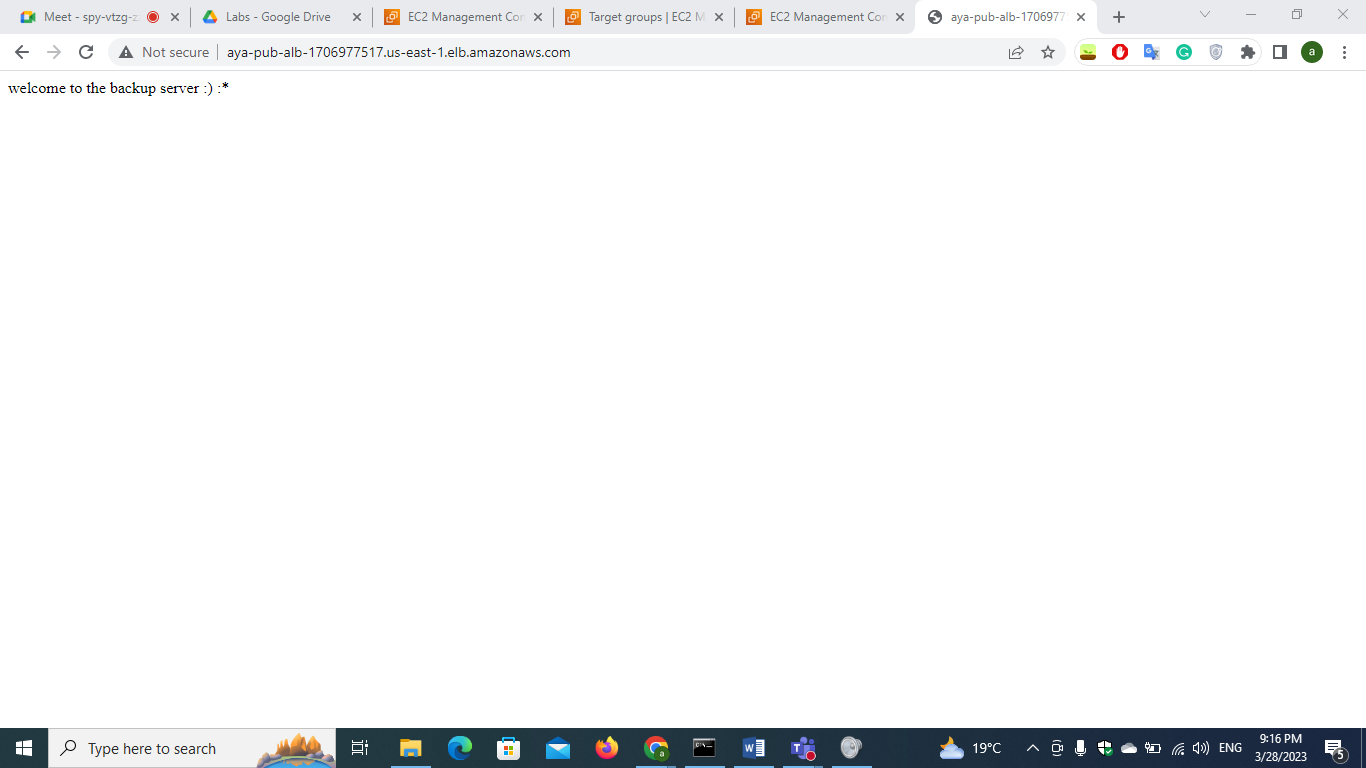
**Proves that The machine are private**

****

****

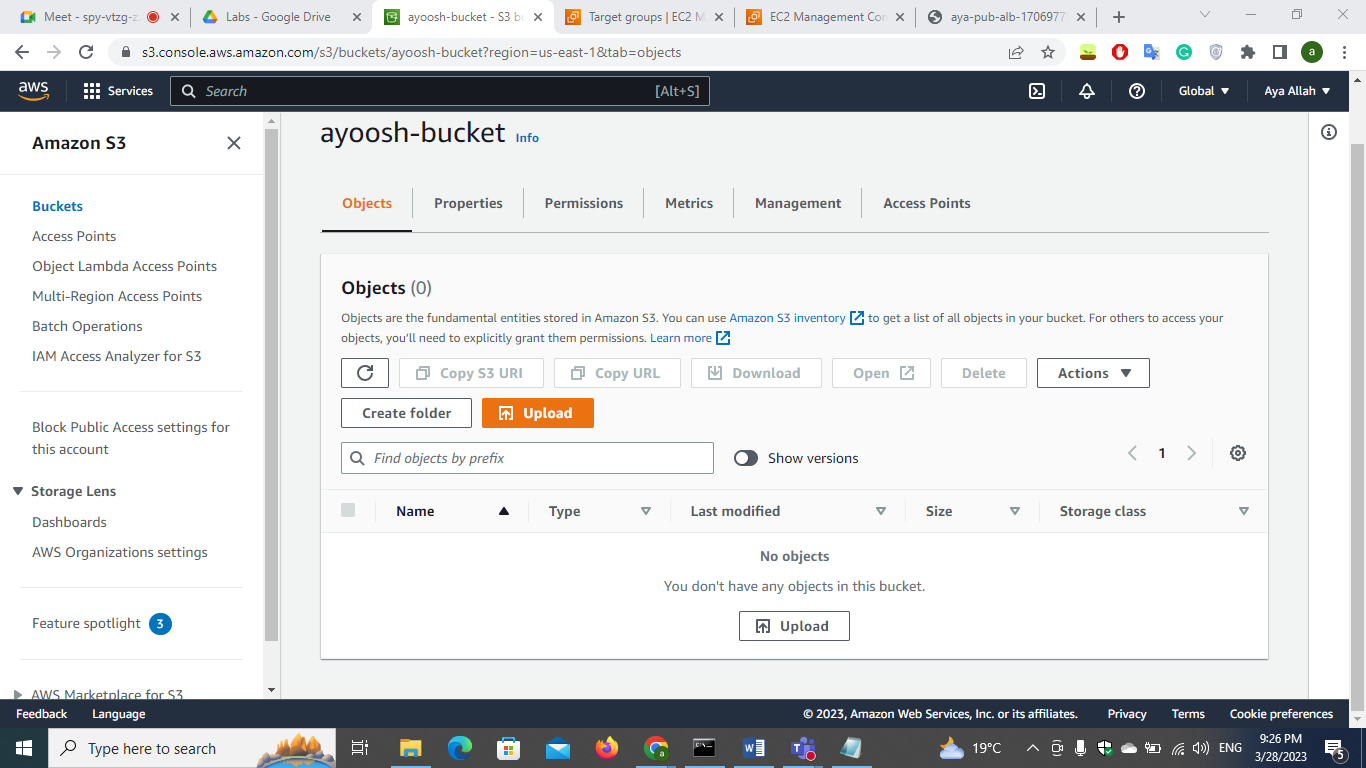
**Using the ALB dns**

****

****

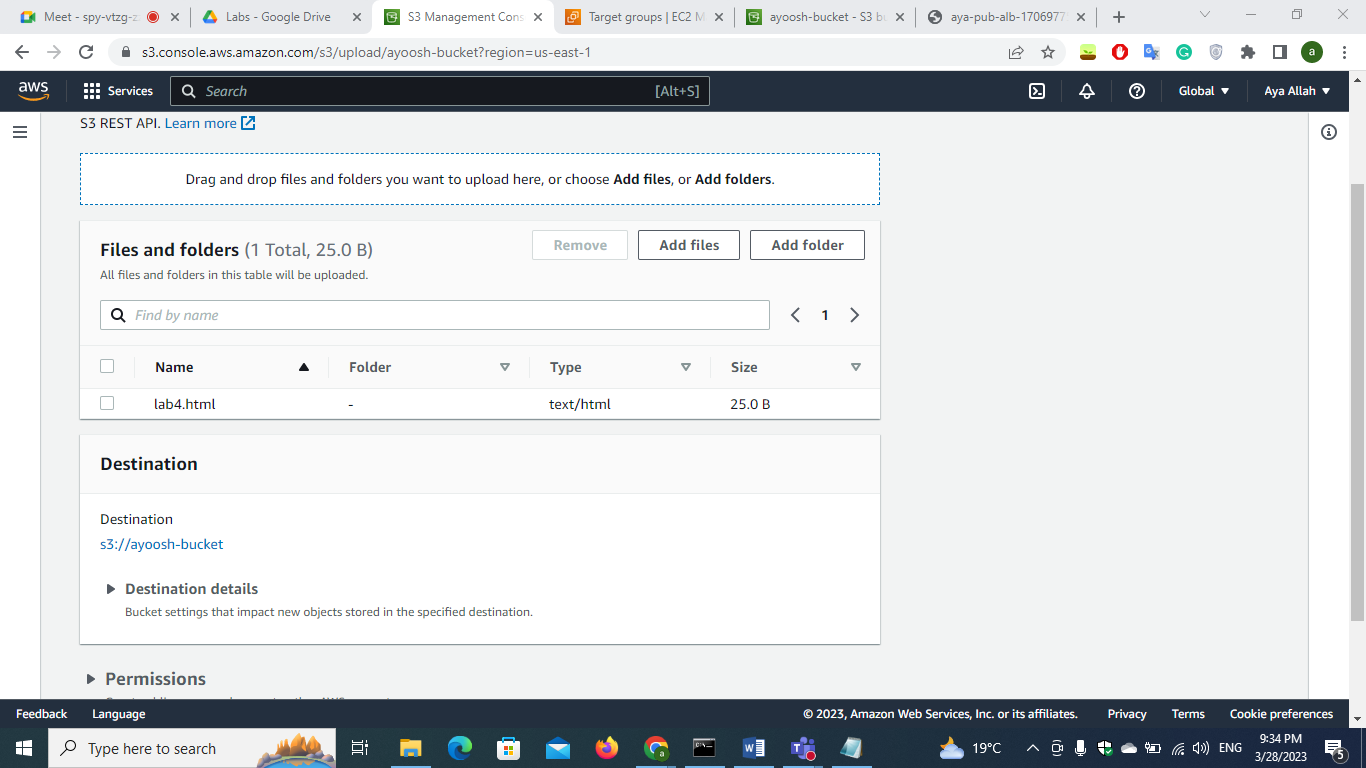
**Second part**

**Create bucket**

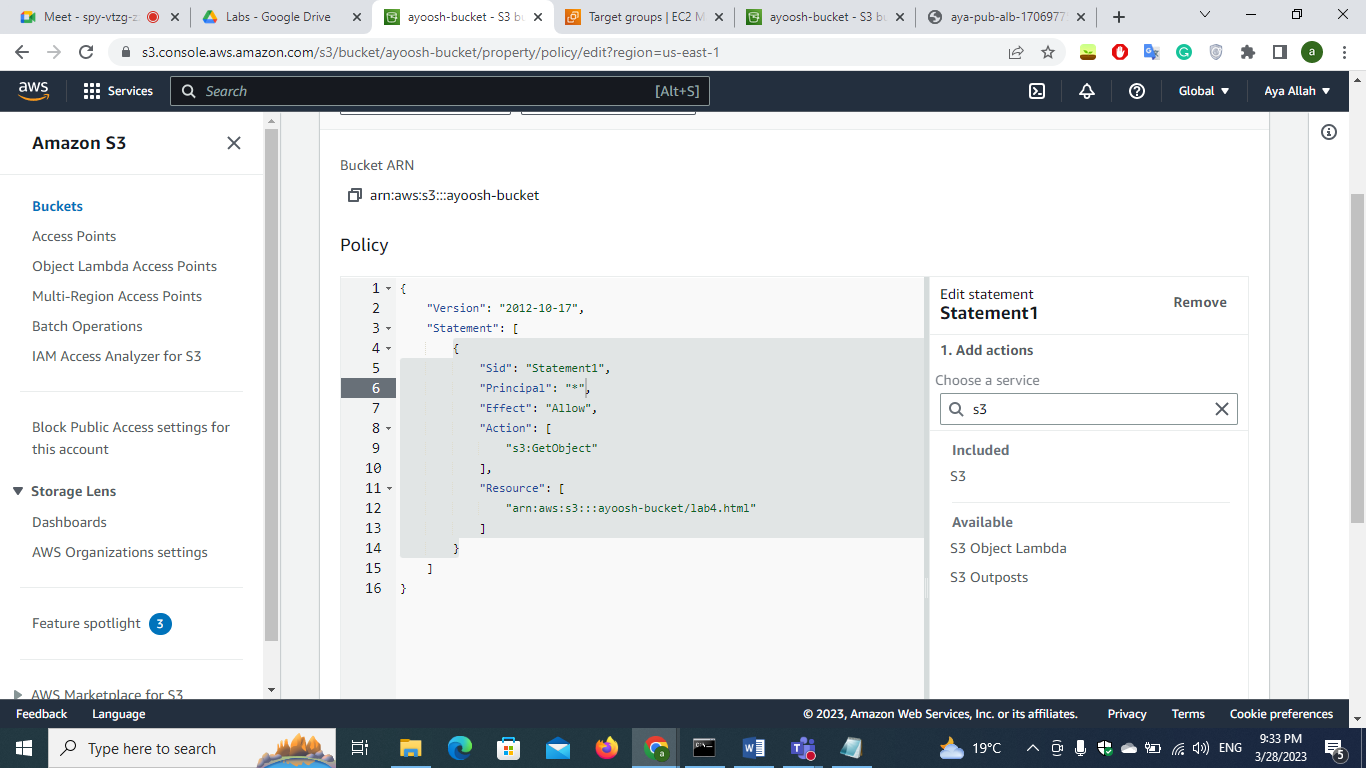
****

**Create text file**

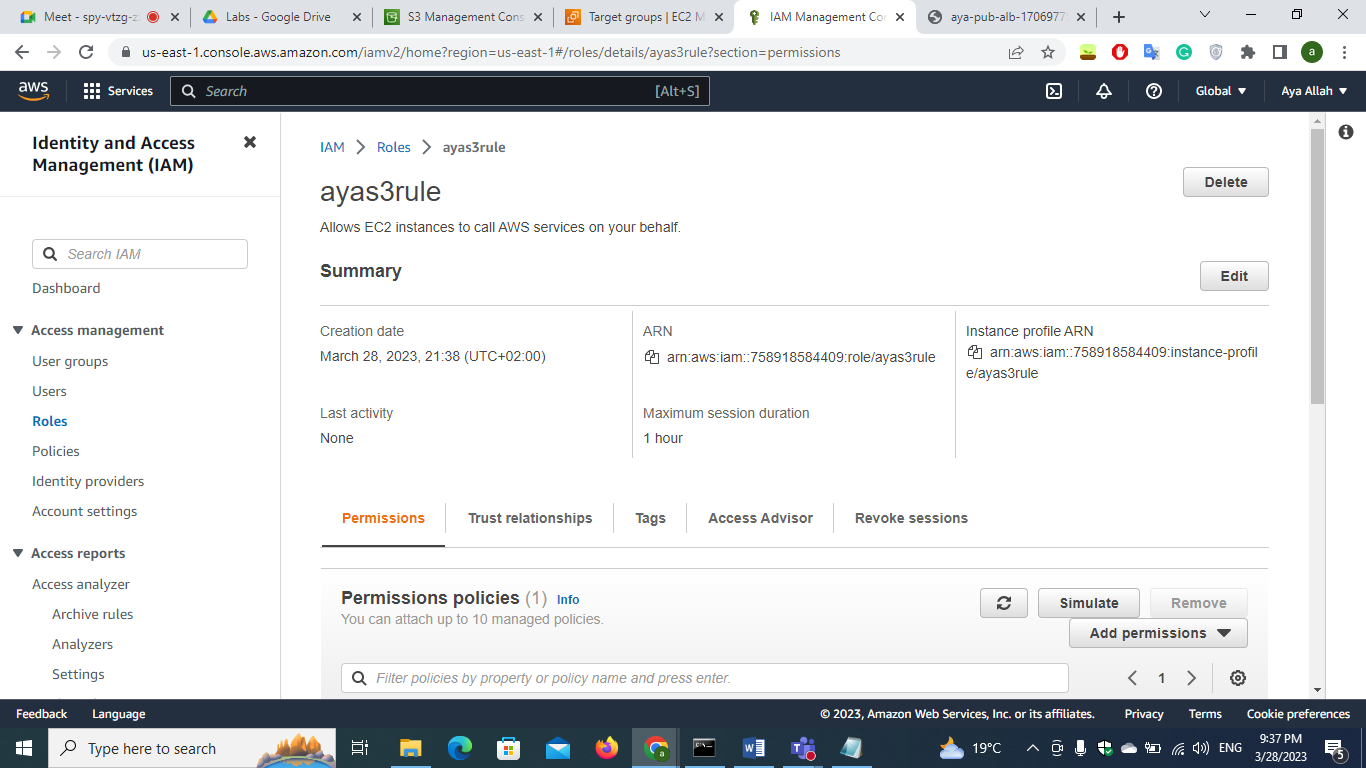
**Upload file**

****

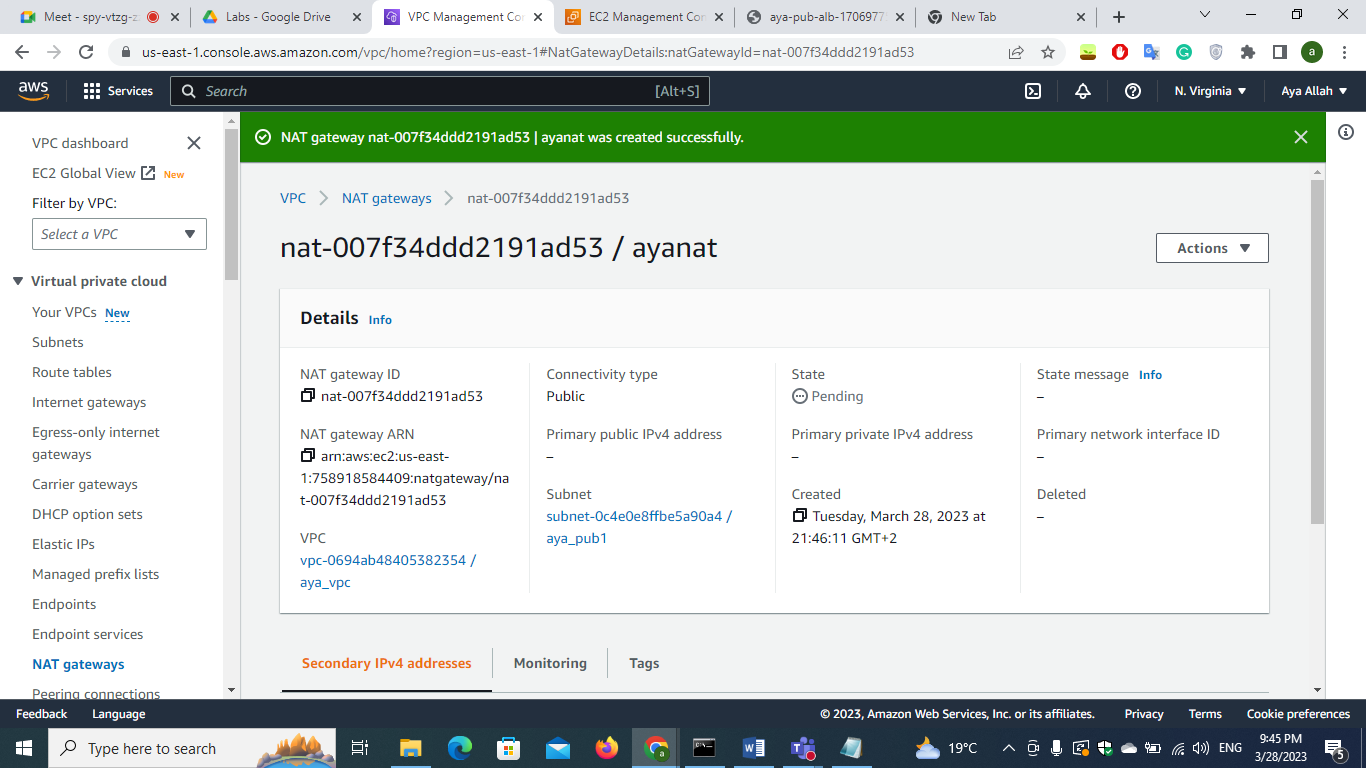
**Create bucket policy**

****

**Create role**

****

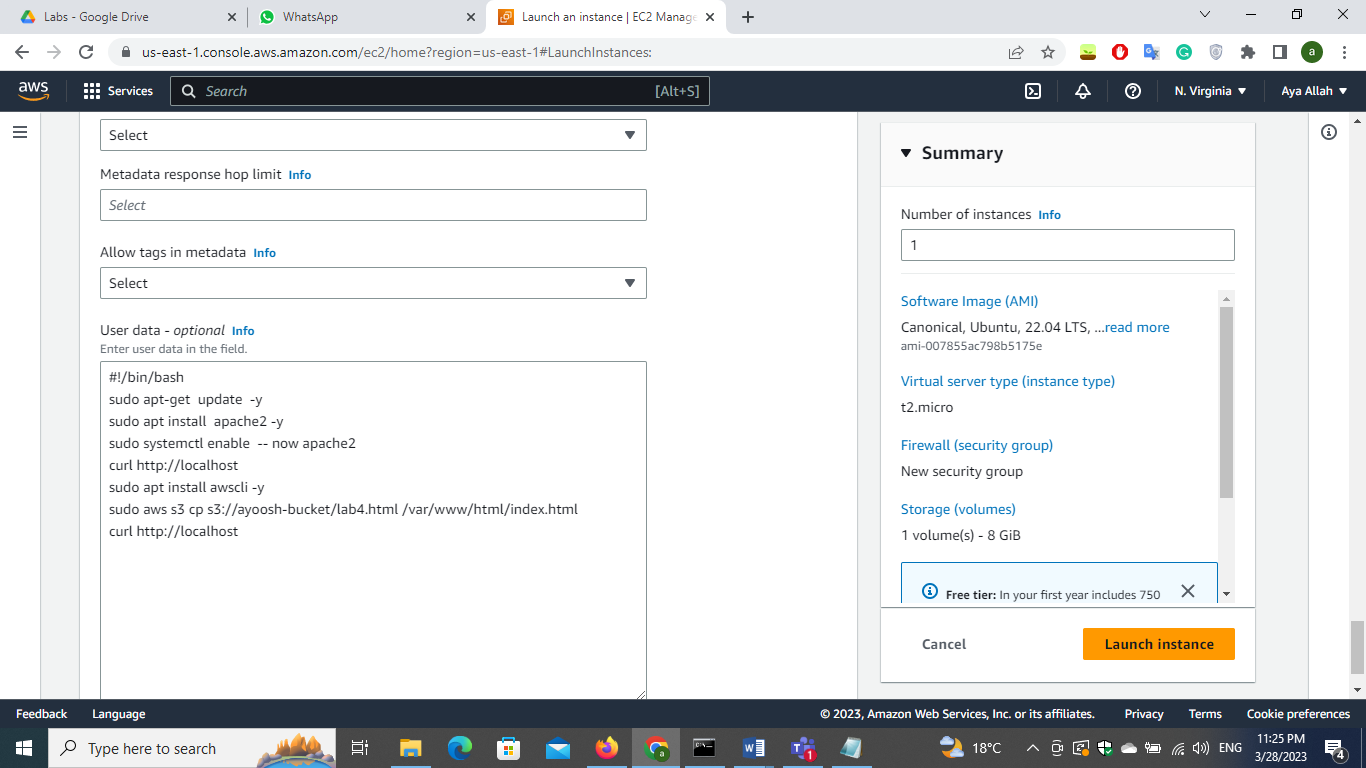
**Create NAT**

****

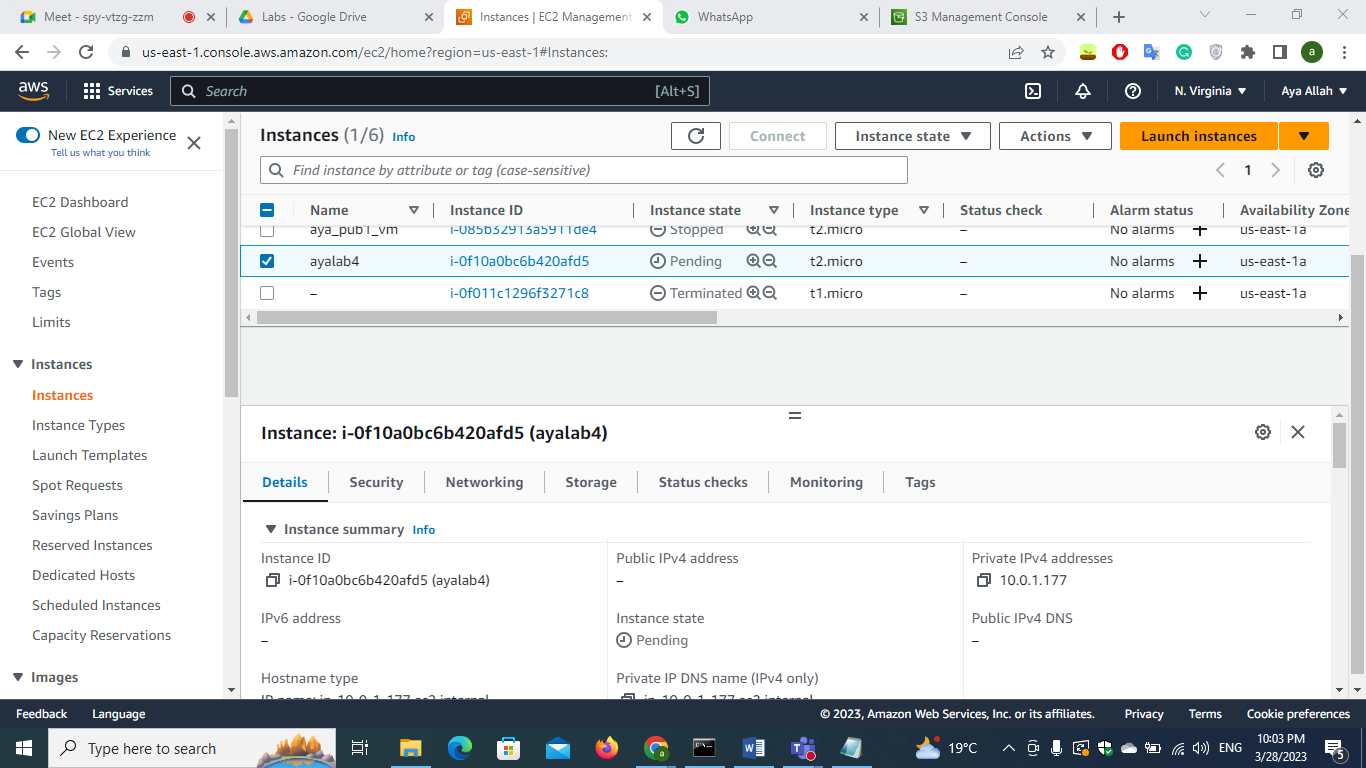
**Use the NAT in the private route table**

****

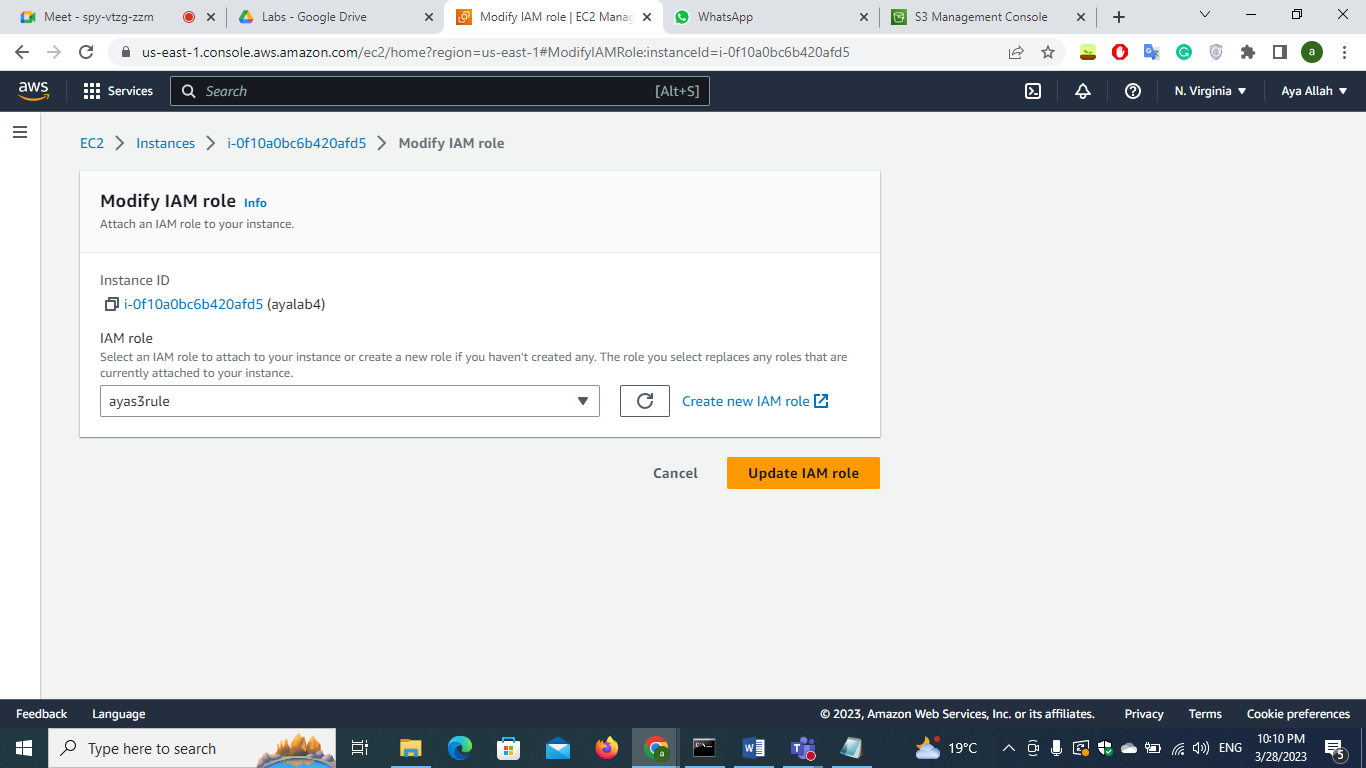
**User data**

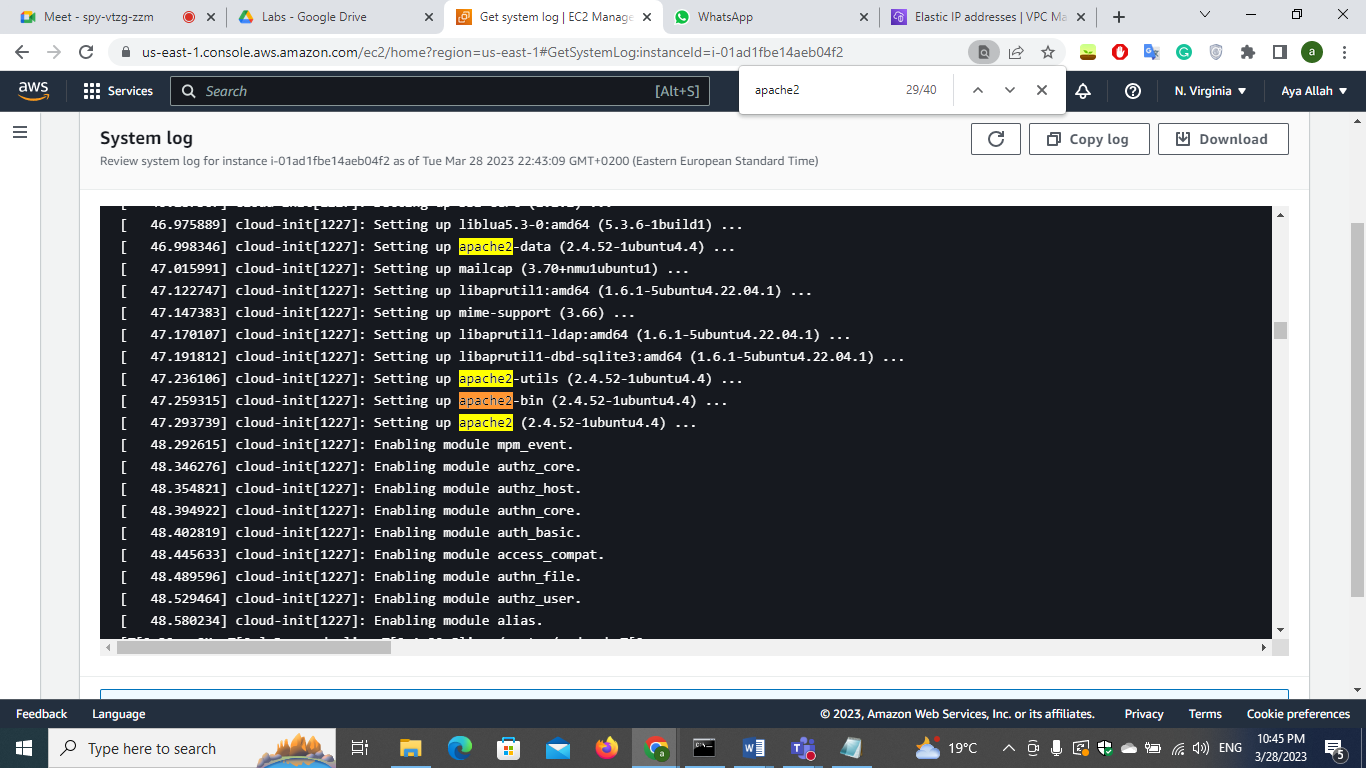


**The machine is private**

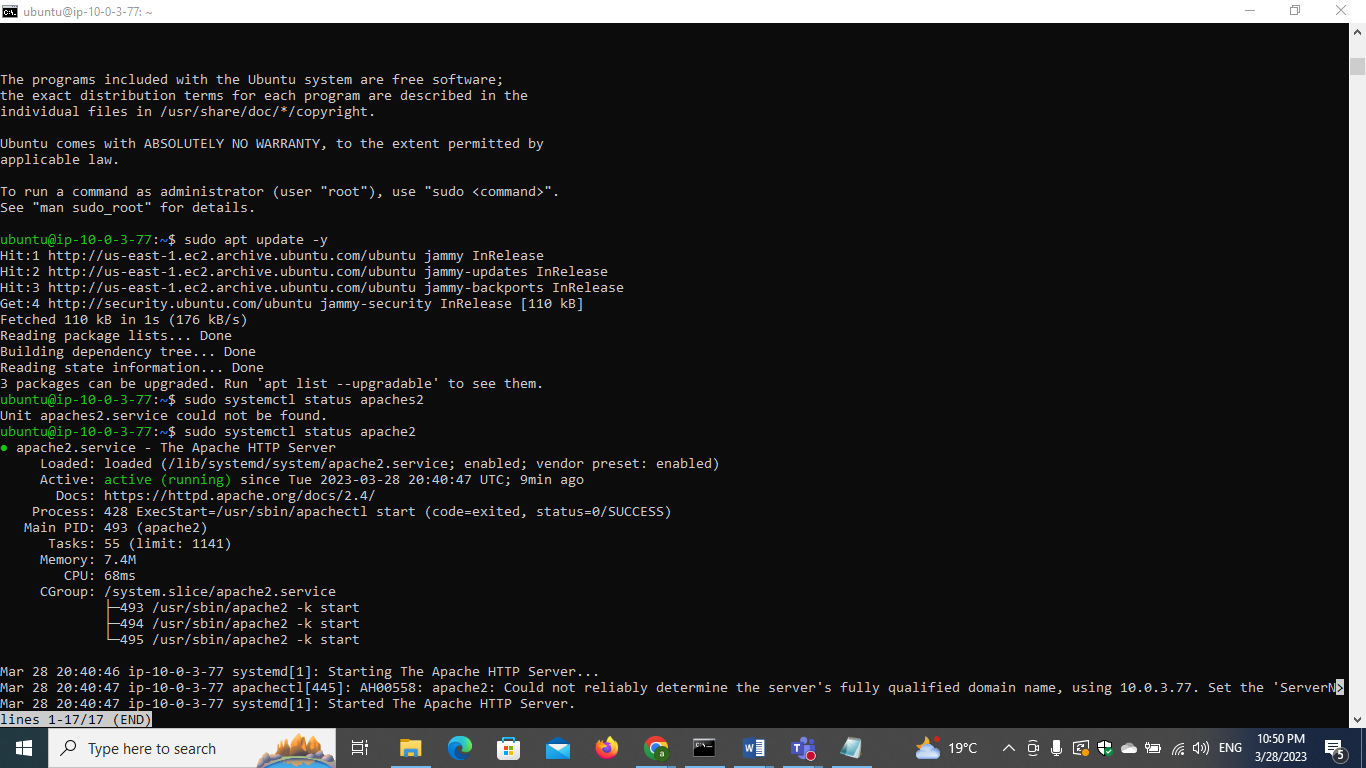
****

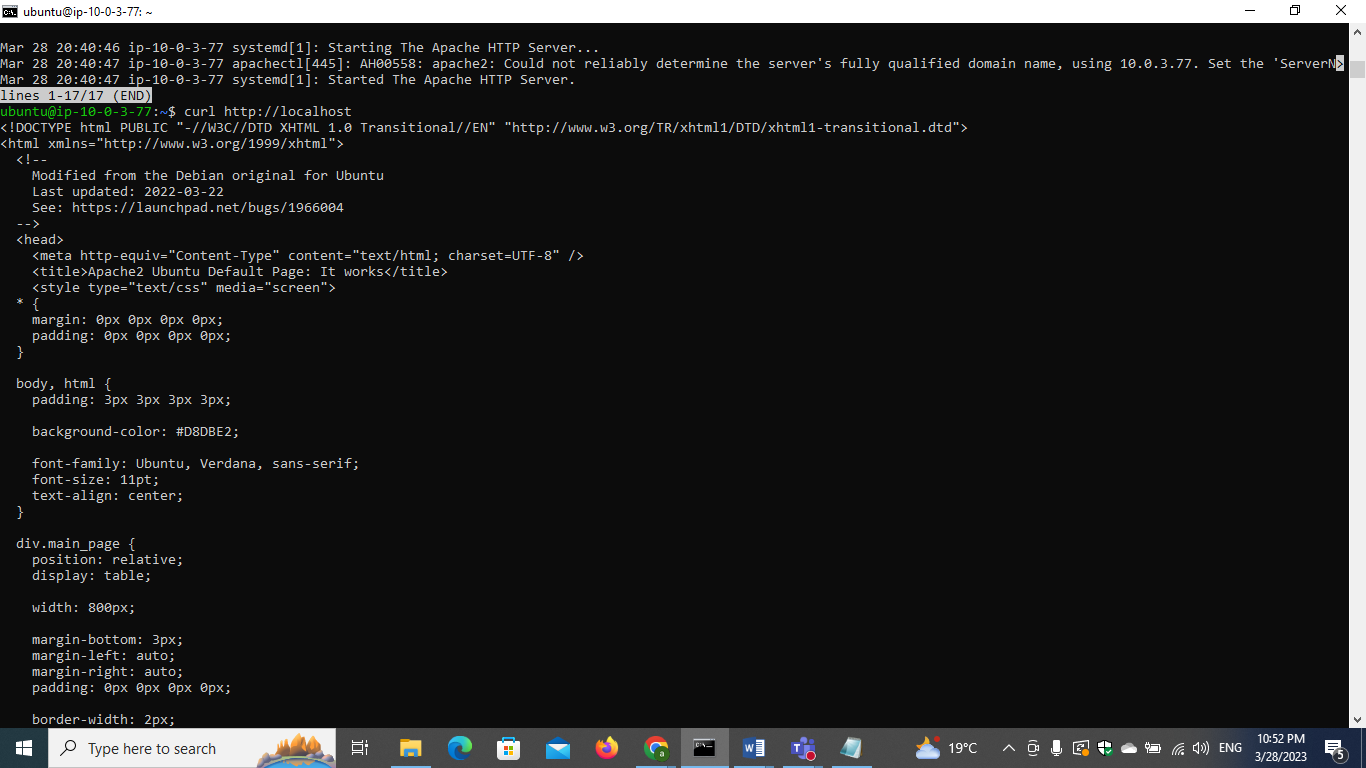
**Attach the role to the machine**

****

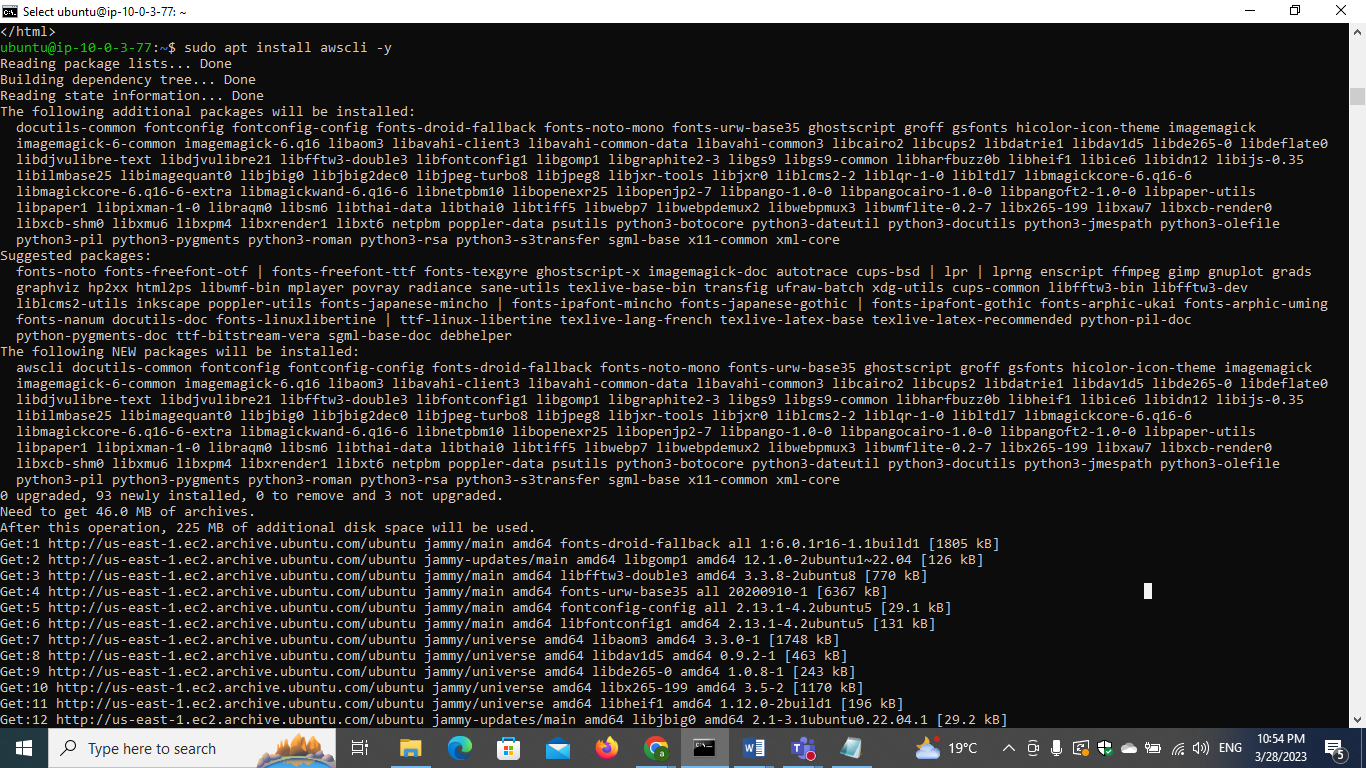


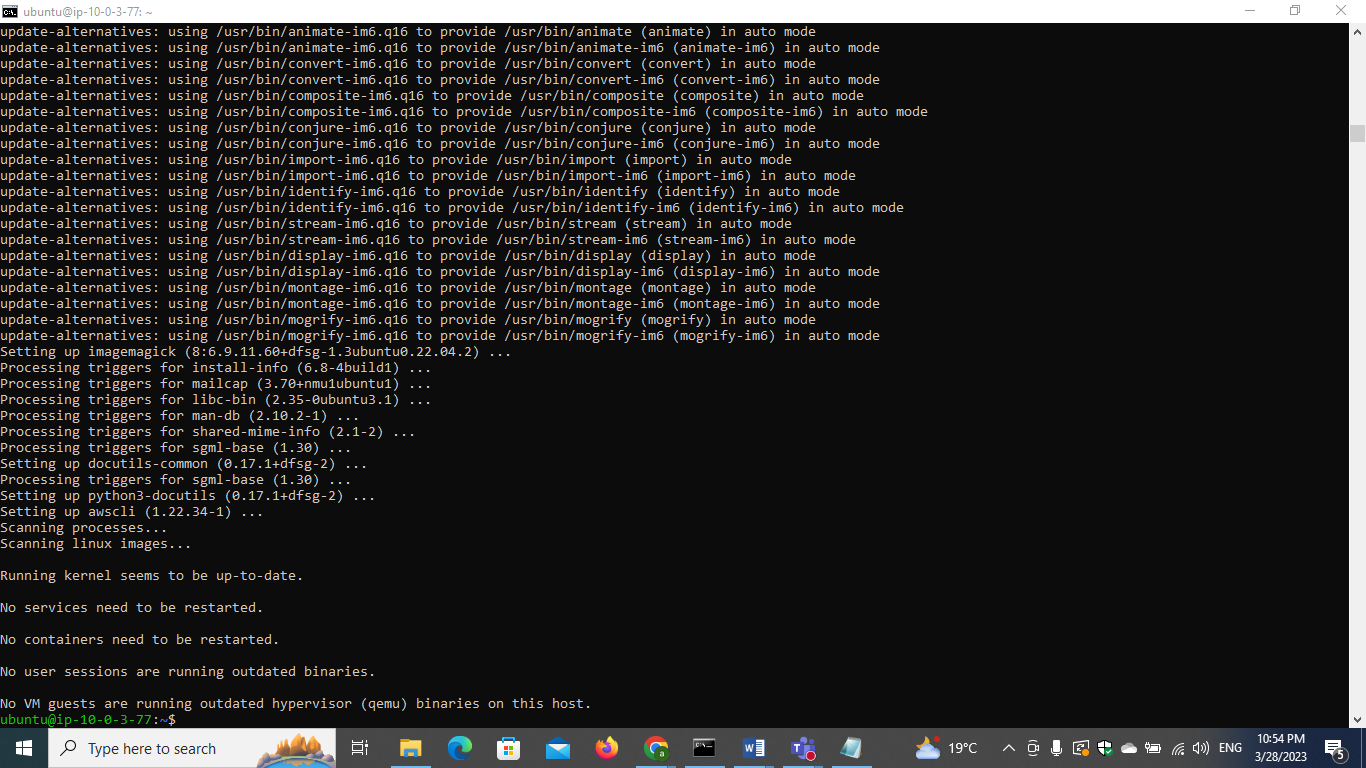
**The logs was talking to long to show so I used aws cli to see the status of the appache2 and also to curl**





**Install awscli on the vm**





**result**

