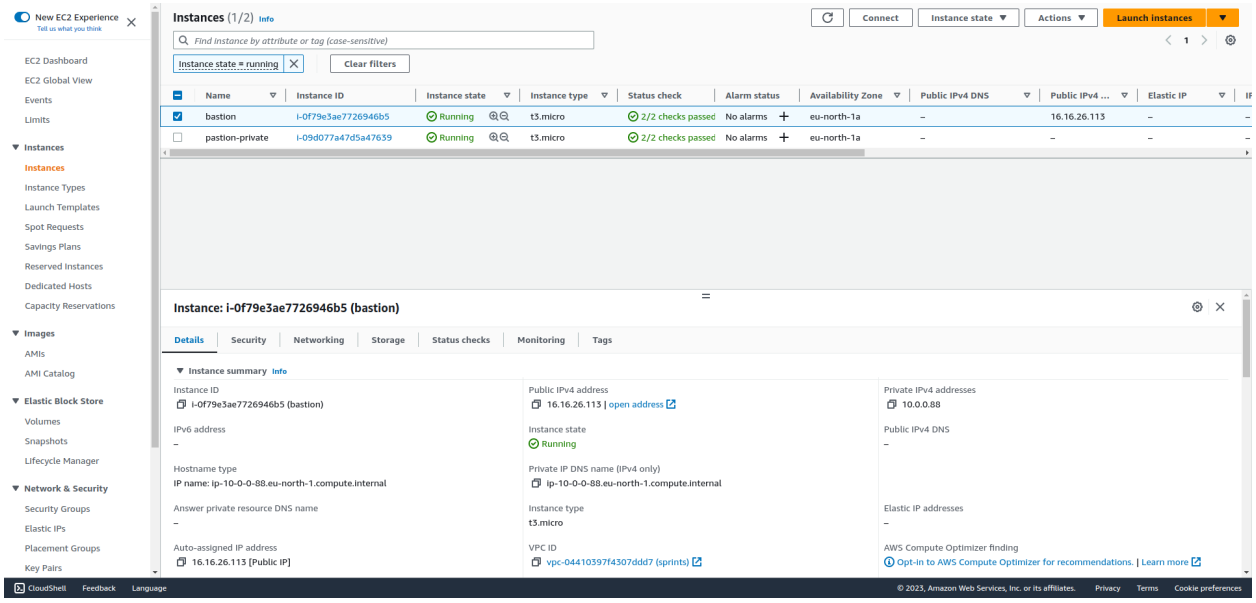
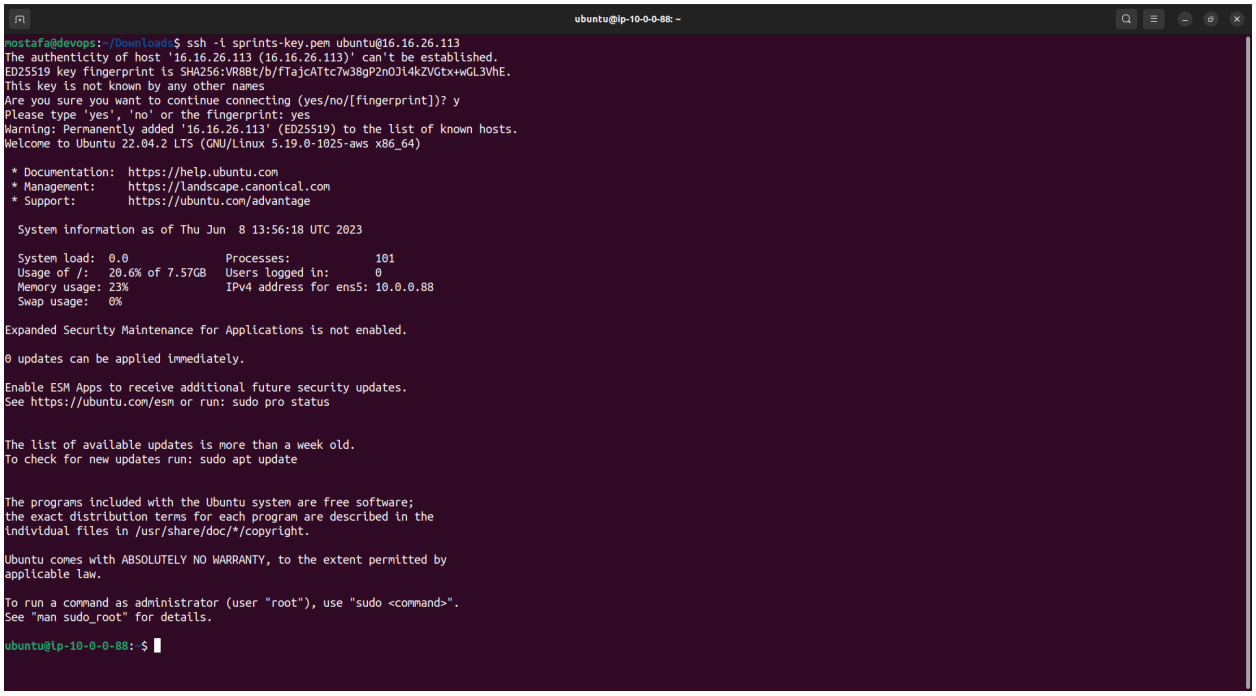
Lab 1

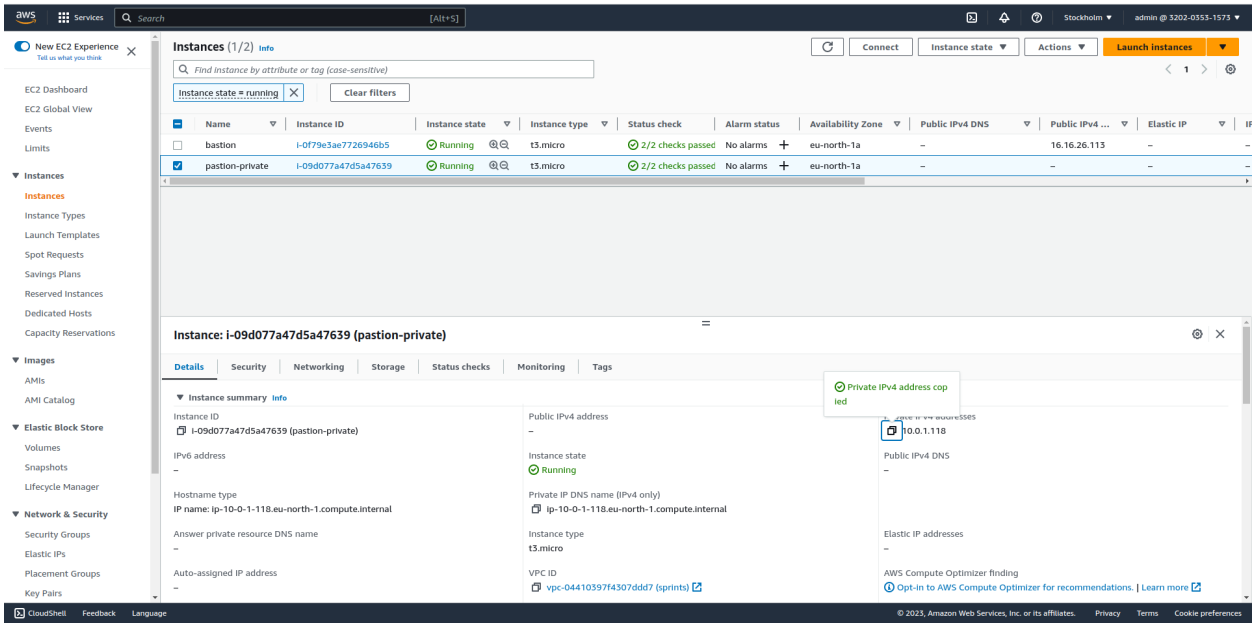
bastion ec2



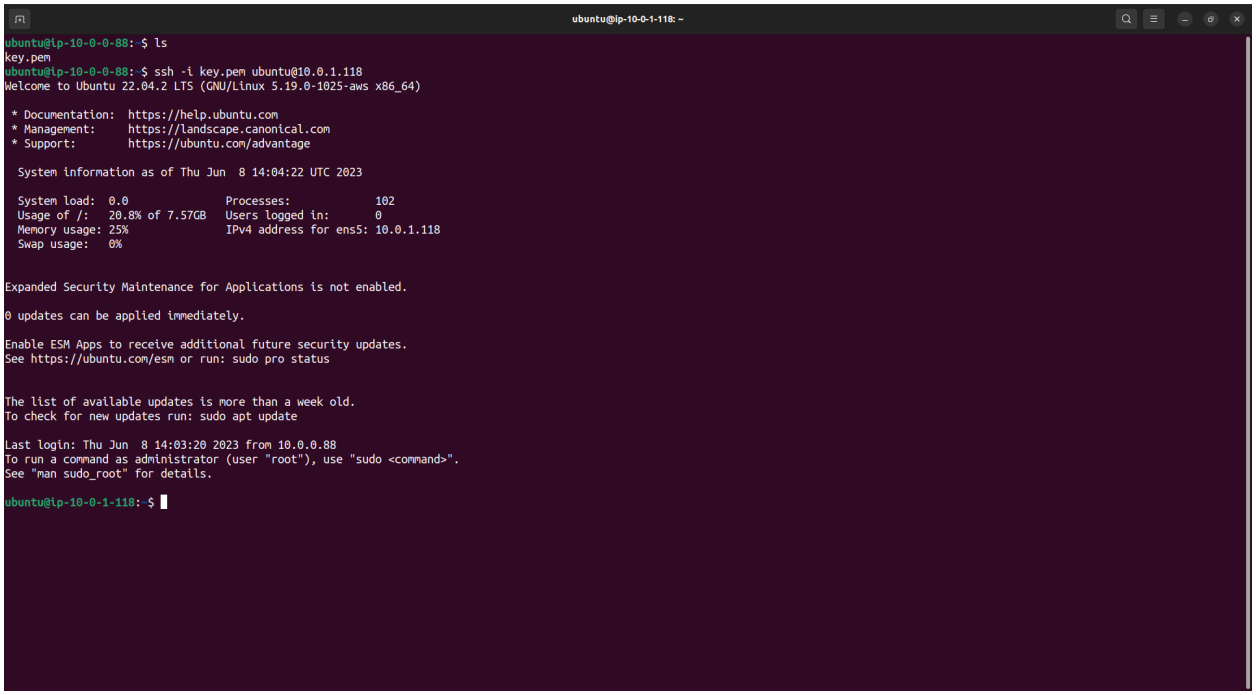
Connecting to public ec2



Private ec2



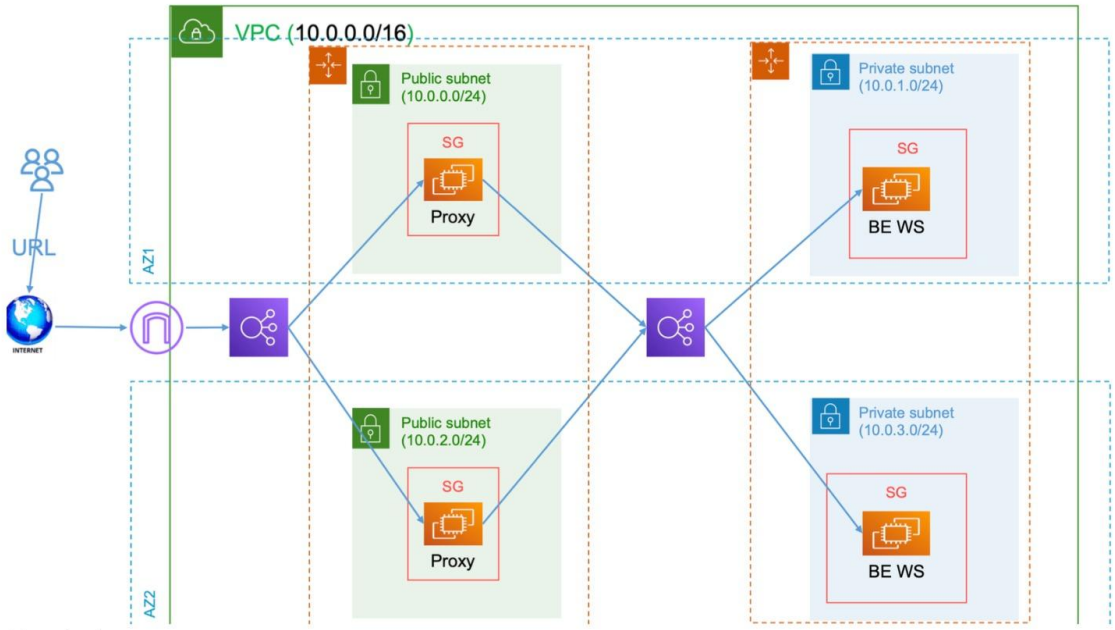
Connecting to private ec2 throw bastion ec2



Lab 2

Question1:

Implement a vpc with cidr 10.0.0.0/16 with 2 public subnets with cidrs 10.0.0.0/24 and 10.0.0.2.0/24 with a load balancer to Distribute the traffic between 2 machines with nginx installed in them as a proxy and 2 private subnets with the below cidrs 10.0.1.0/24 and 10.0.0.3.0/24 then a 2 instances attached in autoscaling in the private subnets with apache installed without SSH and load balancer to install between them



Needed :

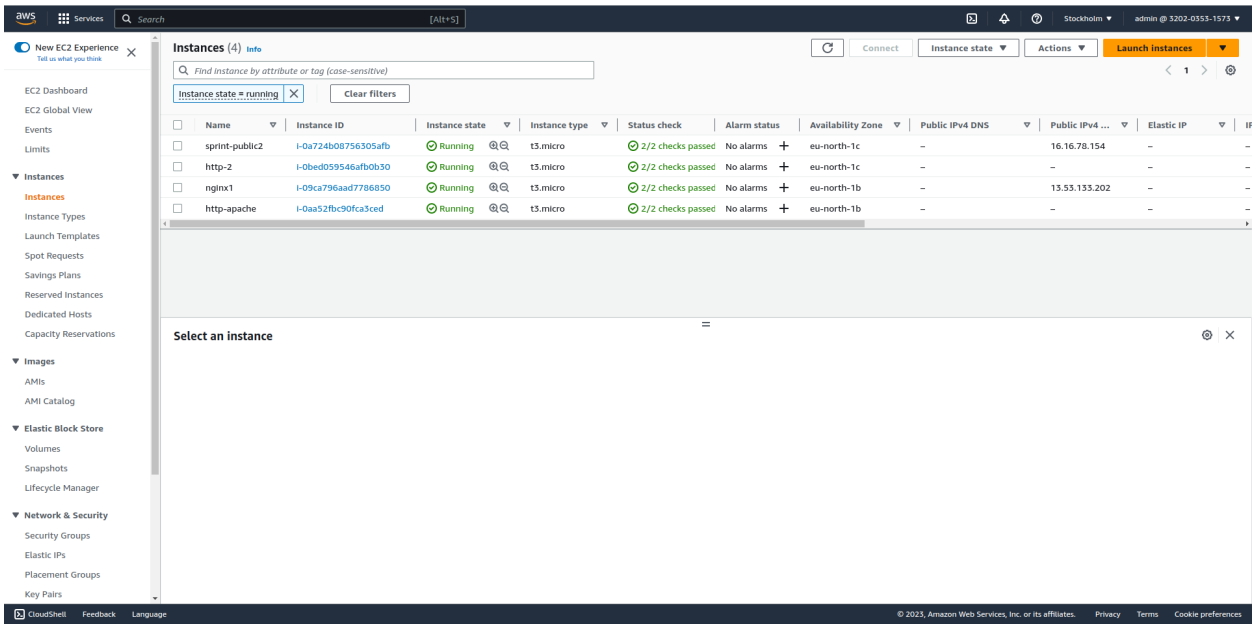
A screenshot from the autoscaling group after indicating the minimum ,maximum and desired instances

Screenshot from the 2 target groups indicating the machines are healthy

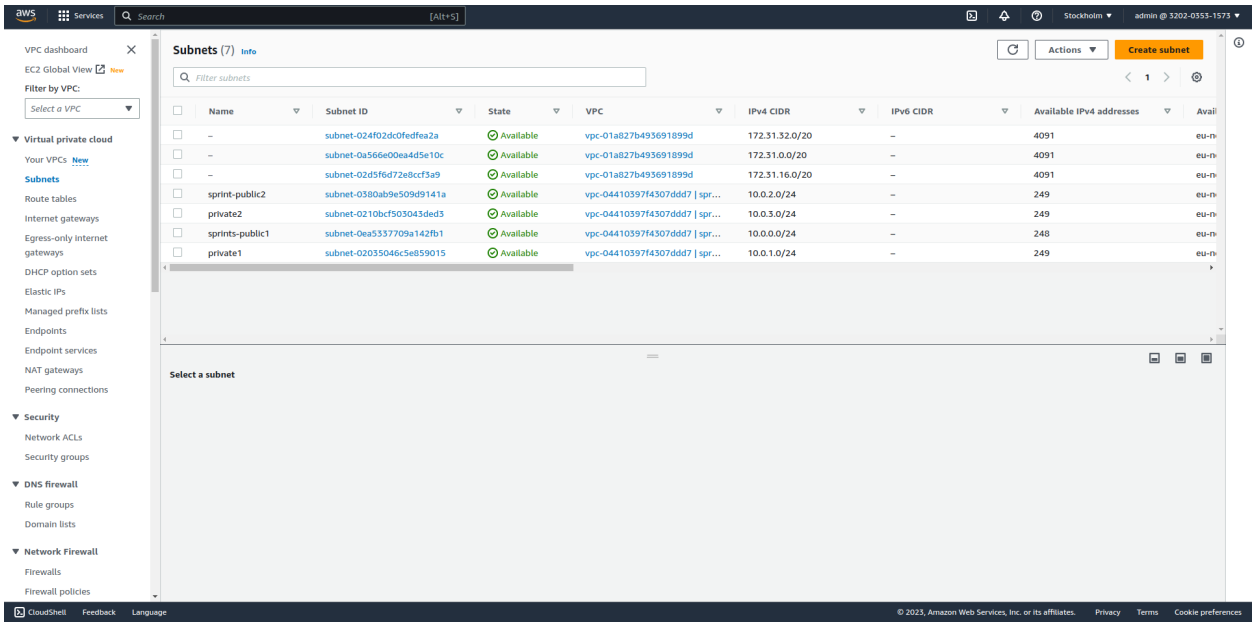
Screenshot indicate the the machines BE WS are private

Screenshot from the public load balancer when you hit a request from it from a browser with a response returned from the instances

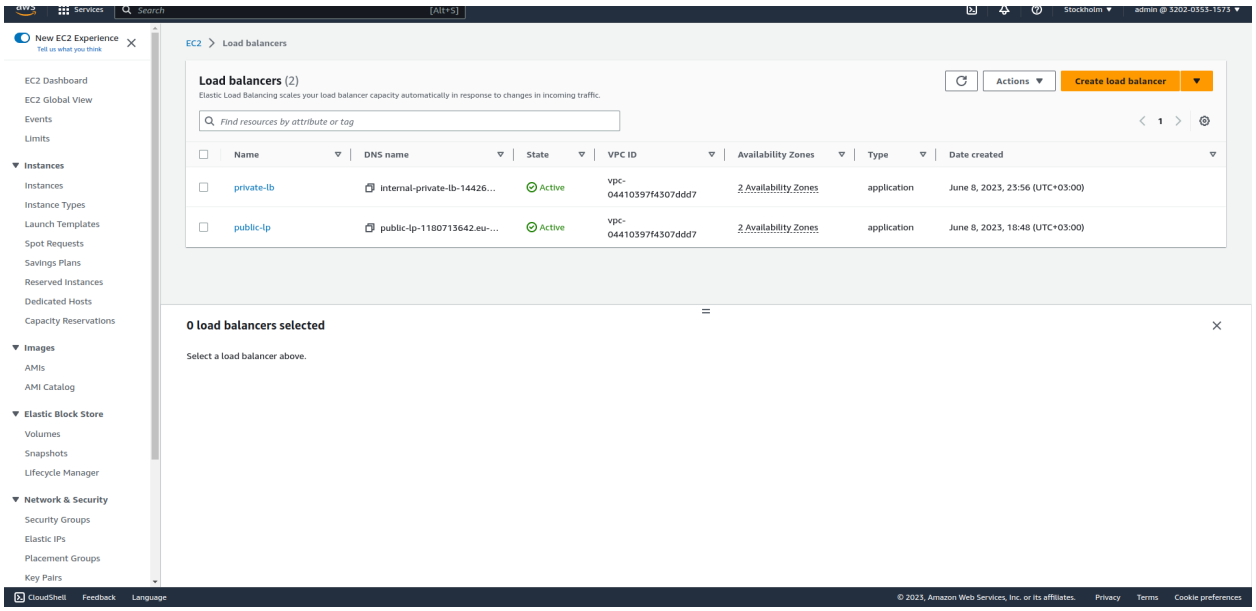
Instances



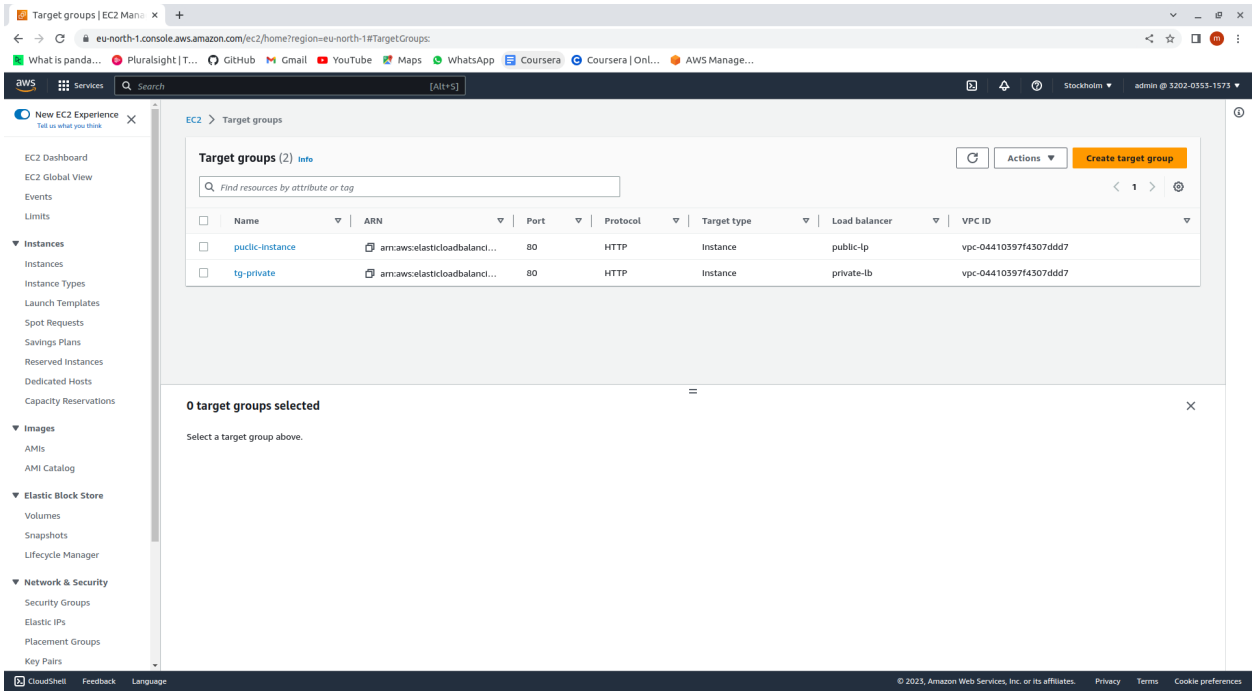
Subnets



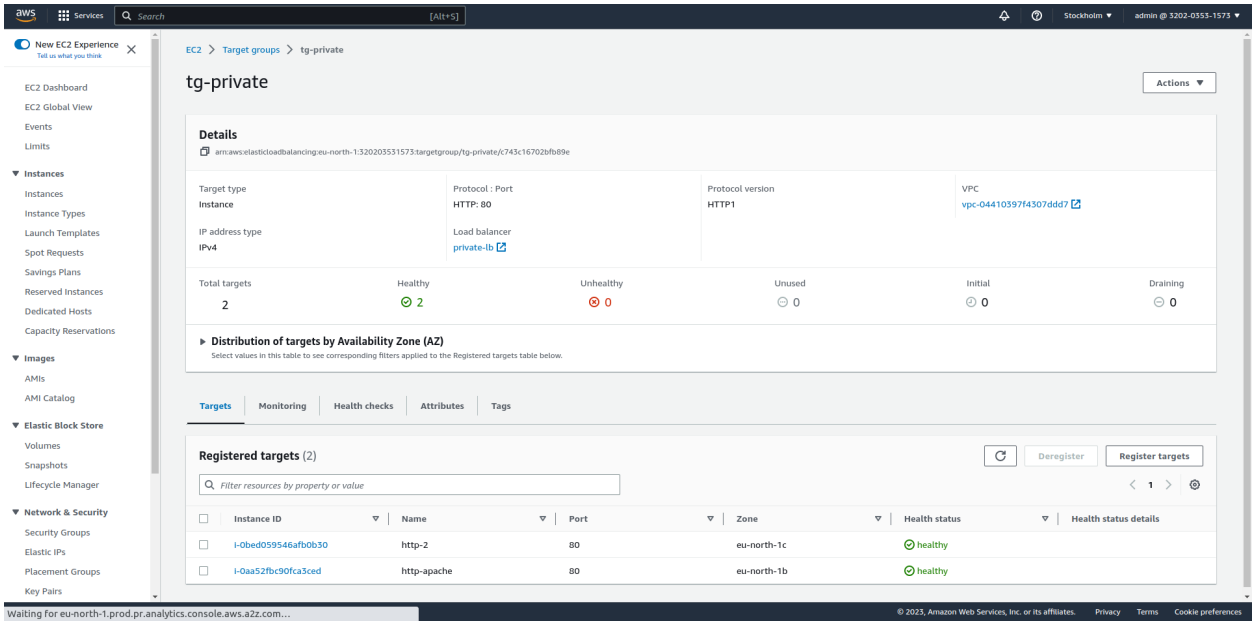
Load balancer



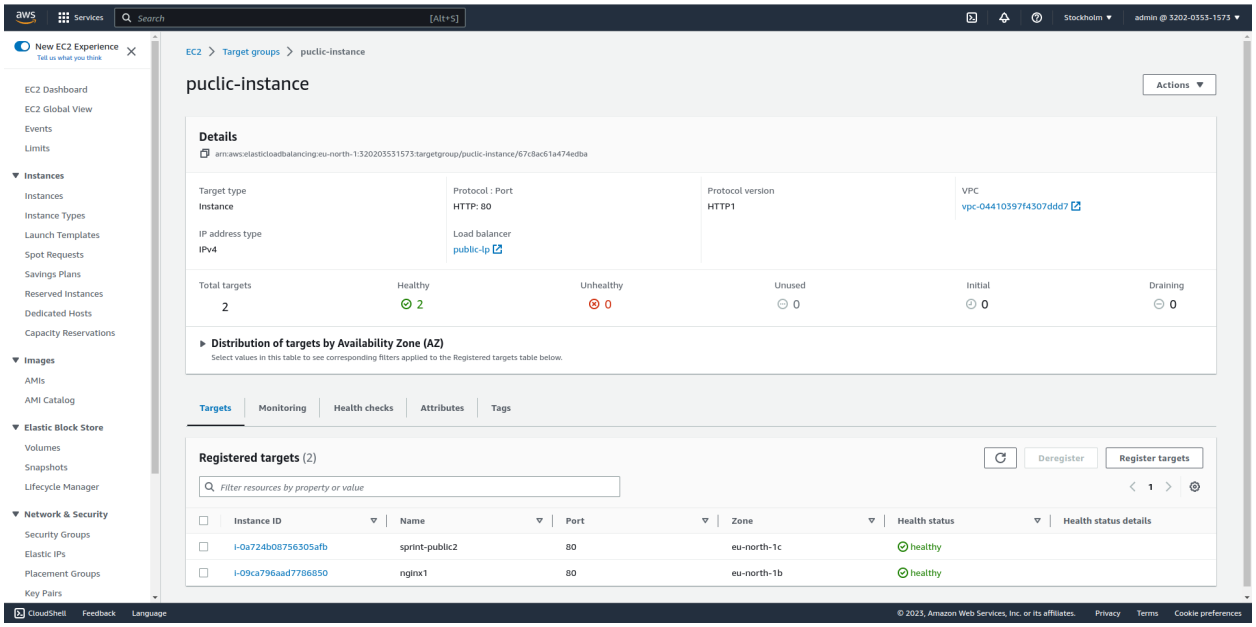
Targets group



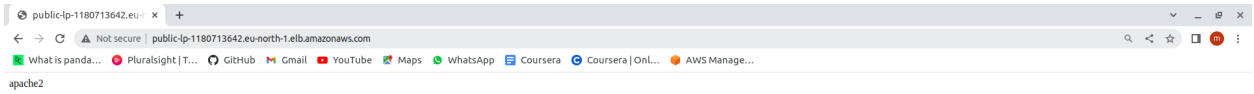
Private Target group with healthy ec2s



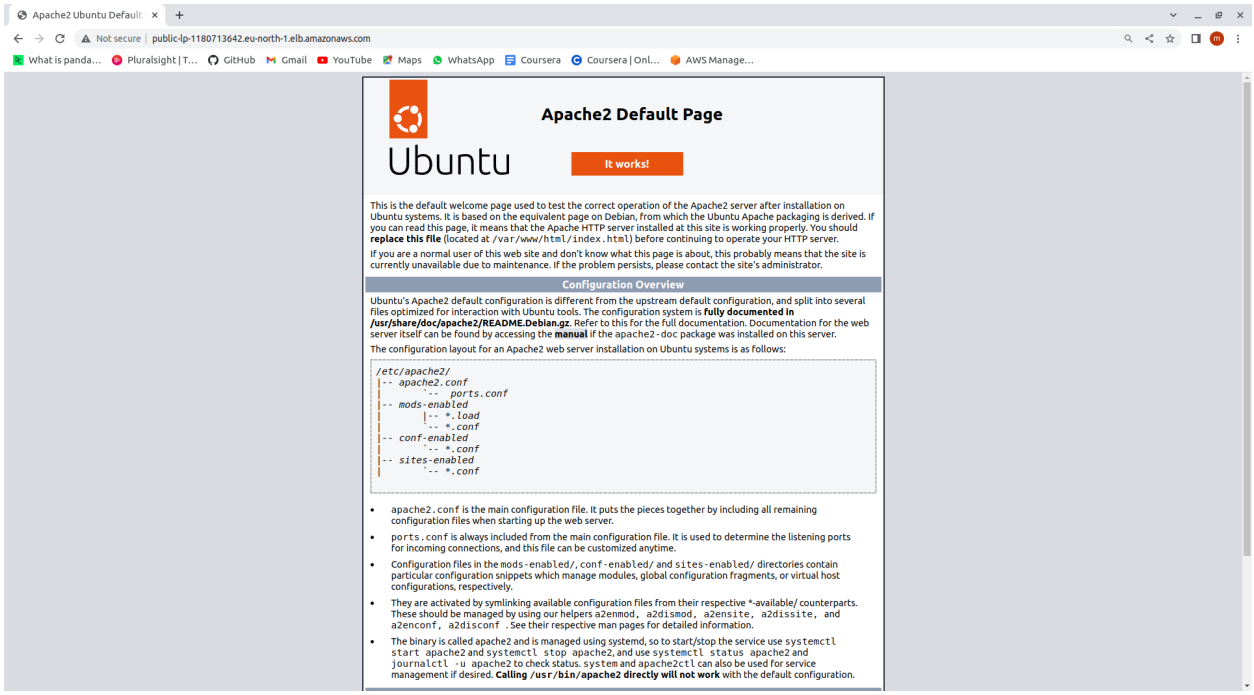
Public target group with healthy ec2s



Private ec2 after calling the public load balancer



Private ec2 after calling the public load balancer



Auto scaling group