Practice 3
Inventory App with 2 EC2 and MySQL RDS database

We need to read the AWS CLI documentation to know how to launch an EC2 Instance into a VPC (and create key pairs), and also look at the subnet/security groups documentation. Include RDS to that, with ELB to APL

https://docs.aws.amazon.com/rds/index.html

https://aws.amazon.com/elasticloadbalancing/

https://docs.aws.amazon.com/vpc/latest/userguide/vpc-subnets-commands-example.html

https://awscli.amazonaws.com/v2/documentation/api/latest/reference/ec2/run-instances.html

https://awscli.amazonaws.com/v2/documentation/api/latest/reference/ec2/create-security-group.html

https://awscli.amazonaws.com/v2/documentation/api/latest/reference/ec2/authorize-security-group-ingress.html
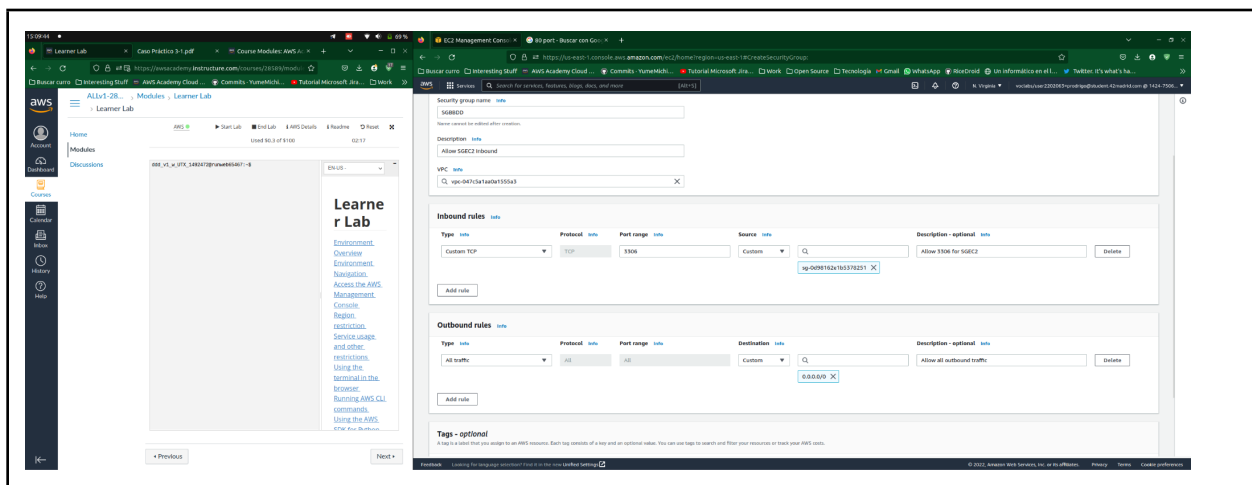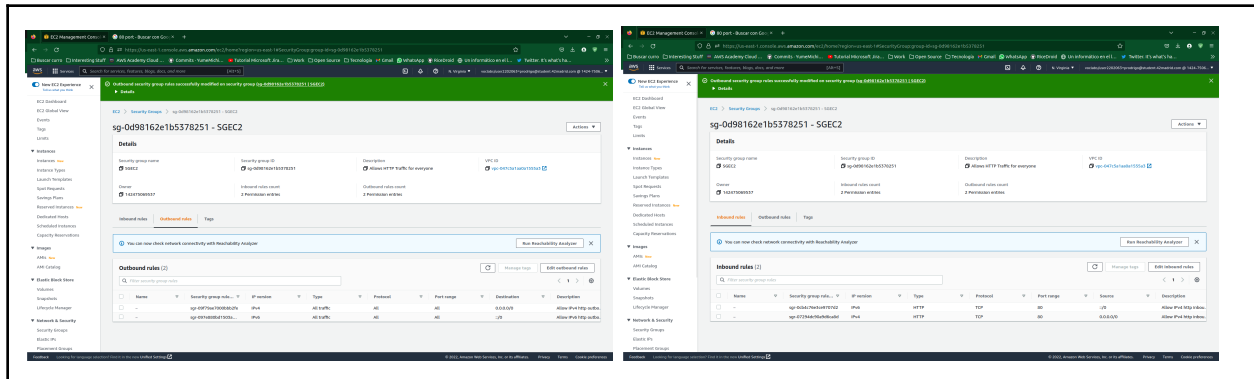
Procedure

We click on Start Lab in order to do so, and we also want to open the AWS Management Console tab (even though we are not really using it in this learner lab) so we can take our required screenshots. An AWS CLI shell will open after some time.
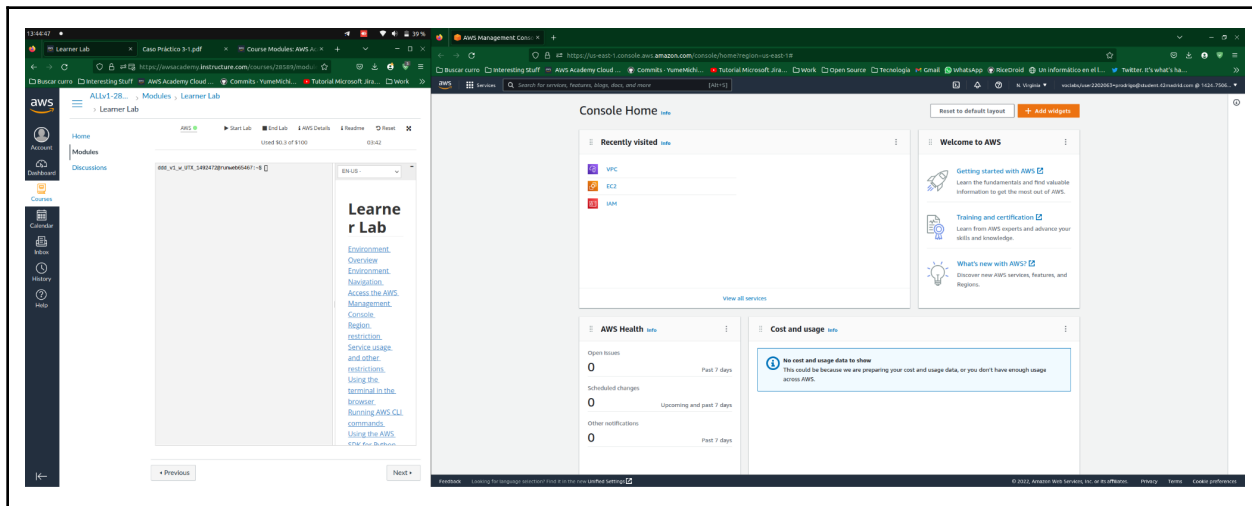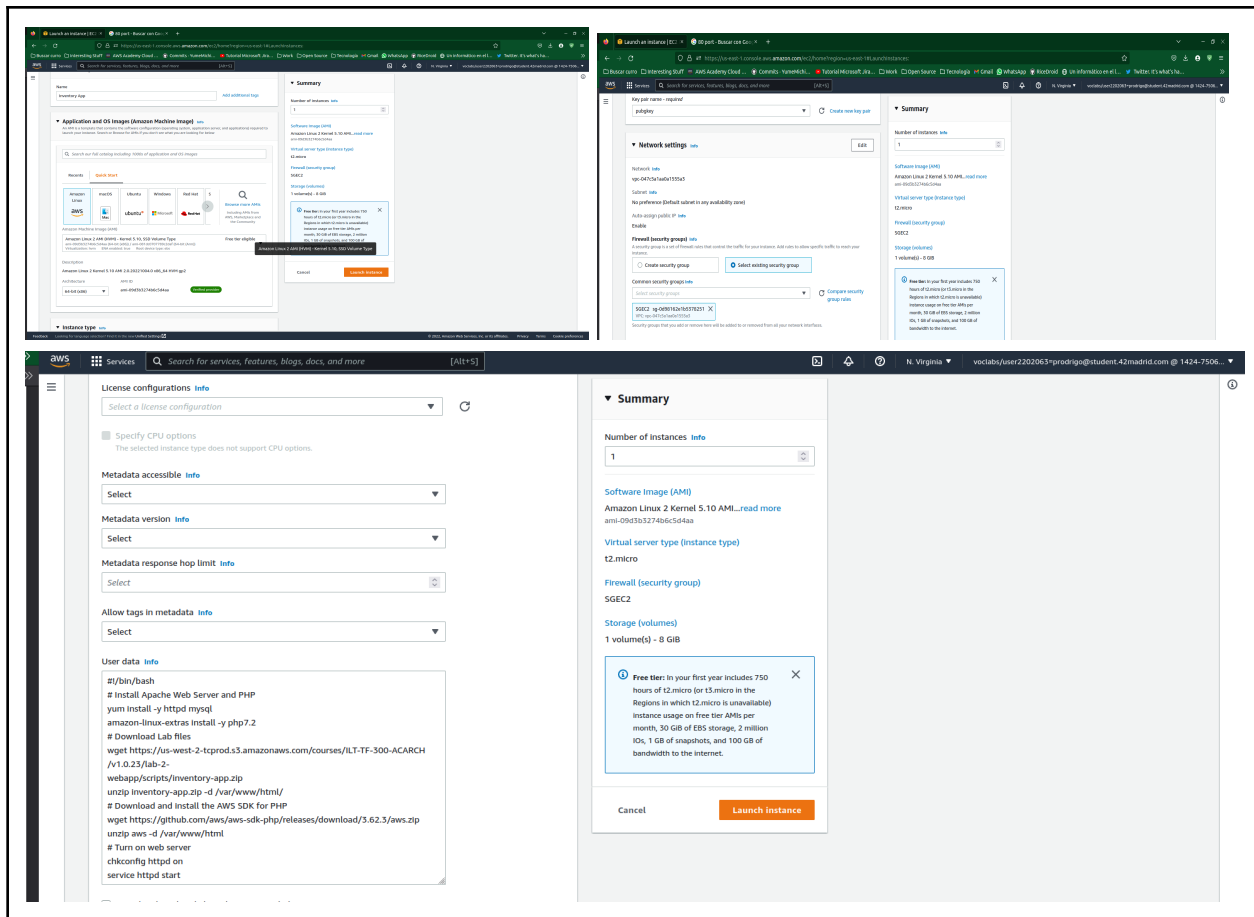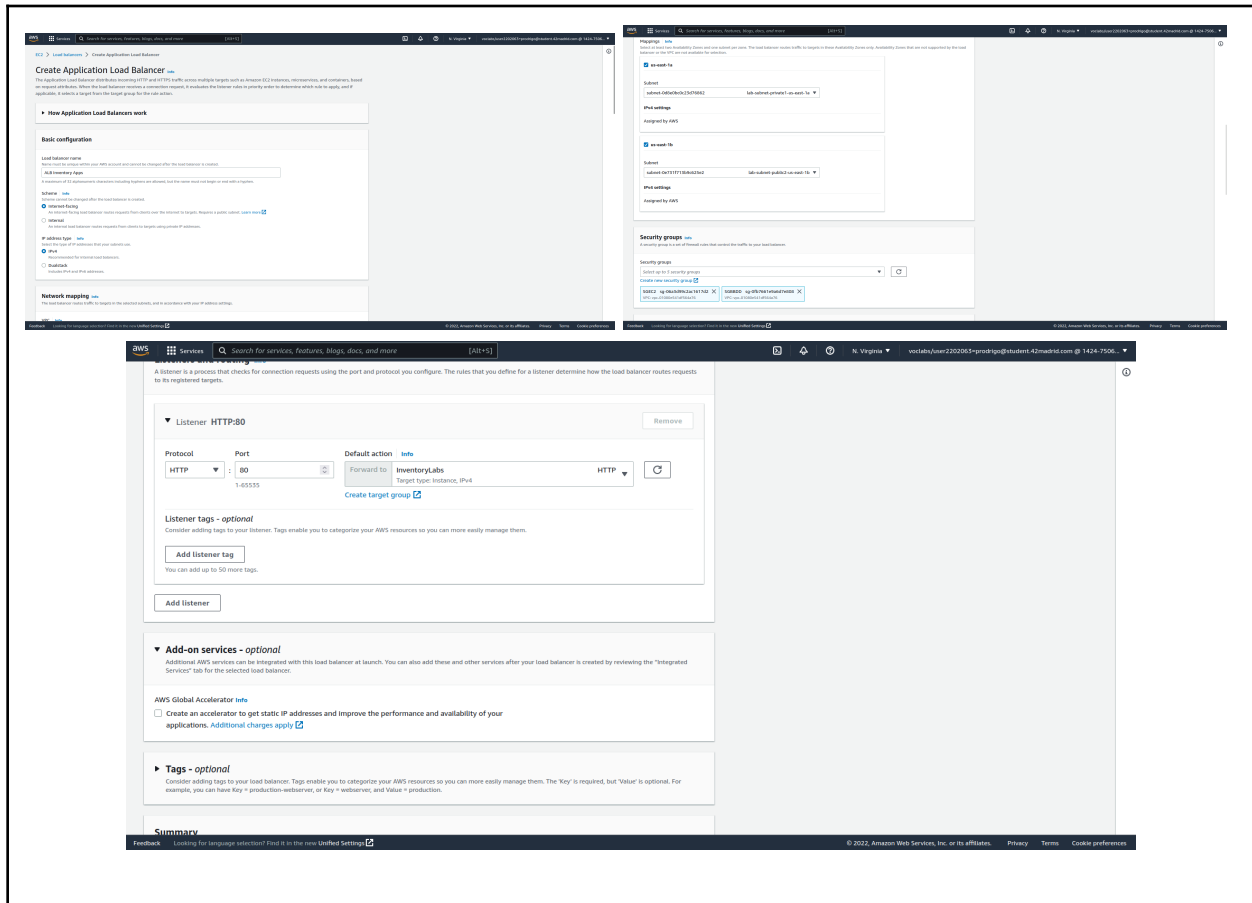

Create the security groups:

Create the EC2 Inventory app machine and assign its role

Create the RCS BBDD

Create the second EC2 machine with a different availability zone and create a load balancer.

Whenever we have finished, press End Lab to end the laboratory.