LOAD BALANCER :

Step 1: Launch the two instances on the AWS management console named Instance A and Instance B. Go to services and select the load balancer. To create AWS free tier account refer to Amazon Web Services (AWS) – Free Tier Account Set up

Step 2: Click on Create the load balancer.

Step 3: Select Application Load Balancer and click on Create.

Step 4: Here you are required to configure the load balancer. Write the name of the load balancer. Choose the scheme as internet facing.

Step 5: Add at least 2 availability zones. Select us-east-1a and us-east-1b

Step 6: We don't need to do anything here. Click on Next: Configure Security Groups

Step 7: Select the default security group. Click on Next: Configure Routing

Step 8: Choose the name of the target group to be my target group. Click on Next: Register Targets

Step 9: Choose instance A and instance B and click on Add to register. Click on Next: Review

Step 10: Review all the configurations and click on create

AMAZON INSPECTOR :

Step 1: Create an EC2 instance: To begin, if you do not already have an AWS account, sign up for an AWS Free Tier Account. Second, we'

ll start a Linux EC2 instance.

1. **Select Launch Instance.2. Choose Amazon Linux AMI(HVM), SSD Volume Type from the drop-down menu. 3. Select Subnet and enable Auto-assignment of public IP addresses. 4. Create a Tag for your Amazon EC2 instance. 5. Configure the Security Group and choose EC2-SG (existing security group)**

Step 2: Edit Security Group and Open Port 21: Once the EC2 instance has been launched, we must modify the security group and open port 21.

Step 3: Create an Assessment Template: Following the assessment aim, create an assessment template

1. **Please provide a name for it: K21assessmenttemp 2. Set Duration: 15 minutes (as its demo) 3. Uncheck the Assessment Schedule and then press Next**

Step 4: Assessment Run will begin automatically. Now, go back to the findings and go over the risk.

Step 5: Delete Open Ports: Return to EC2 and delete open ports.

Step 6: Once the open ports have been successfully deleted, we will conduct the Assessment and analyze the findings; this time, there is no High-risk showing