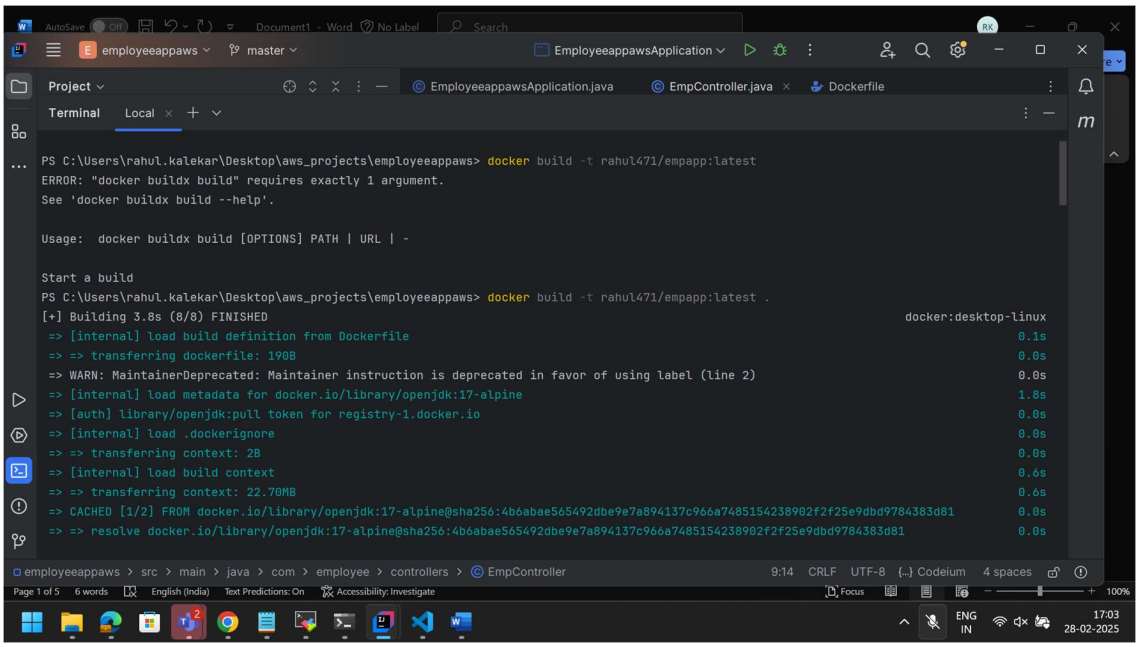
LAB-EXAM-7

AWS-EKS

Rahul C Kalekar

Using eksctl

Creating the image



Pushing it to ECR

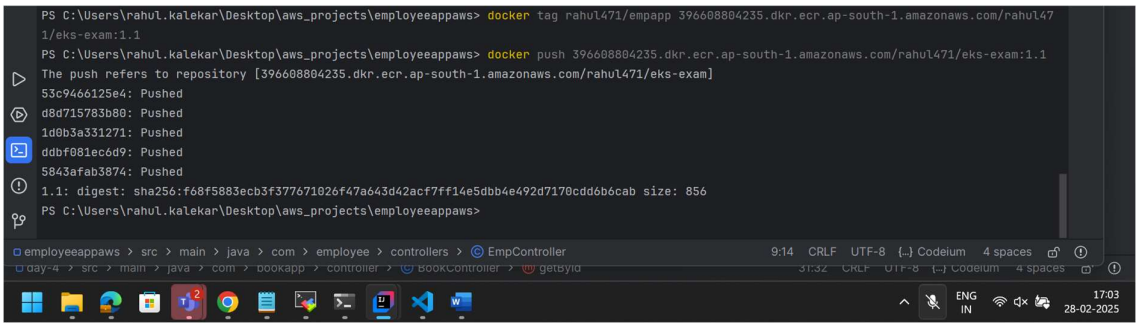
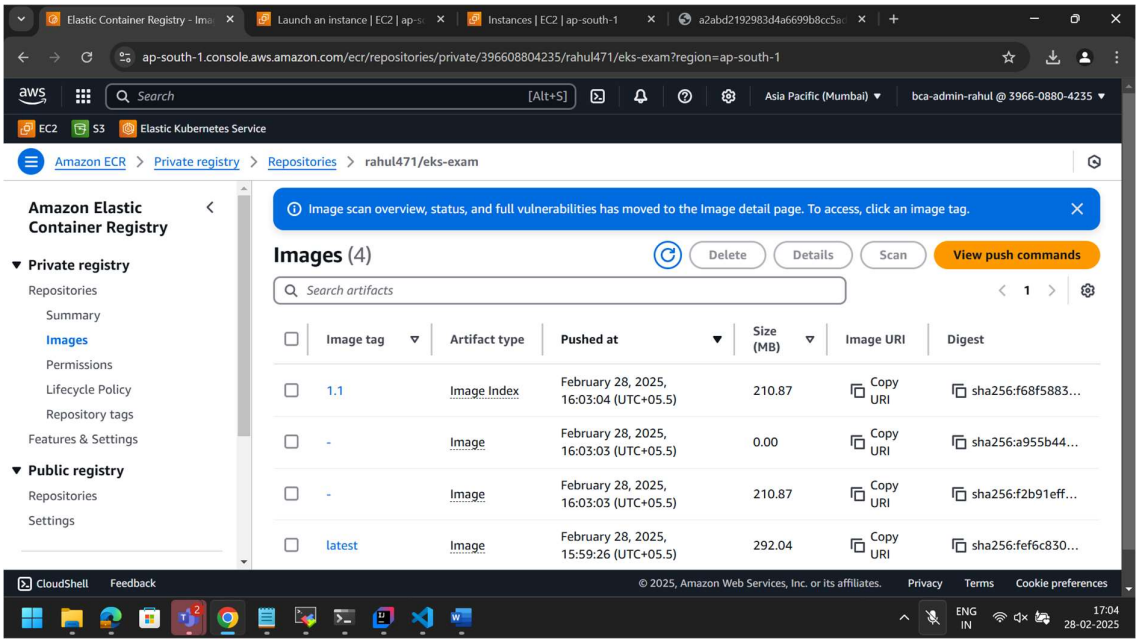
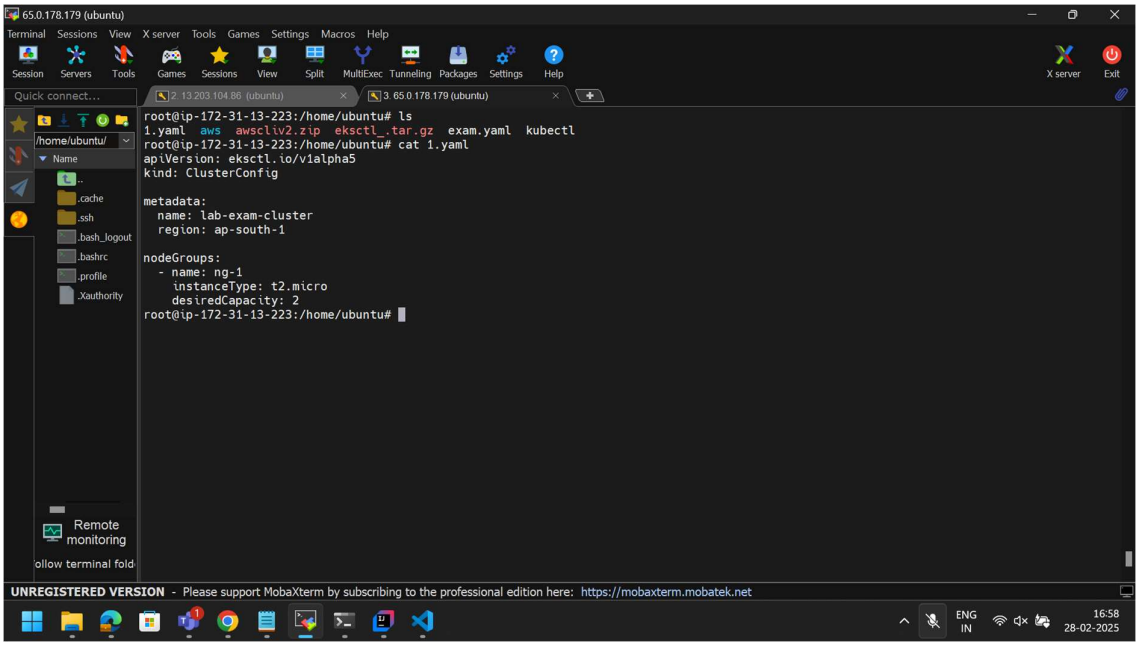


Image on ECR



Configuring cluster


65.0.178.179 (ubuntu)
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
X server Exit
Quick connect...
2. 13.203.104.86 (ubuntu)
3. 65.0.178.179 (ubuntu)
/home/ubuntu/
Name
.cache
.ssh
.bash_logout
.bashrc
.profile
.Xauthority
Remote monitoring
ollow terminal fold
root@ip-172-31-13-223:/home/ubuntu# ls
1.yaml aws awscliv2.zip eksctl_.tar.gz exam.yaml kubectl
root@ip-172-31-13-223:/home/ubuntu# cat 1.yaml
apiVersion: eksctl.io/v1alpha5
kind: ClusterConfig
metadata:
name: lab-exam-cluster
region: ap-south-1
nodeGroups:
- name: ng-1
instanceType: t2.micro
desiredCapacity: 2
root@ip-172-31-13-223:/home/ubuntu#
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16:58
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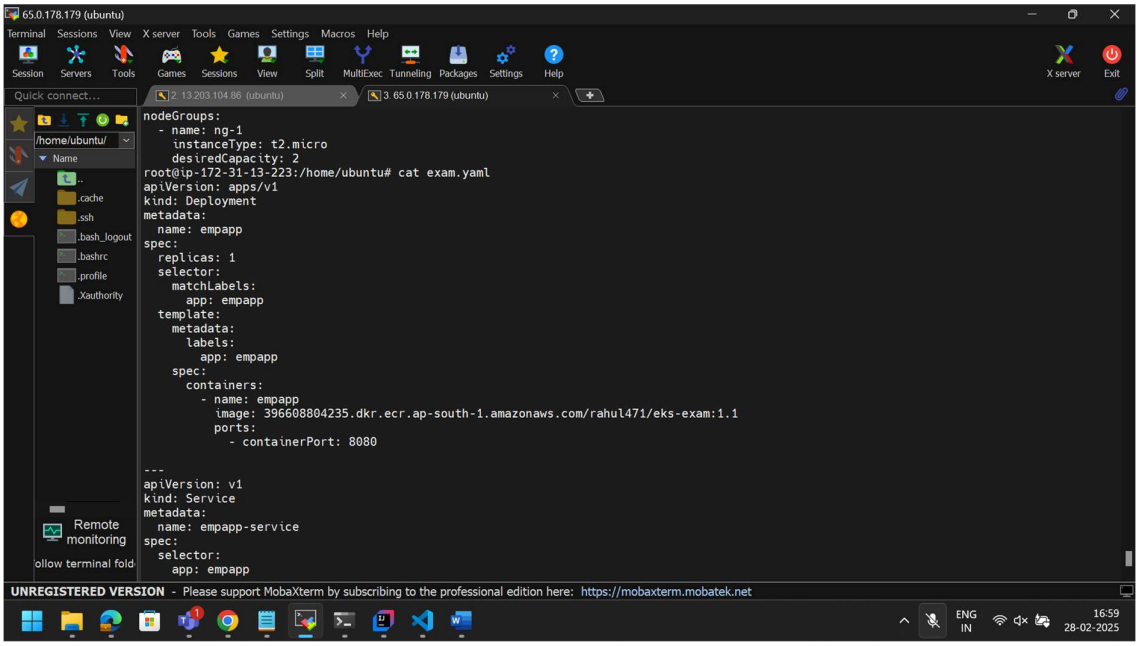
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/home/ubuntu/
Name
.cache
.ssh
.bash_logout
.bashrc
.profile
.Xauthority
Remote monitoring
ollow terminal fold
nodeGroups:
- name: ng-1
instanceType: t2.micro
desiredCapacity: 2
root@ip-172-31-13-223:/home/ubuntu# cat exam.yaml
apiVersion: apps/v1
kind: Deployment
metadata:
name: empapp
spec:
replicas: 1
selector:
matchLabels:
app: empapp
template:
metadata:
labels:
app: empapp
spec:
containers:
- name: empapp
image: 396608804235.dkr.ecr.ap-south-1.amazonaws.com/rahul471/eks-exam:1.1
ports:
- containerPort: 8080
---
apiVersion: v1
kind: Service
metadata:
name: empapp-service
spec:
selector:
app: empapp
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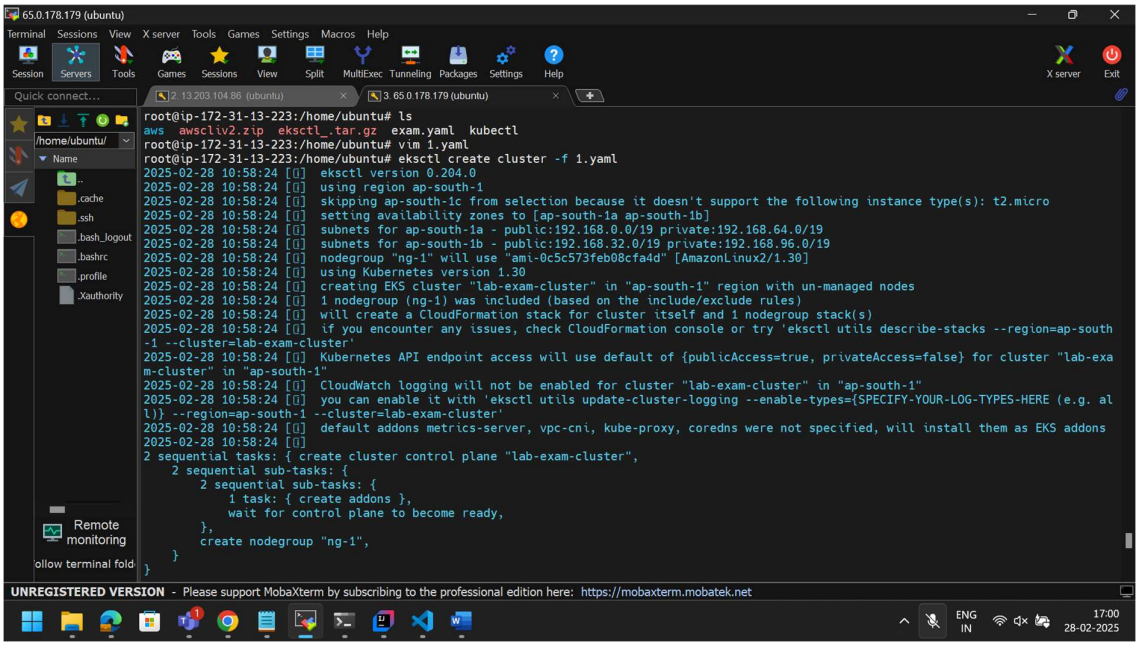
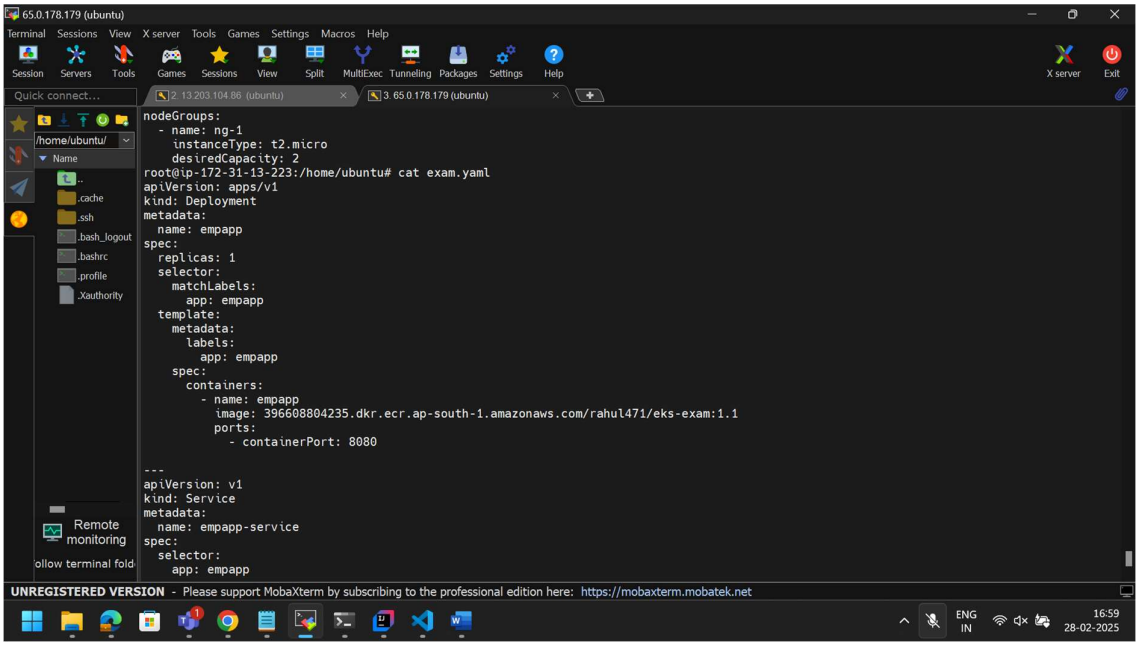
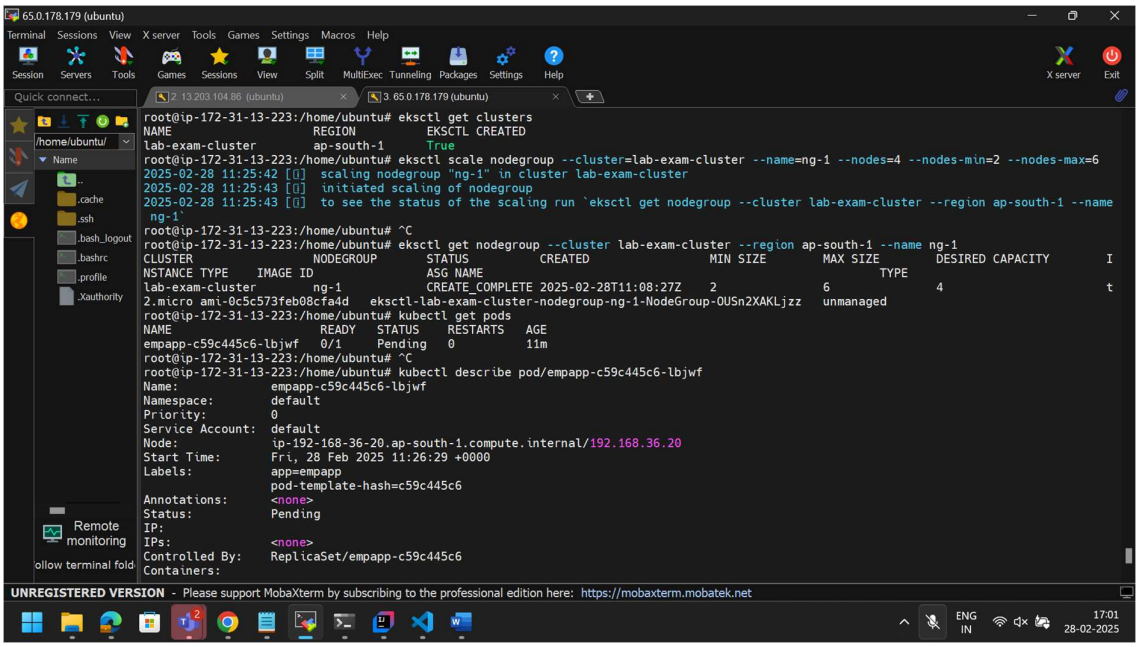
Creating cluster



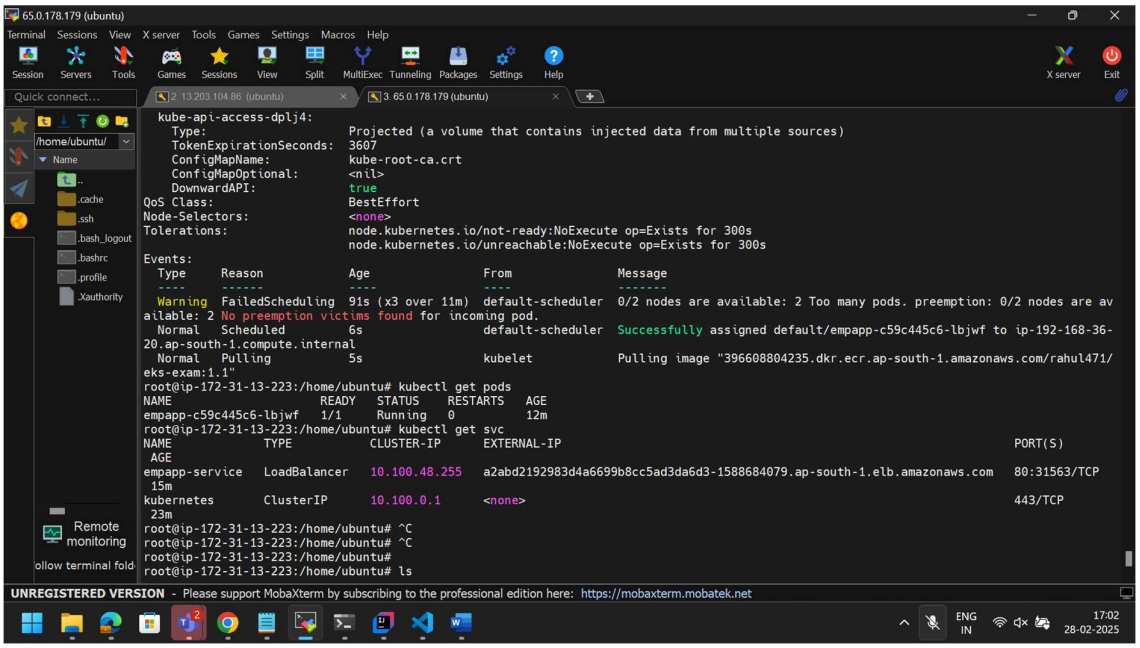
Configuring deployment



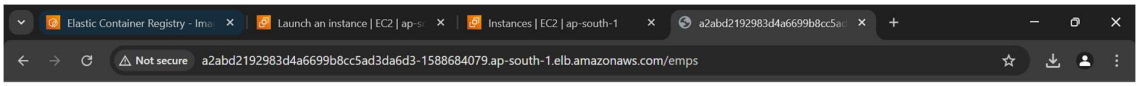
Scaling resources because it was not enough



Now we get the pod running status, use the external ip



Running on external ip


Elastic Container Registry - Ima
Launch an instance | EC2 | ap-s
Instances | EC2 | ap-south-1
a2abd2192983d4a6699b8cc5ad
Not secure
a2abd2192983d4a6699b8cc5ad3da6d3-1588684079.ap-south-1.elb.amazonaws.com/emps

emp v4: lbjwf

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