10747883-AbhinavGupta-Surprisetest

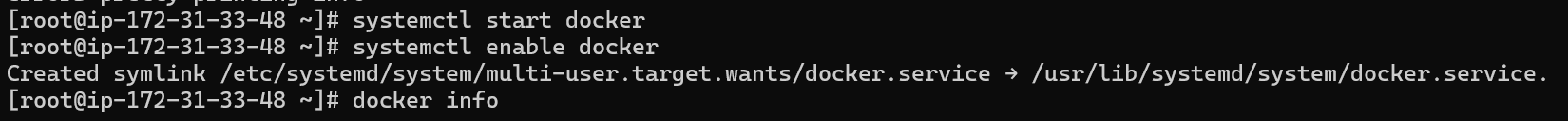
Ans1.

First we will install docker

A screenshot of a computer program

Description automatically generated

Now start docker and enable it.



Now pull httpd

A computer screen with white text

Description automatically generated

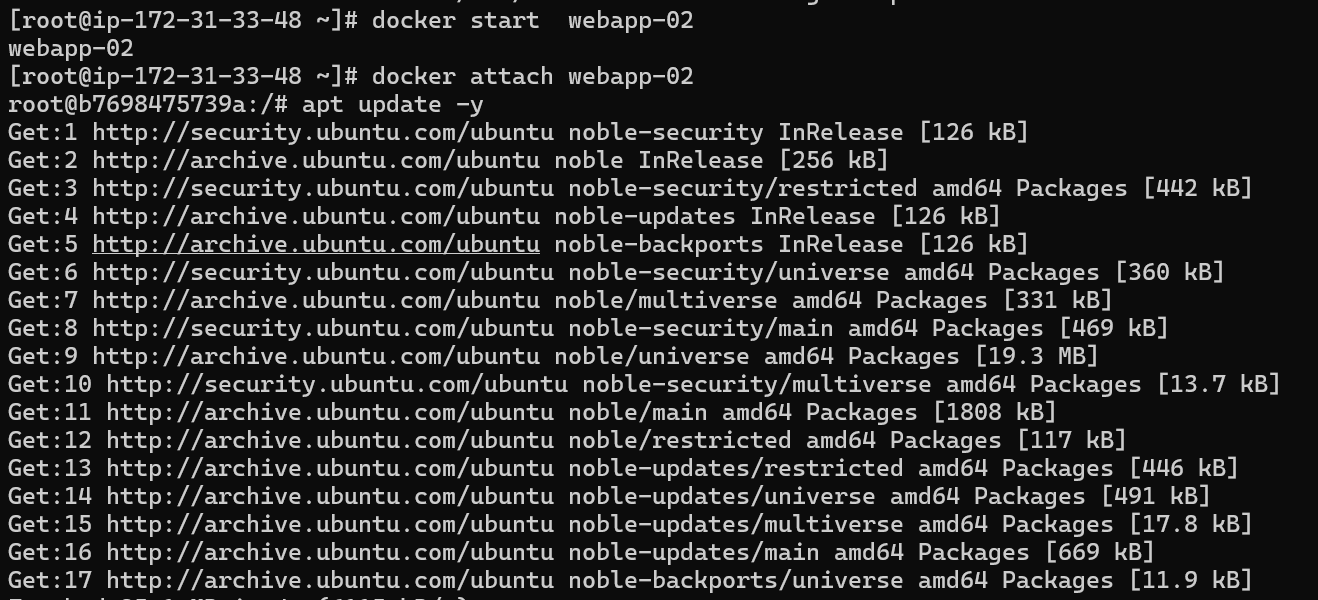
Now pull ubuntu

A screenshot of a computer

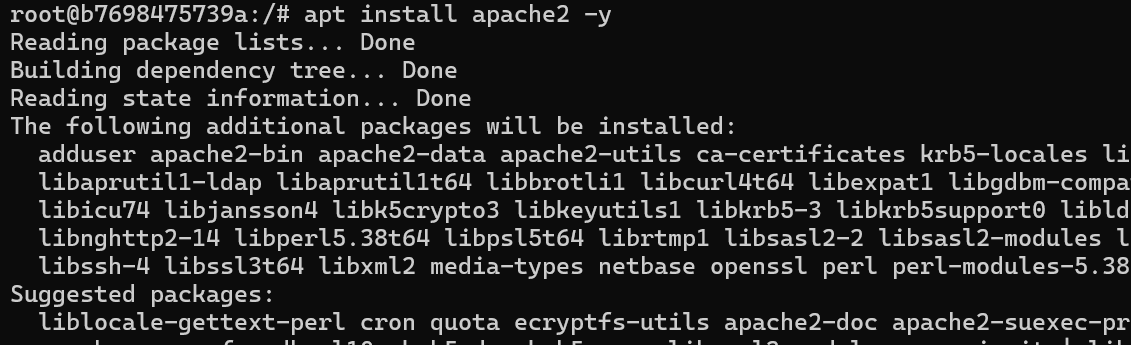
Description automatically generated

Check for containers available and as it is empty now created a webapp container and then started it and then attached it and inside webapp we will first update it and then





Then installed apache2



Start apache2 and check its status and created a file

A screen shot of a computer

Description automatically generated

A screen shot of a computer

Description automatically generated

Here we can see our server at port 80

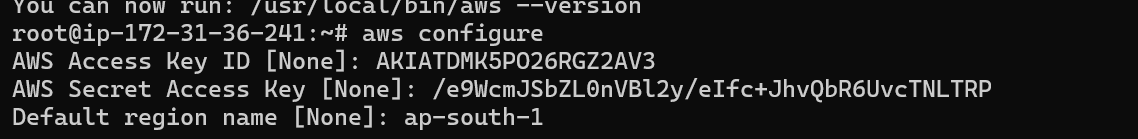
A black background with white text

Description automatically generated

Ans2.

A screenshot of a computer program

Description automatically generated

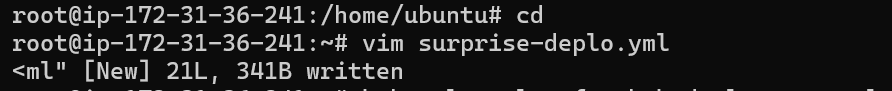


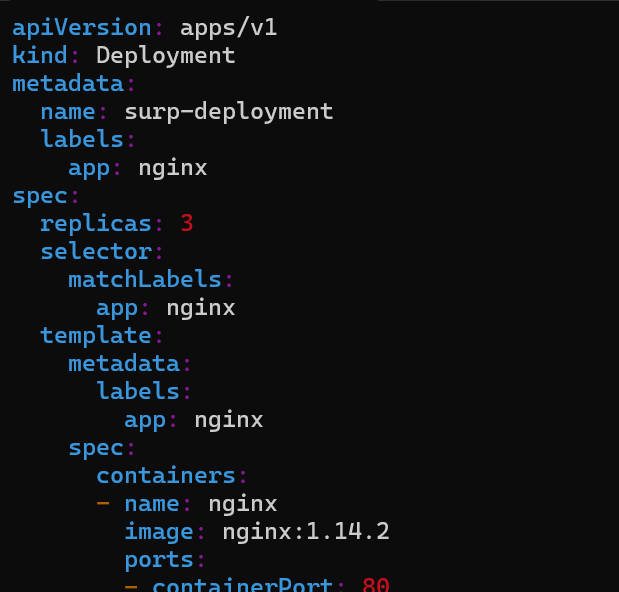
A screen shot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated





A screenshot of a computer program

Description automatically generated

A screenshot of a computer

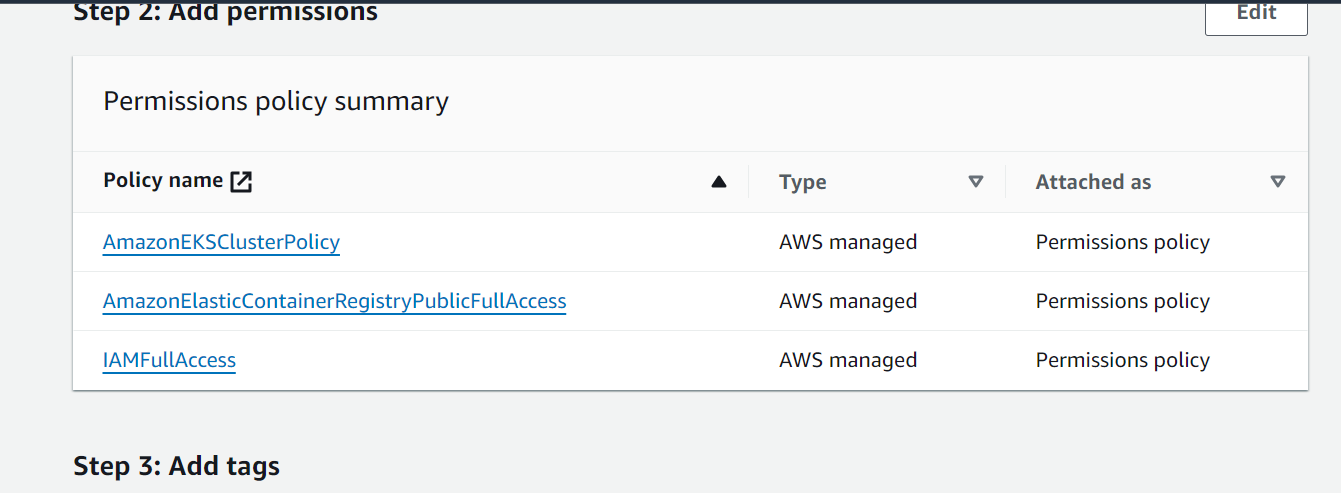
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A screenshot of a computer

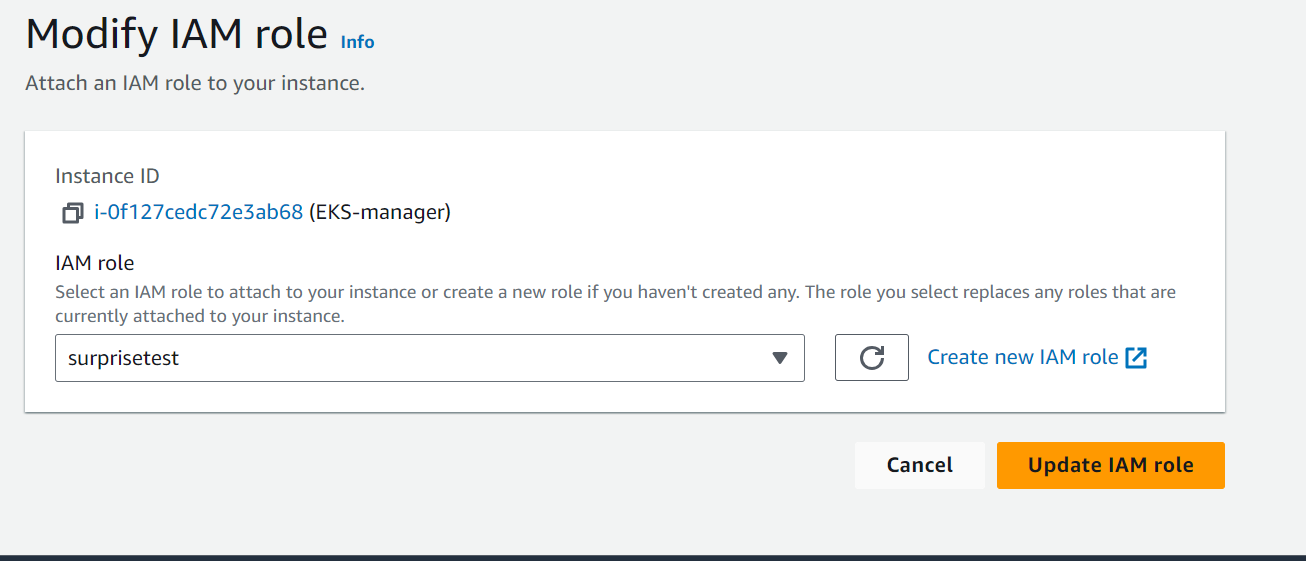
Description automatically generated

Ans3.

Create a new role with three permissions ElasticContainer full access , amazonkscluster policy and IAM full.



Attach it to the EKS server

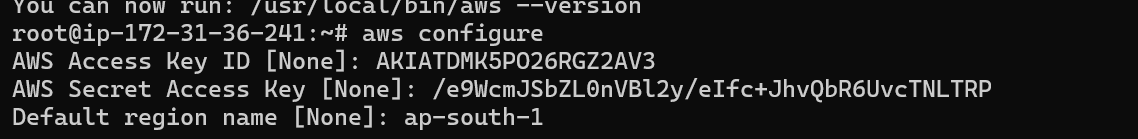


Then install unzip

A screenshot of a computer program

Description automatically generated

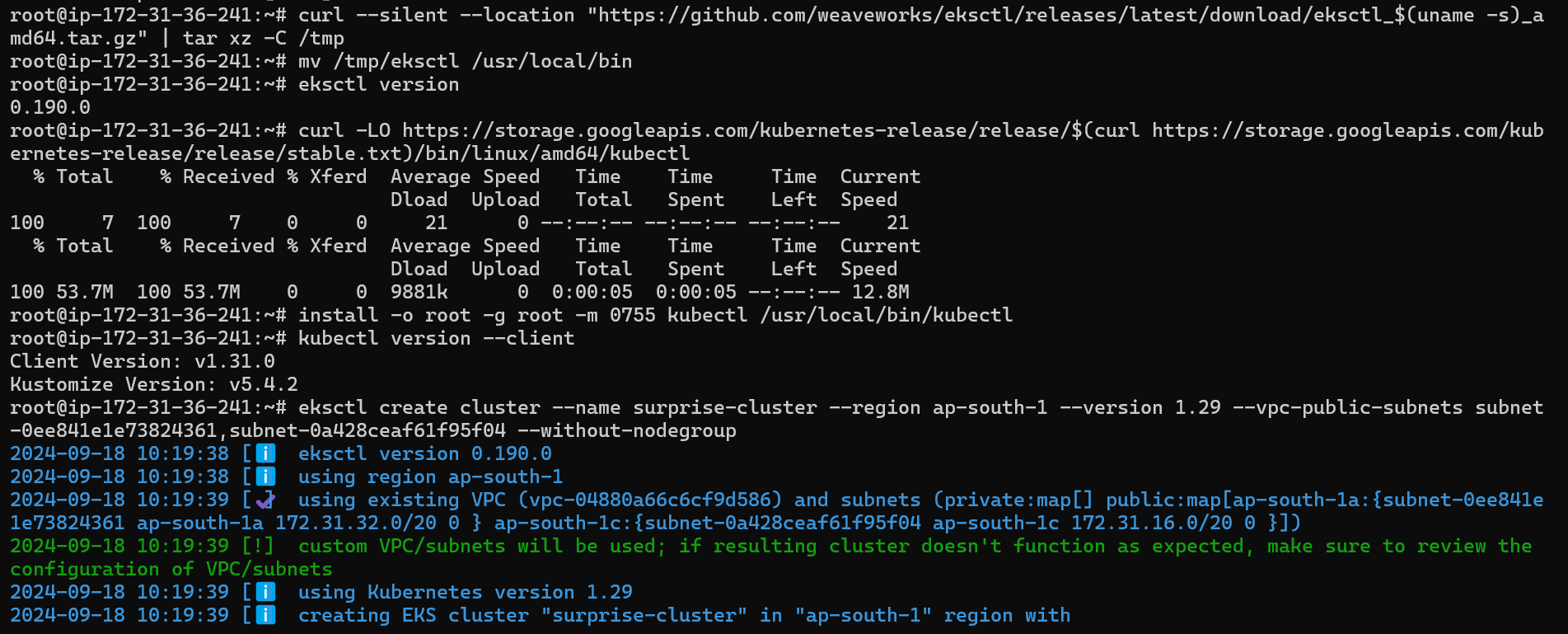
Update aws configuration



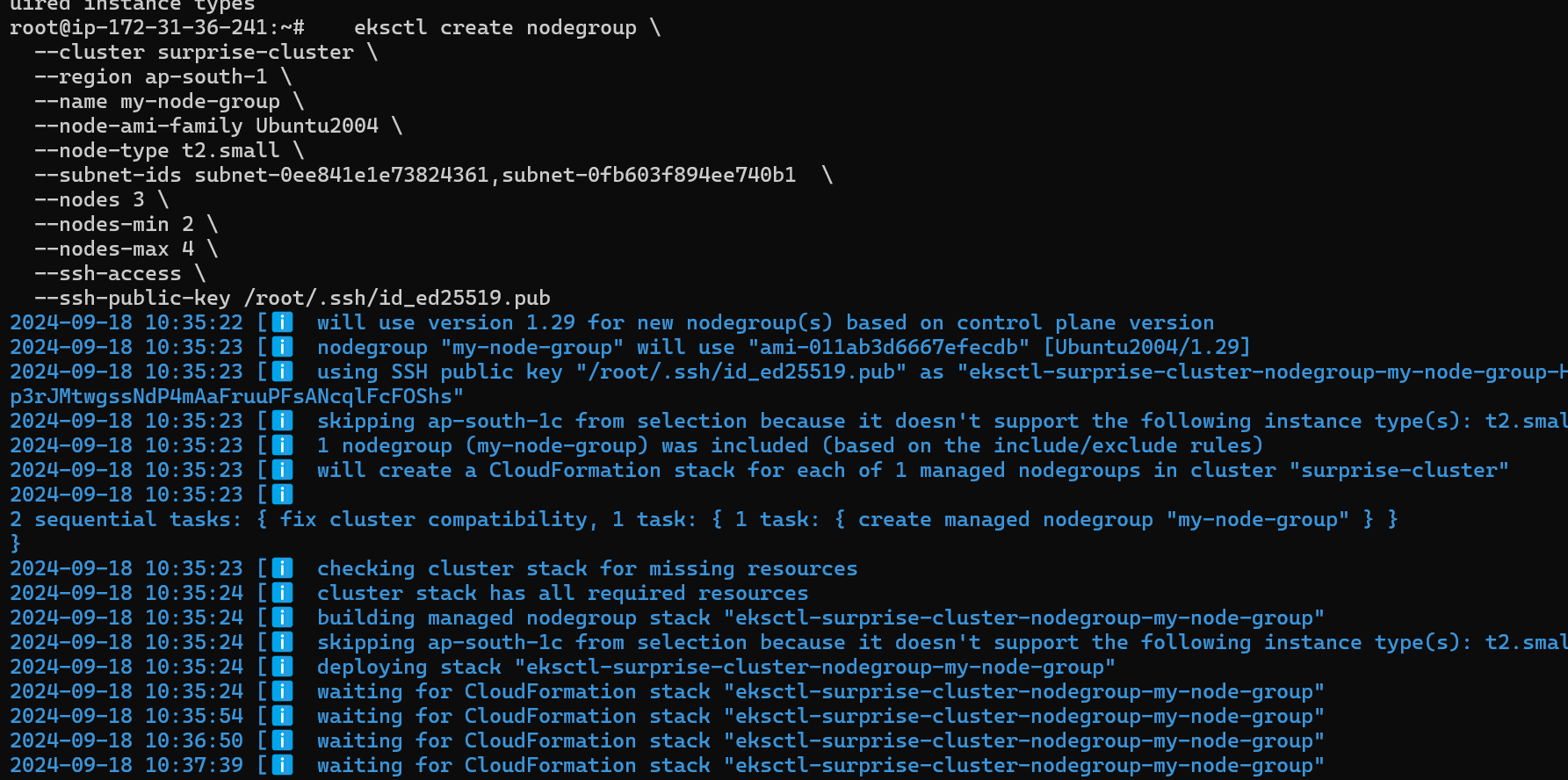
Install EKS tools

Install kubectl

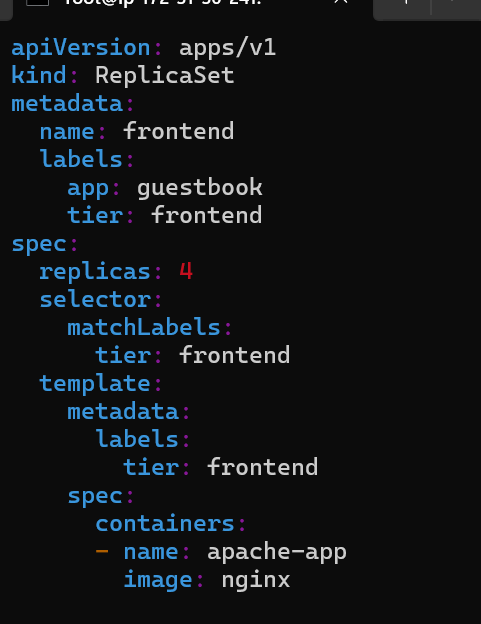
And created EKS cluster

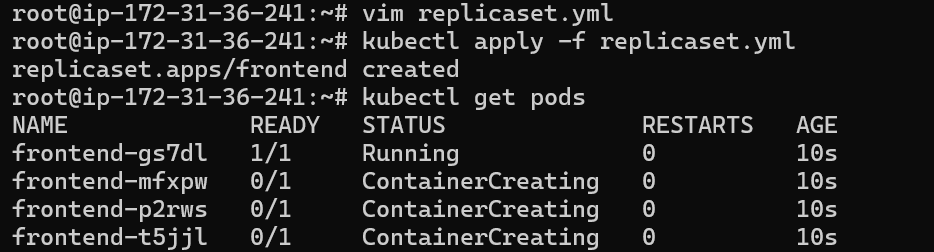


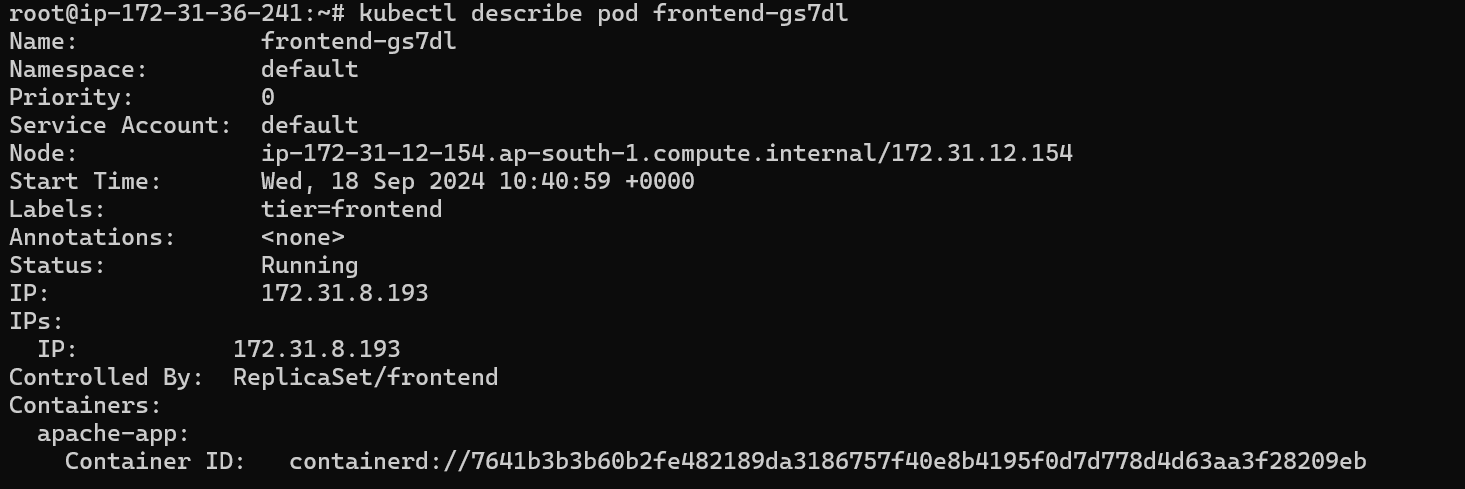
Create node3 group



For replica set we have to create this file







A black screen with white text

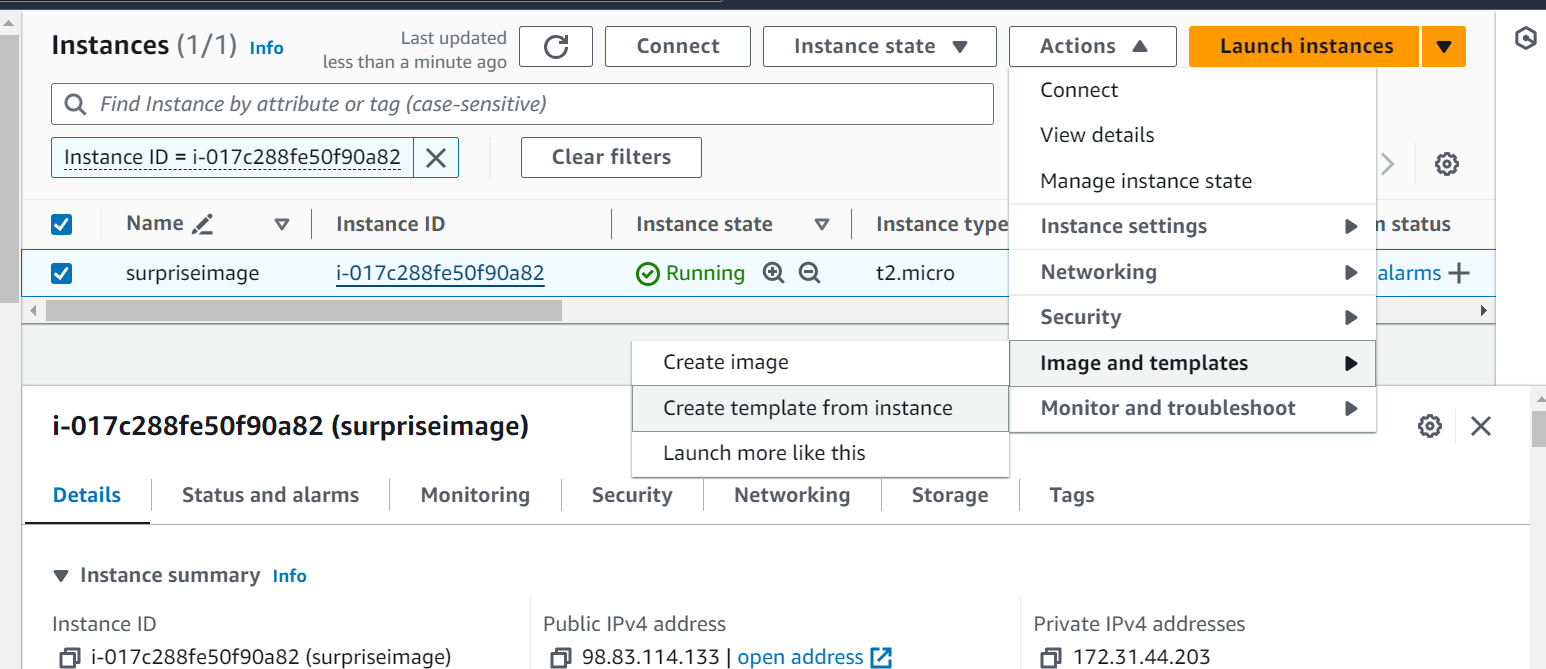
Description automatically generated

A computer screen with white text

Description automatically generated

Ans4

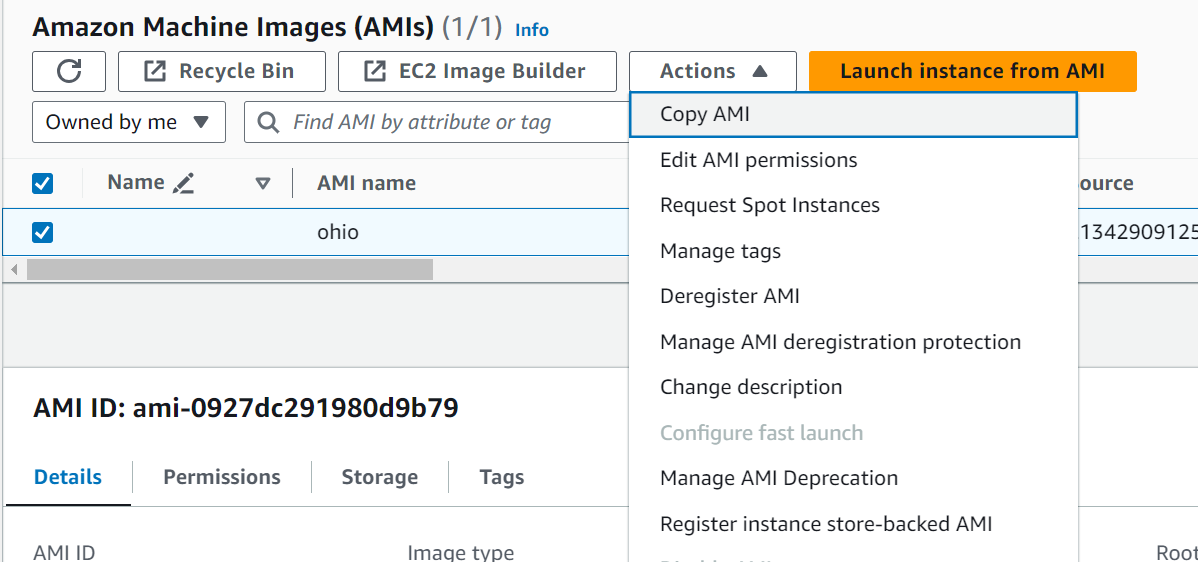
Create one instance then create image then copy image



A screenshot of a computer

Description automatically generated

Copy image

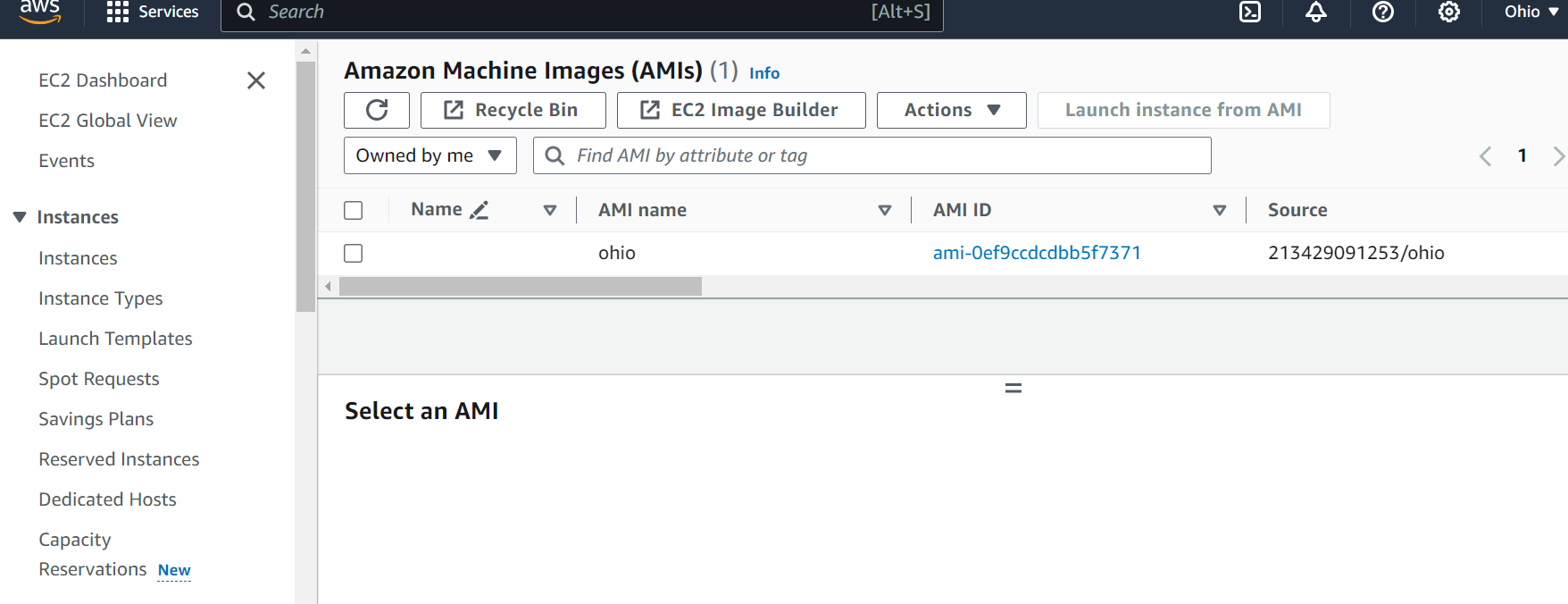


Choose ohio as destination

A screenshot of a computer

Description automatically generated

Now go to ohio regions and ami and launch the image



A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

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Description automatically generated

Ans 5

First install ansible

