Date -02-04.2024

Topic : AMI across AWS regions, Copying Amazon EC2 AMI to different region, AMI Transfer

How to create a AMI

Go to your Instance >>> Actions >>> Image and Templates >>>> Create Image

Give your Image Name and description >>> Create

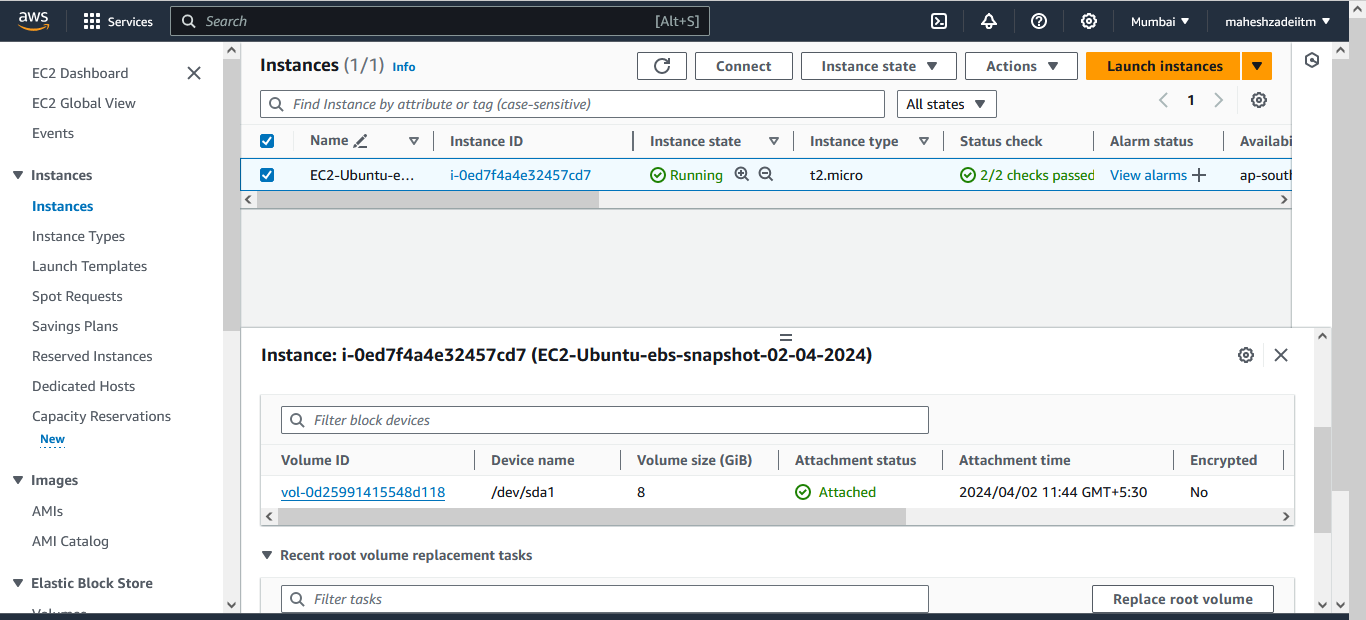
Now Go to AWS Account Console and Select your EC2 Instance created in a Custom VPC.

Lab

Region 1

Create a AMI of your Linux EC2

Choose your AMI >>> Action >>> COpy AMI



Select your EC2 Instacne >> Go to Action >> select image and Template >> create Image

Give the Image Name

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Description automatically generated

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Click on enable in No reboot option

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Description automatically generated

Click on create image

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Description automatically generated

Go to AMI Section on left side of the screen Check That AMI status is available.

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This AMI we have created in Mumbai Region

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Go to Action in AMI and select Copy AMI

Go to that new Region and See if that new AMI is copied or not

Launch a new EC2 in your Region 2 using "MYAMI"

Login to that EC2 instance

Create a File

or Create a user

or Install a application

or do whatever you want

Again - Create a AMI out of this new EC2 in the Region 2

COpy this AMI to the Region 3

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Now Select the Destination Region Asia pacific (Hyderaba)

And click on copy Tag

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Then click on Copy AMI.

AMI Cpy operation is initiated

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Now Go to Hyderabad region AMI Option

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Now check the status till available

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Description automatically generated

Once it is available we will create the EC2 Instance

Give the name to AMI

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Check the Status

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Now create the EC2 Instance in Hyderabad Region

Click Launch instance from AMI

Give the instance name

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Select the free tier instance type

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Description automatically generated

Download the keypir for Hyderabad region

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Select default network settings

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Select security group default

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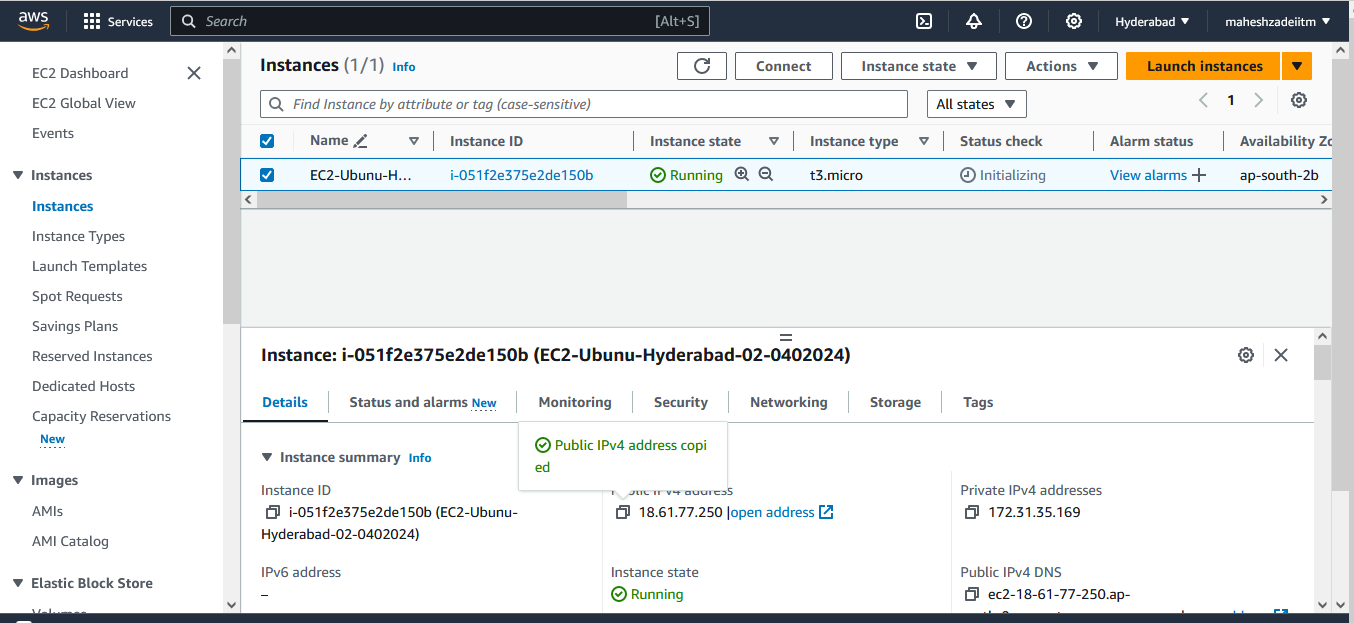
Click on Launch Instacne

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EC2 Instance is created.

Now copy public IP to connect the instance

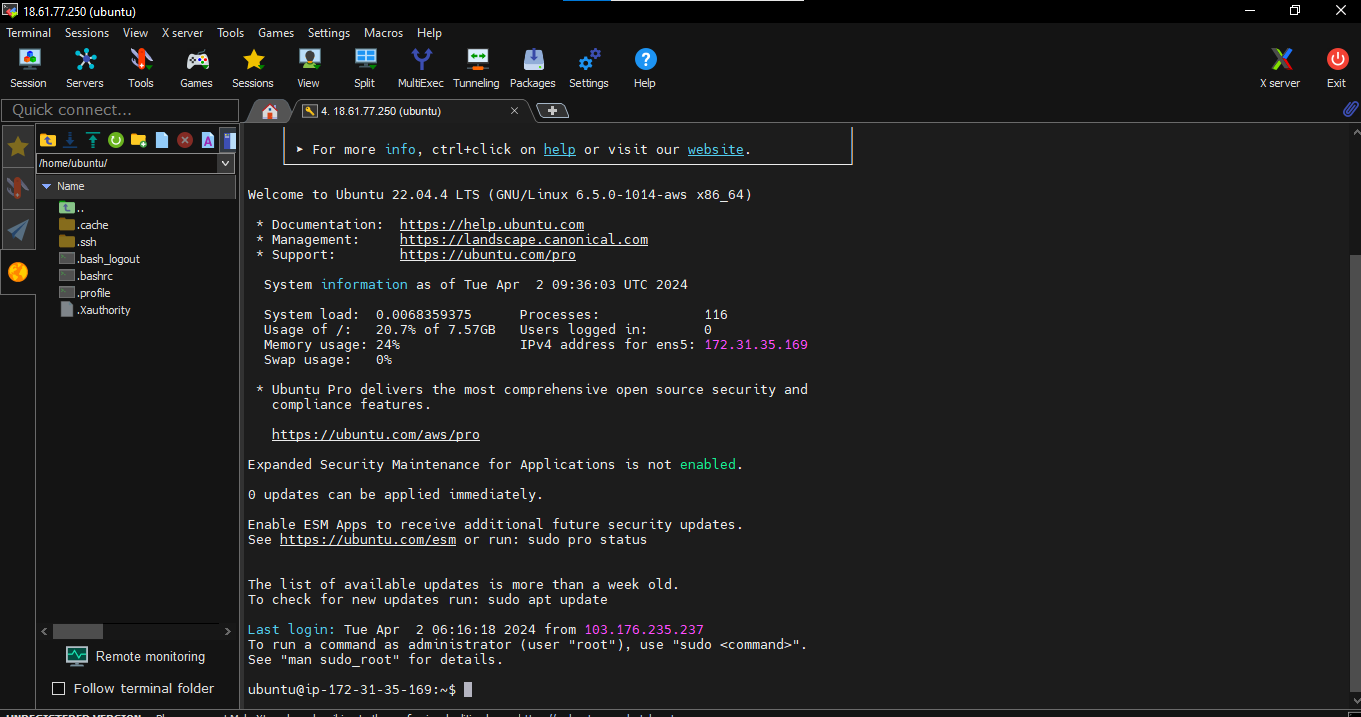


Open mobasterm

Copy public IP

Type user name ubuntu

And browse private key for Hyderabad region.



Now I have crated maheshzade folder and inside this 1.txt file created .

Now create the AMI in 3rd Region Hong kong

Select the EC2 Instacne in Hyderbad Region and go to action then select image and template and click create image

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Click on create Image

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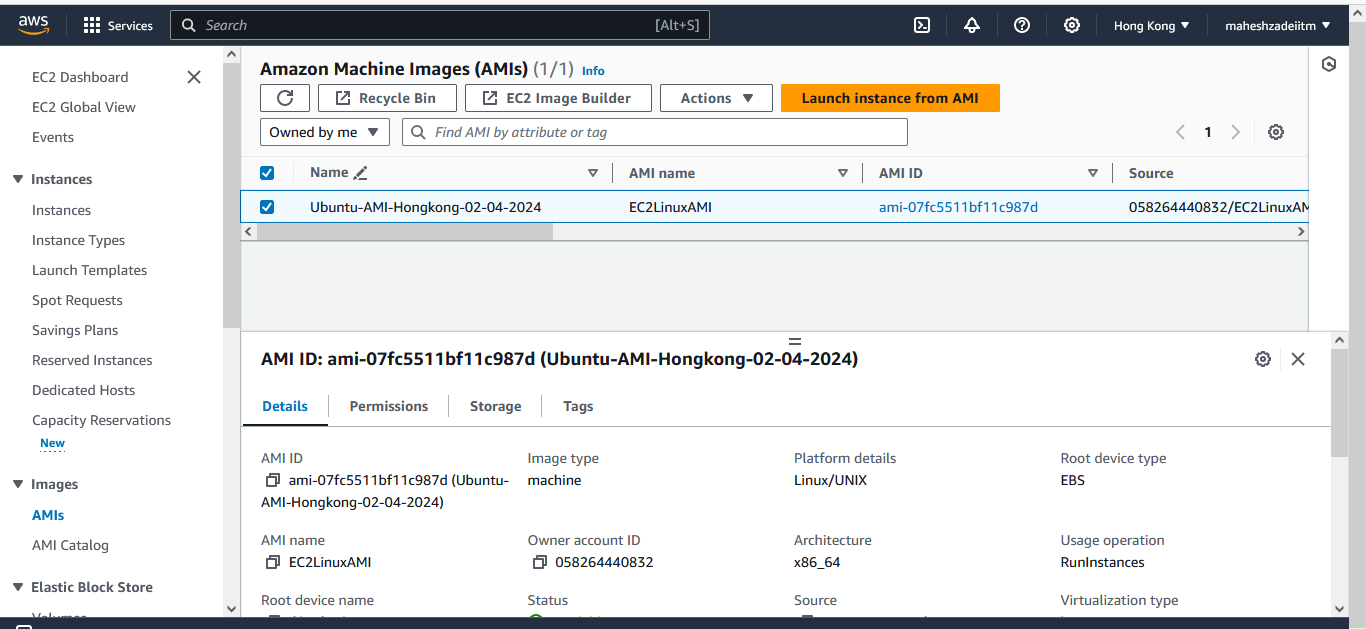
Description automatically generated

Choose your Region 2

Copy AMI

Launch a new EC2 in the Region 3

Login to this new EC2 and validate whatever you have done in the 2 EC2 whether they are available in the 3rd EC2 or not .



Check the status is available or not .

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Click on launch instance AMI

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Give the Name of EC2 instacne

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Select the instance type t2.micro.

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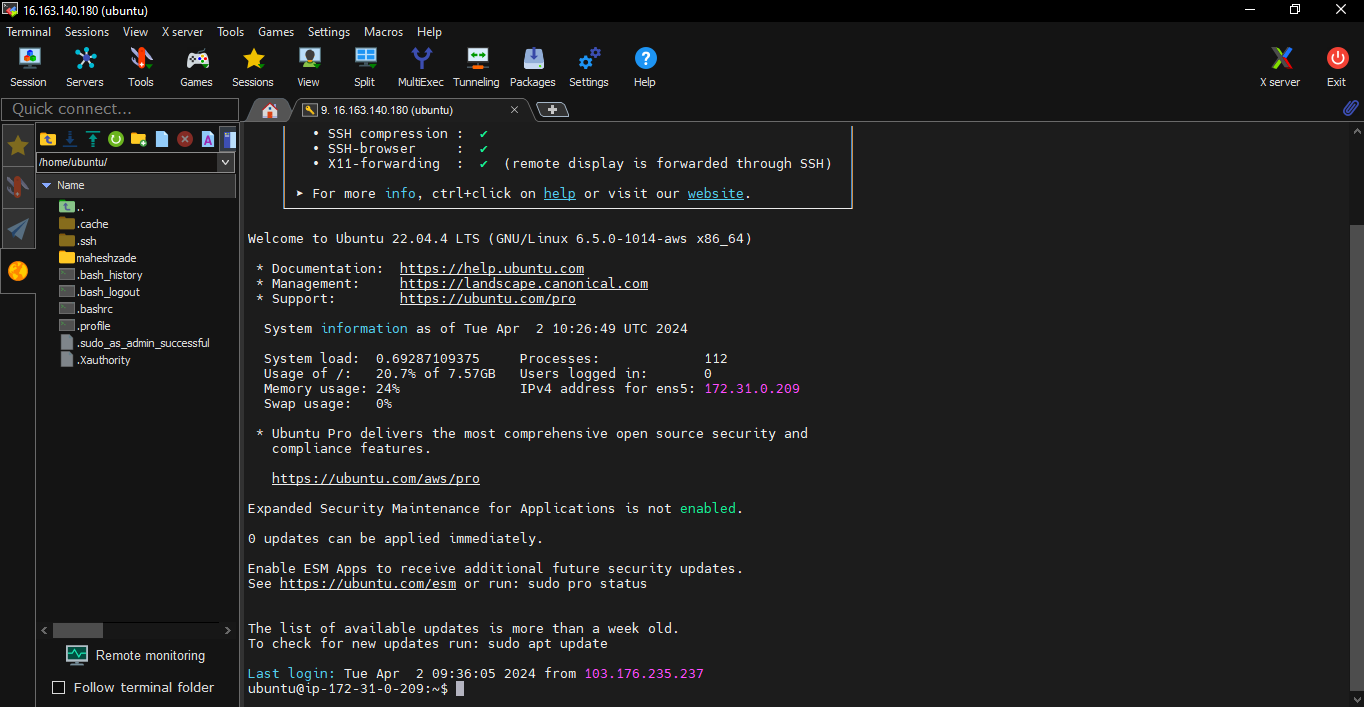
Description automatically generated

Click on launch instance

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Description automatically generated

Copy Public IP paste in Mobasterm



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Description automatically generated

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Description automatically generated