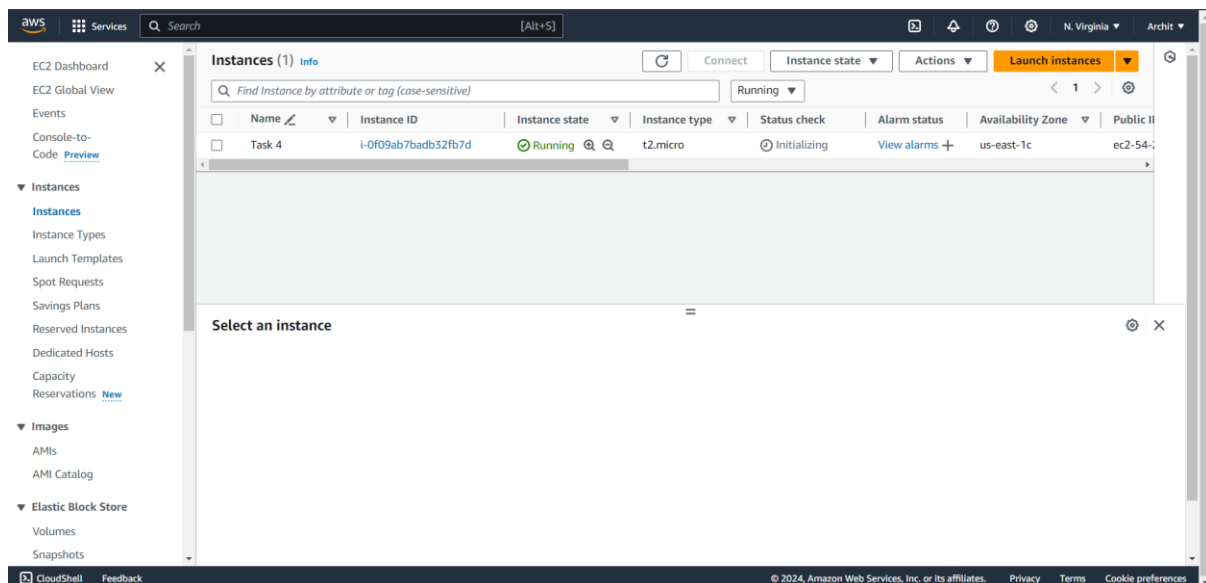
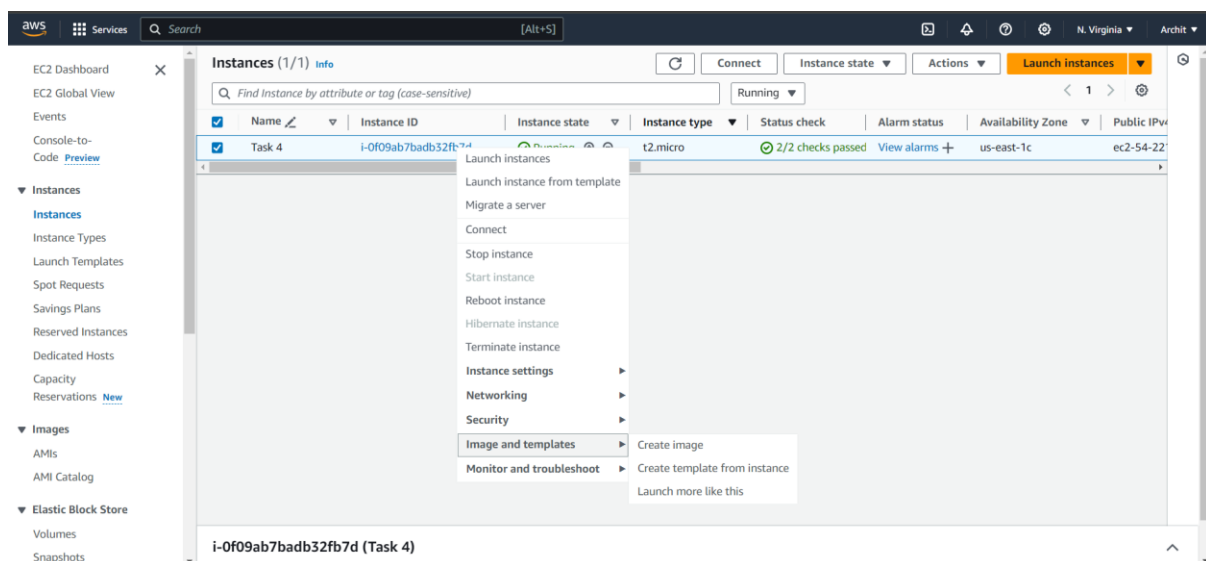


## Changing Size, Type, Region, AZ of an Instance

Step 1- check here it is in us east1 c (we will migrate to Paris)



Step 2- write click on ec2 & create image



aws Services Search [Alt+S] N. Virginia Archit

An image (also referred to as an AMI) defines the programs and settings that are applied when you launch an EC2 Instance. You can create an image from the configuration of an existing instance.

Instance ID  
i-0f09ab7badb32fb7d (Task 4)

Image name  
migrate-to-canada  
Maximum 127 characters. Can't be modified after creation.

Image description - optional  
image for migrating Ec2  
Maximum 255 characters

No reboot  
☐ Enable

Instance volumes

Storage type	Device	Snapshot	Size	Volume type	IOPS	Throughput	Delete on termination	Encrypted
EBS	/dev/...	Create new snapshot fr...	30	EBS General Purpose S...	100		<input checked="" type="checkbox"/> Enable	<input type="checkbox"/> Enable

Add volume

During the image creation process, Amazon EC2 creates a snapshot of each of the above volumes.

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

aws Services Search [Alt+S] N. Virginia Archit

EC2 Dashboard EC2 Global View Events Console-to-Code Preview

▼ Instances  
Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations New

▼ Images  
AMIs AMI Catalog

▼ Elastic Block Store  
Volumes Snapshots

Amazon Machine Images (AMIs) (1) Info

Owned by me Find AMI by attribute or tag

Recycle Bin EC2 Image Builder Actions Launch instance from AMI

<input type="checkbox"/>	Name	AMI name	AMI ID	Source	Owner	Visibility
<input type="checkbox"/>	migrate-to-canada		ami-07dabc1bdd3b1bd96	700880103369/migrate-to-canada	700880103369	Private

Select an AMI

### Step 3- now copy Ami to Paris

aws Services Search [Alt+S] N. Virginia Archit

EC2 Dashboard EC2 Global View Events Console-to-Code Preview

▼ Instances  
Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations New

▼ Images  
AMIs AMI Catalog

▼ Elastic Block Store  
Volumes Snapshots

Amazon Machine Images (AMIs) (1/1) Info

Owned by me Find AMI by attribute or tag

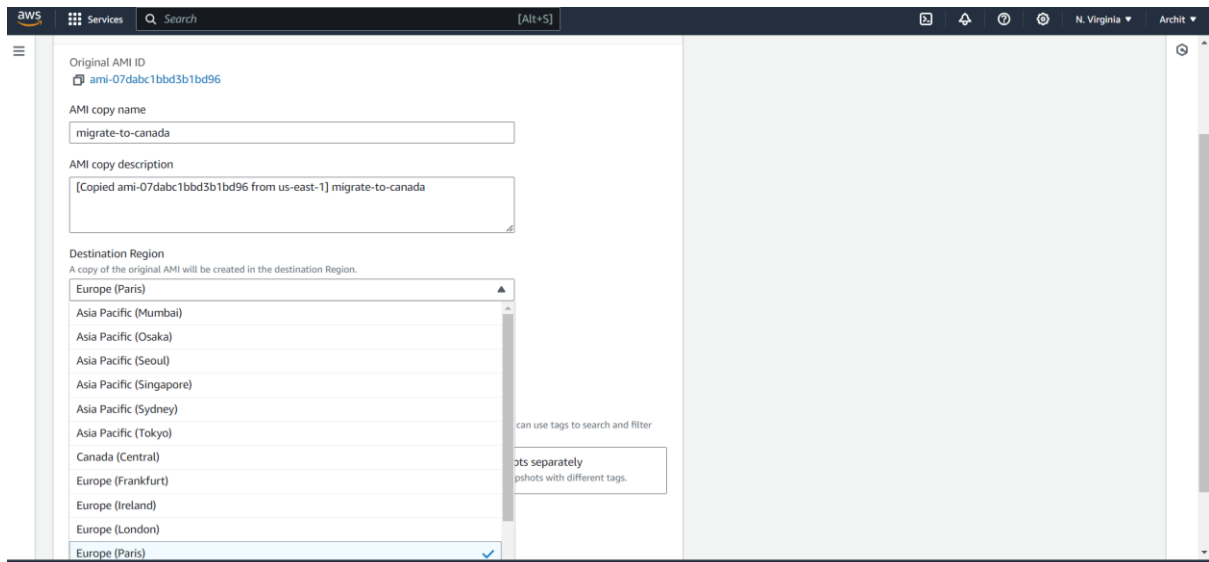
Recycle Bin EC2 Image Builder Actions Launch instance from AMI

<input checked="" type="checkbox"/>	Name	AMI name	AMI ID	Source	Owner	Visibility
<input checked="" type="checkbox"/>	migrate-to-canada		ami-07dabc1bdd3b1bd96	700880103369/migrate-to-canada	700880103369	Private

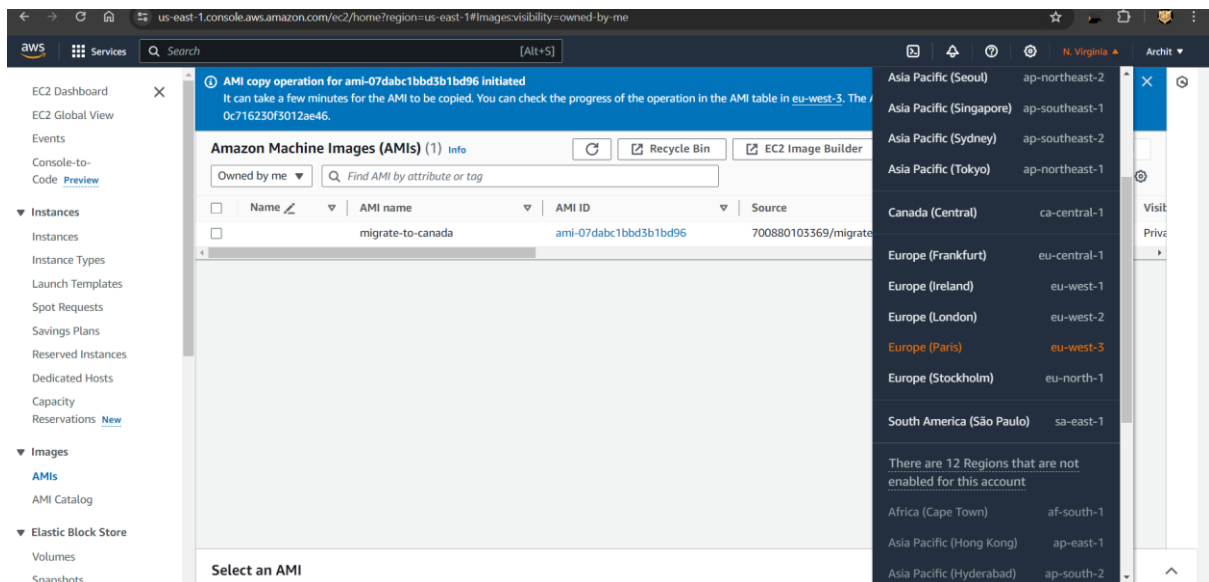
Launch instance from AMI

- Copy AMI
- Edit AMI permissions
- Request Spot Instances
- Manage tags
- Deregister AMI
- Manage AMI deregistration protection
- Change description
- Configure fast launch
- Manage AMI Deprecation
- Register instance store-backed AMI
- Disable AMI

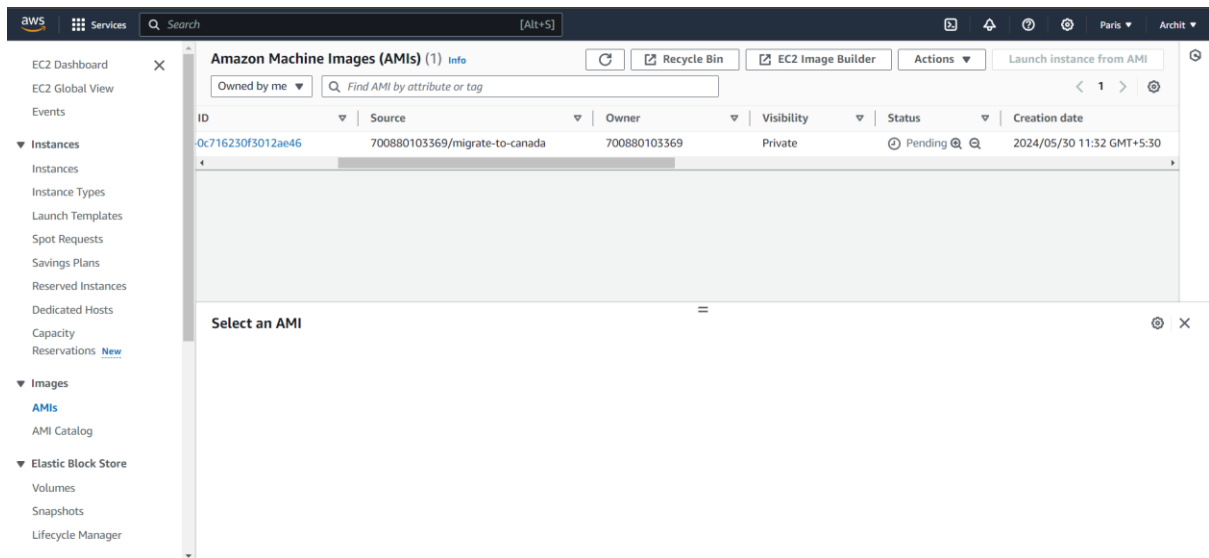
AMI ID: ami-07dabc1bdd3b1bd96



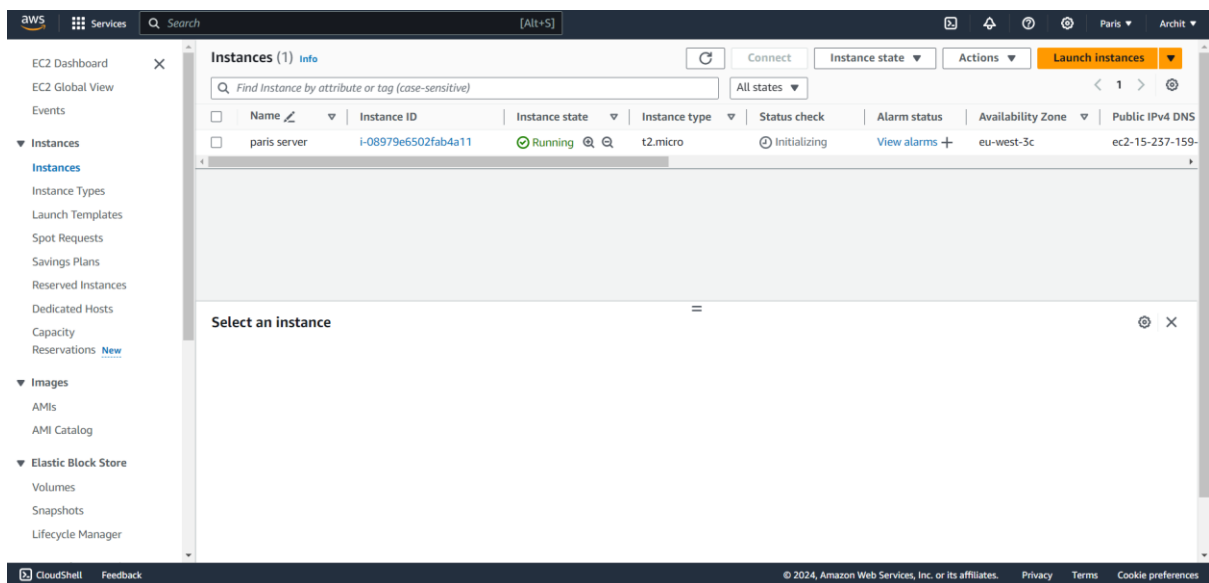
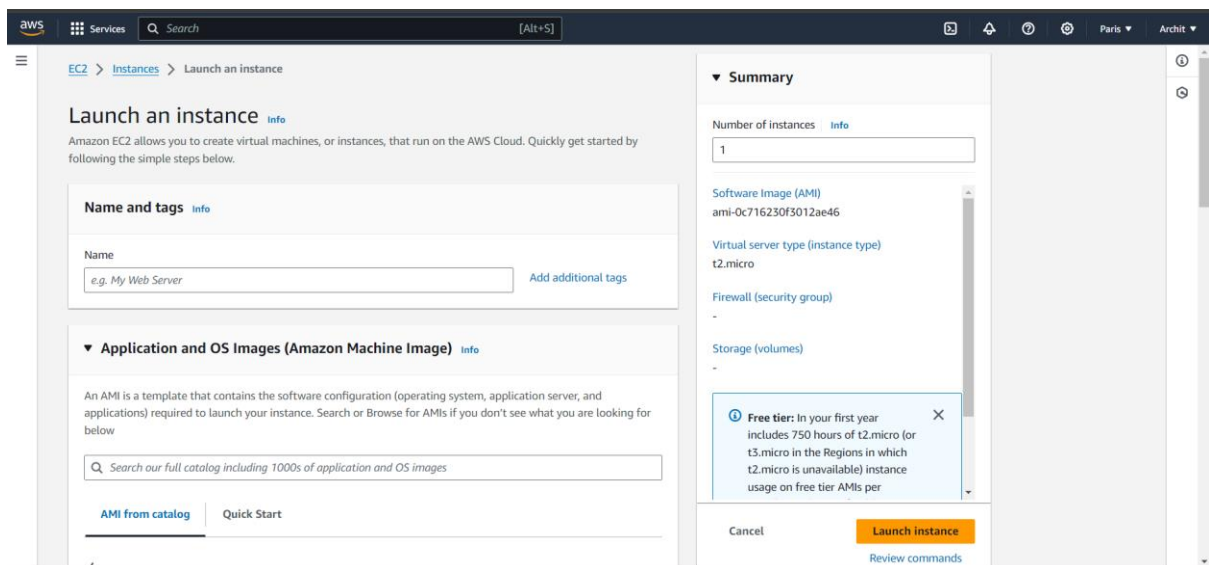
Step 4- now select region Paris



You can see the status



Step-5 Now select that AMI & Launch Instance from that Ami



Instance summary for i-08979e6502fab4a11 (paris server) info

Updated less than a minute ago

Instance ID i-08979e6502fab4a11 (paris server)	Public IPv4 address 15.237.159.229   <a href="#">open address</a>	Private IPv4 addresses 172.31.47.224
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-15-237-159-229.eu-west-3.compute.amazonaws.com   <a href="#">open address</a>
Hostname type IP name: ip-172-31-47-224.eu-west-3.compute.internal	Private IP DNS name (IPv4 only) ip-172-31-47-224.eu-west-3.compute.internal	Elastic IP addresses -
Answer private resource DNS name IPv4 (A)	Instance type t2.micro	AWS Compute Optimizer finding <a href="#">Opt-in to AWS Compute Optimizer for recommendations.</a>   <a href="#">Learn more</a>
Auto-assigned IP address 15.237.159.229 [Public IP]	VPC ID vpc-03f8d518a6bd14a62	Auto Scaling Group name -
IAM Role -	Subnet ID subnet-0fc60924a45c2118b	
IMDSv2	Instance ARN	

Here you can see as there is no elastic ip so we need to allocate one

## Step 6-ALlocate Elastic IP

Elastic IP addresses

Find resources by attribute or tag

Name	Allocated IPv4 address	Type	Allocation ID	Reverse DNS record
No Elastic IP addresses found in this Region				

[View IP address usage and recommendations to release unused IPs with Public IP insights](#)

Elastic IP address allocated successfully.  
Elastic IP address 13.37.55.81

Associate this Elastic IP address

Elastic IP addresses (1)

Find resources by attribute or tag

Public IPv4 address : 13.37.55.81 | Clear filters

Name	Allocated IPv4 address	Type	Allocation ID	Reverse DNS record
-	13.37.55.81	Public IP	eipalloc-06226fc0ca287bd41	-

[View IP address usage and recommendations to release unused IPs with Public IP insights](#)

## Step 7- Now associate that IP

This screenshot shows the AWS Management Console interface. At the top, a green notification banner states "Elastic IP address allocated successfully. Elastic IP address 13.37.55.81". Below this, the "Elastic IP addresses (1/1)" section is visible, containing a table with one entry:

Name	Allocated IPv4 address	Type	Allocation ID
-	13.37.55.81	Public IP	eipalloc-06226fca287bd41

An "Actions" dropdown menu is open for the selected Elastic IP, showing options: "View details", "Release Elastic IP address", "Associate Elastic IP address" (highlighted), "Disassociate Elastic IP address", "Update reverse DNS", "Enable transfers", "Disable transfers", and "Accept transfers". The left sidebar shows navigation links for EC2 Dashboard, Instances, Images, and Elastic Block Store.

This screenshot shows the "Associate Elastic IP address" dialog box. The "Resource type" is set to "Instance". A warning message states: "If you associate an Elastic IP address with an instance that already has an Elastic IP address associated, the previously associated Elastic IP address will be disassociated, but the address will still be allocated to your account. Learn more". Below the warning, the "Instance" field is populated with "i-08979e6502fab4a11 (paris server) - running". The "Reassociation" section has the checkbox "Allow this Elastic IP address to be reassociated" unchecked. At the bottom, there are "Cancel" and "Associate" buttons.

This screenshot shows the AWS Management Console after the association. A green notification banner states "Elastic IP address associated successfully. Elastic IP address 13.37.55.81 has been associated with instance i-08979e6502fab4a11". The "Elastic IP addresses (1)" table now shows the IP address associated with the instance:

Name	Allocated IPv4 address	Type	Allocation ID	Reverse DNS record
-	13.37.55.81	Public IP	eipalloc-06226fca287bd41	-

The left sidebar and footer are consistent with the previous screenshots.

Congratulation's your server is successfully migrated.