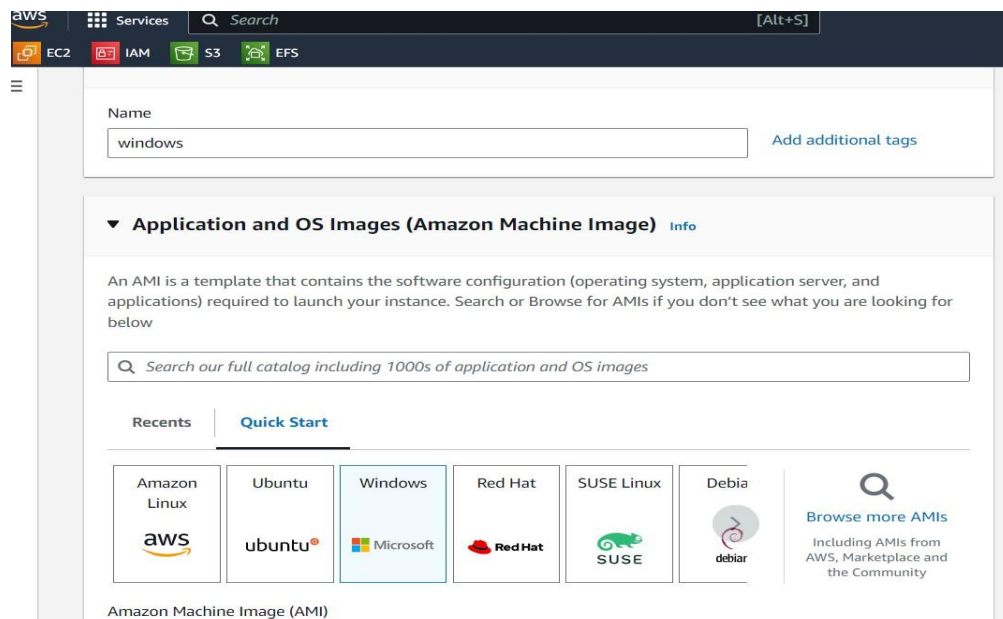
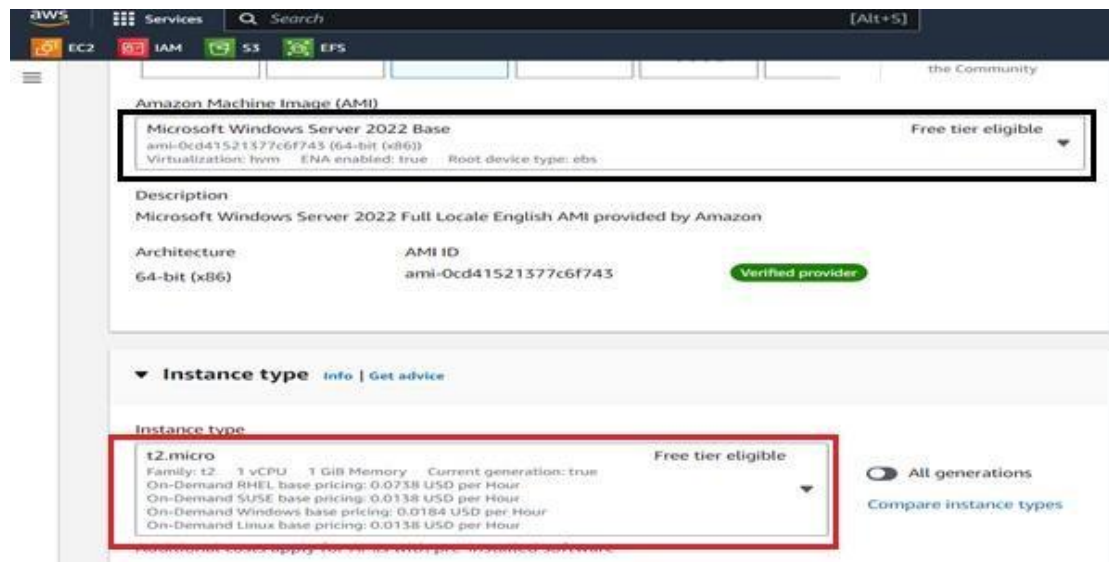


Launching Windows Instance

1. Click on Launch Instance and select Ami As windows



2. select AMI for windows



3. specify the key name as per your choice

Create key pair

Key pair name

Key pairs allow you to connect to your instance securely.

windows

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

☒ RSA
RSA encrypted private and public key pair

☐ ED25519
ED25519 encrypted private and public key pair (Not supported for Windows instances)

Private key file format

☒ .pem
For use with OpenSSH

☐ .ppk
For use with PuTTY

⚠ When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. [Learn more](#)

Cancel

Create key pair

4. Select the security group as show in figure....

Firewall (security groups) | Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☒ Create security group

☐ Select existing security group

We'll create a new security group called 'launch-wizard-2' with the following rules:

☒ Allow RDP traffic from
Helps you connect to your instance

Anywhere
0.0.0.0/0

☐ Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server

☒ Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server

⚠ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

▼ Configure storage | Info

Advanced

1x

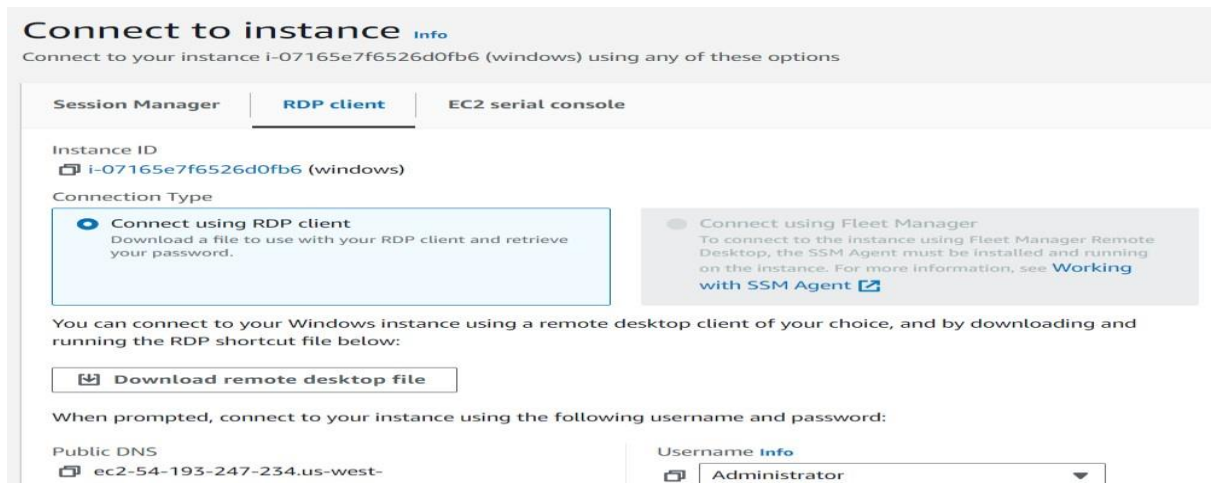
30

GiB

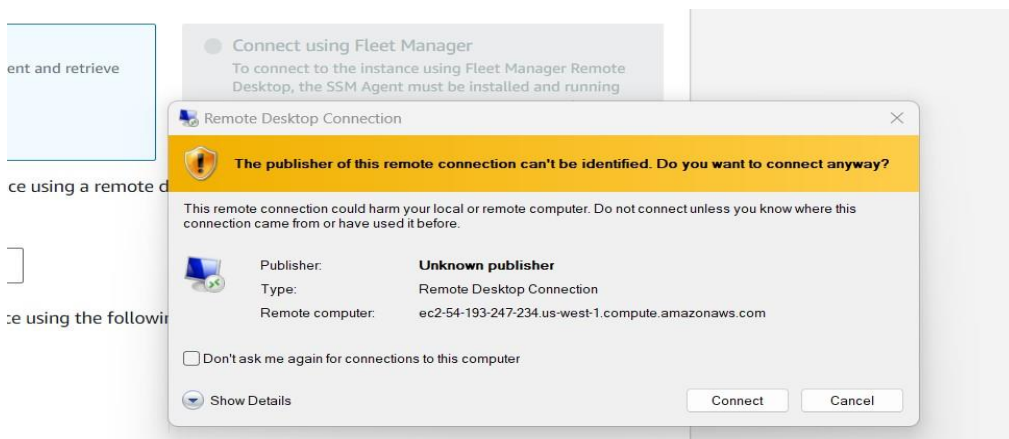
gp2

Root volume (Not encrypted)

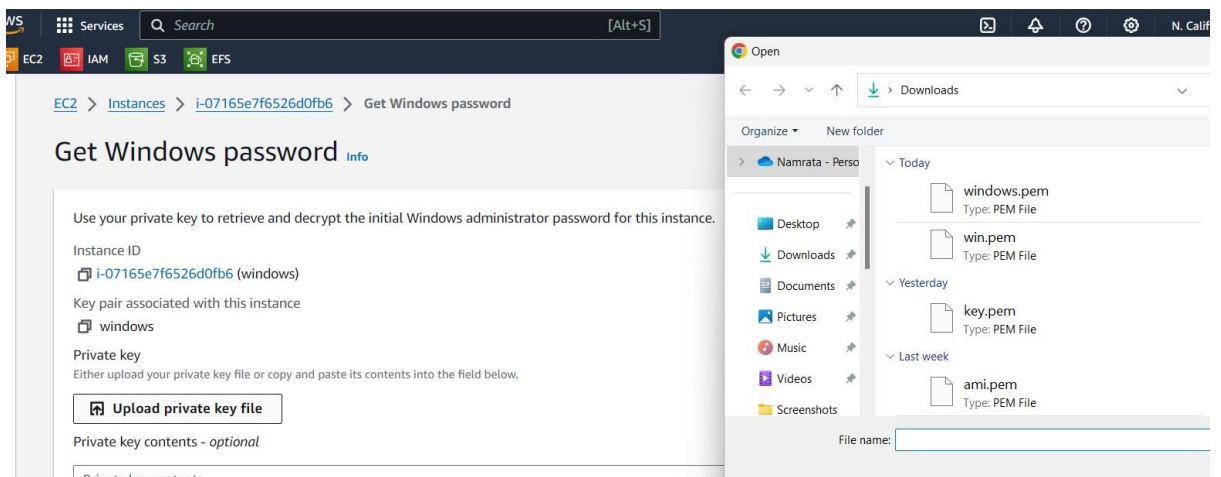
5. For connecting the instance **click on RDP Client** and download remote desktop file (RDP client)



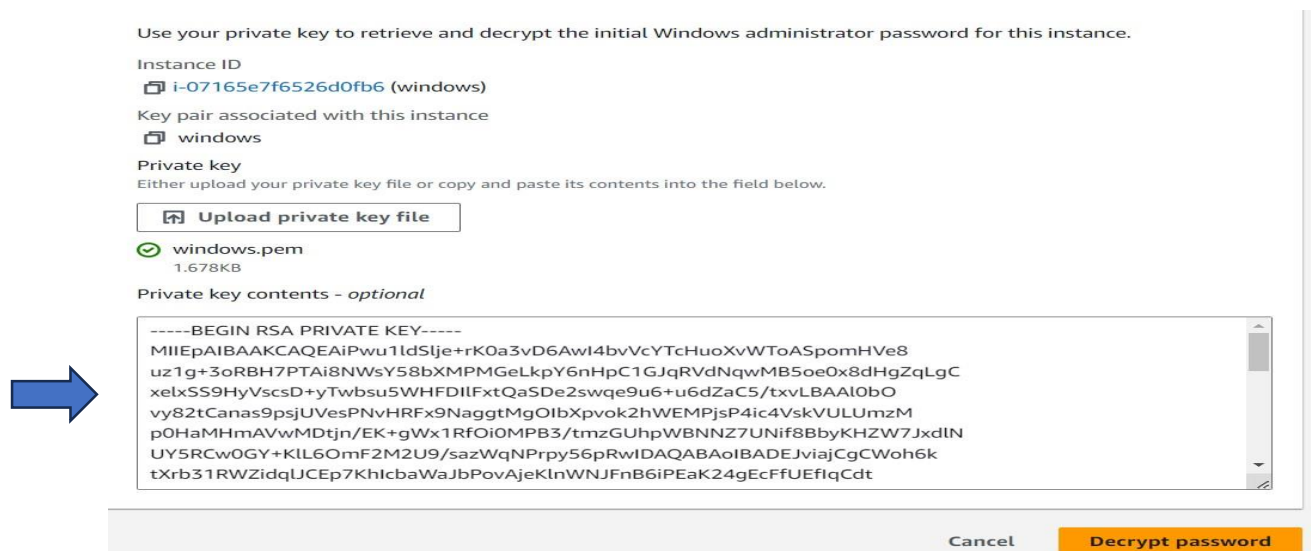
6. After downloading the RDP client click on connect option



7. For Getting the password upload your private key... (key.pem)



8. After Uploading private key Click on **Decrypt password**



9. Successfully Password is showed....



When prompted, connect to your instance using the following username and password:

Public DNS

ec2-54-193-247-234.us-west-1.compute.amazonaws.com

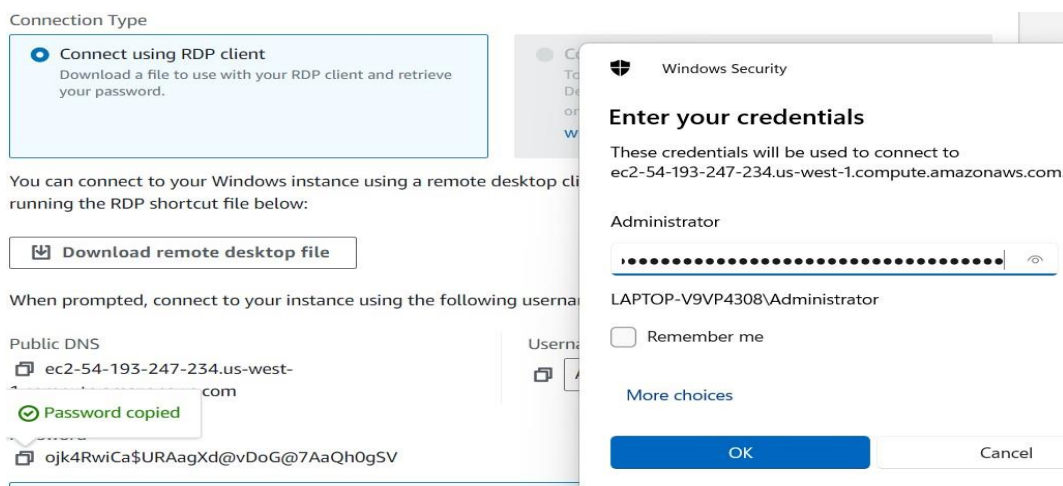
Username [Info](#)

Administrator

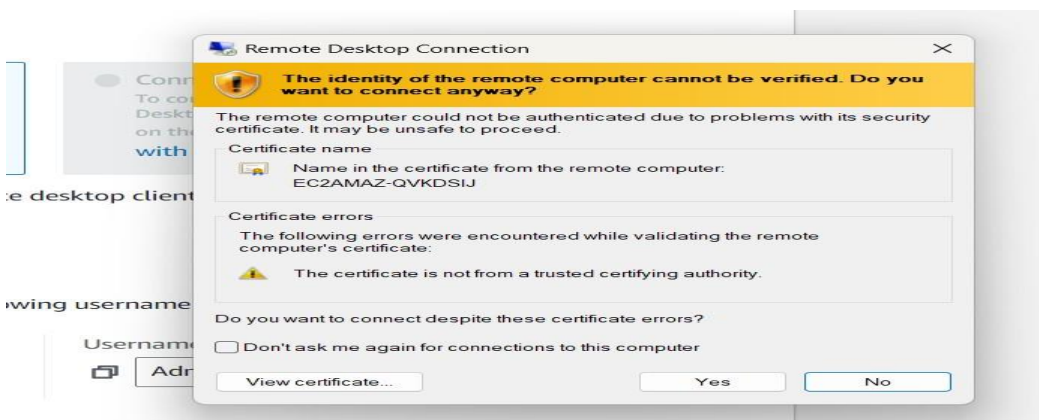
Password

ojk4RwiCa\$URAagXd@vDoG@7AaQh0gSV

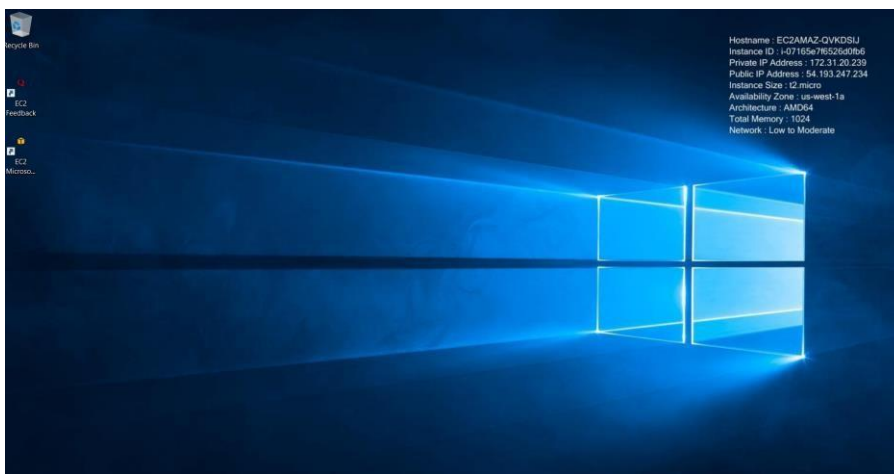
10. Copy the password and enter It in RDP client....



11. Click on Yes option



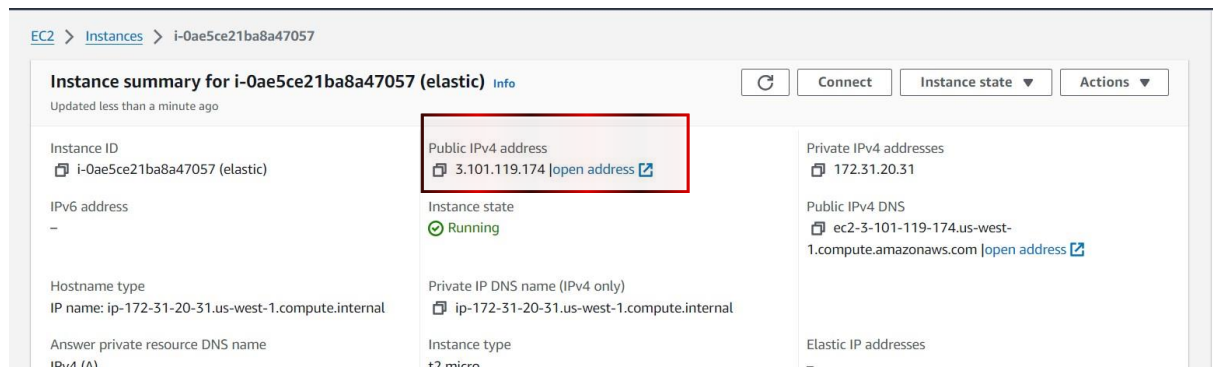
12. Successfully Launch windows Instance Via RDP



Assiging ELASTIC IP

Elastic IP address is basically the static IP (IPv4) address that you can allocate to your resources.

1. first launch instance before associated elastic ip



EC2 > Instances > i-0ae5ce21ba8a47057

Instance summary for i-0ae5ce21ba8a47057 (elastic) Info

Updated less than a minute ago

Instance ID
i-0ae5ce21ba8a47057 (elastic)

IPv6 address
-

Hostname type
IP name: ip-172-31-20-31.us-west-1.compute.internal

Answer private resource DNS name
IPv4 (A)

Public IPv4 address
3.101.119.174 [open address](#)

Instance state
Running

Private IP DNS name (IPv4 only)
ip-172-31-20-31.us-west-1.compute.internal

Instance type
t2.micro

Private IPv4 addresses
172.31.20.31

Public IPv4 DNS
ec2-3-101-119-174.us-west-1.compute.amazonaws.com [open address](#)

Elastic IP addresses
-

2. Select the instance which you want to assign the static ip

Elastic IP address: 18.144.92.15

Resource type
Choose the type of resource with which to associate the Elastic IP address.

☒ Instance
☐ Network interface

Warning: 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](#)

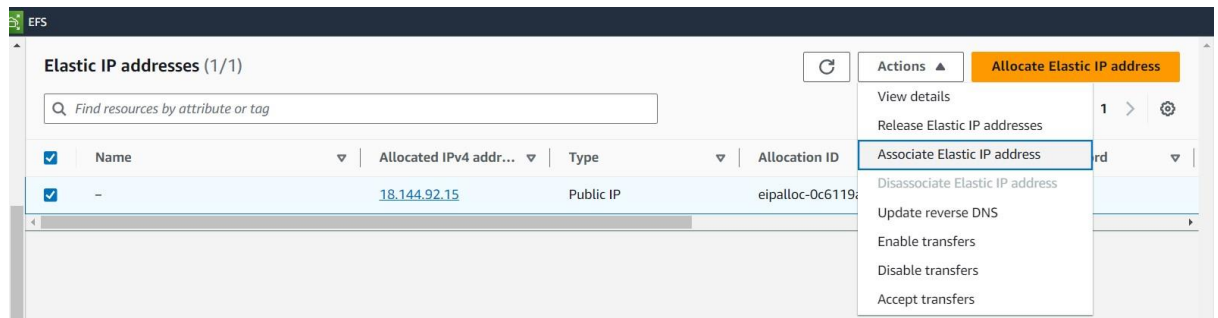
If no private IP address is specified, the Elastic IP address will be associated with the primary private IP address.

Instance
i-0ae5ce21ba8a47057

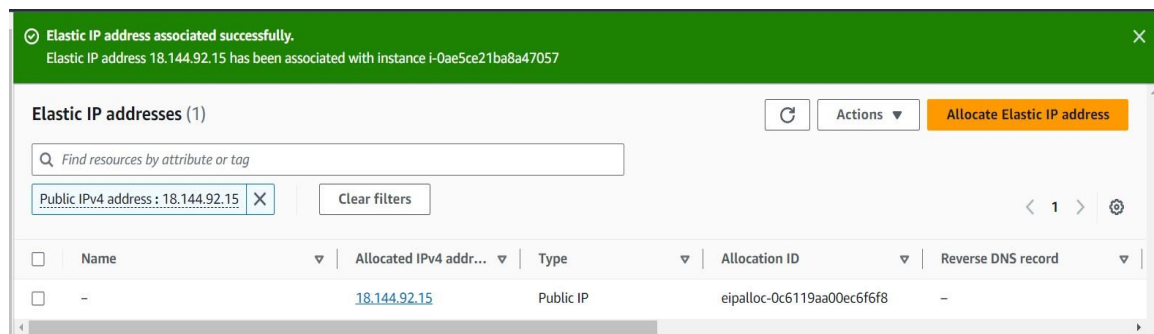
Private IP address
The private IP address with which to associate the Elastic IP address.
Choose a private IP address

Reassociation
Specify whether the Elastic IP address can be reassociated with a different resource if it already associated with a resource.
☐ Allow this Elastic IP address to be reassociated

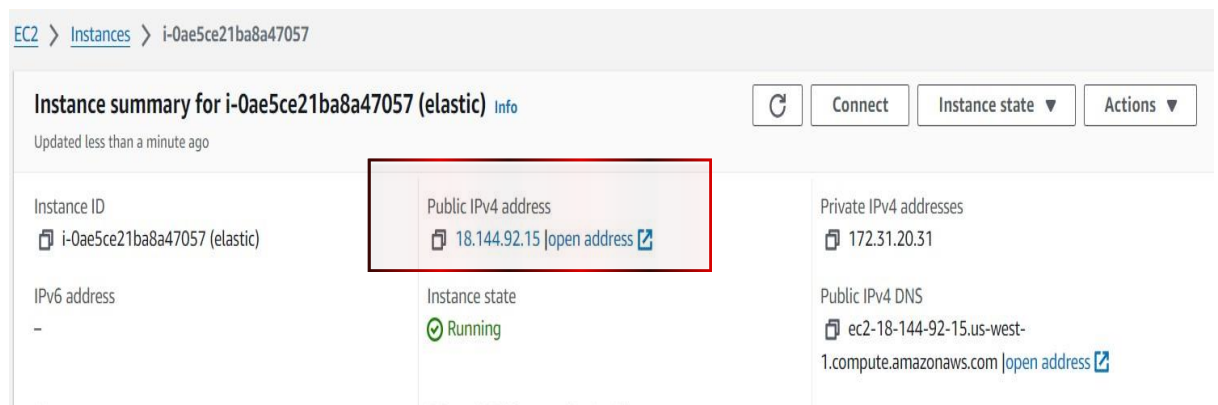
3. After Creating elastic ip and click action and select **associate elastic ip address** for Assigning Static Ip to Instance



4. Static Ip Address Assigned Successfully

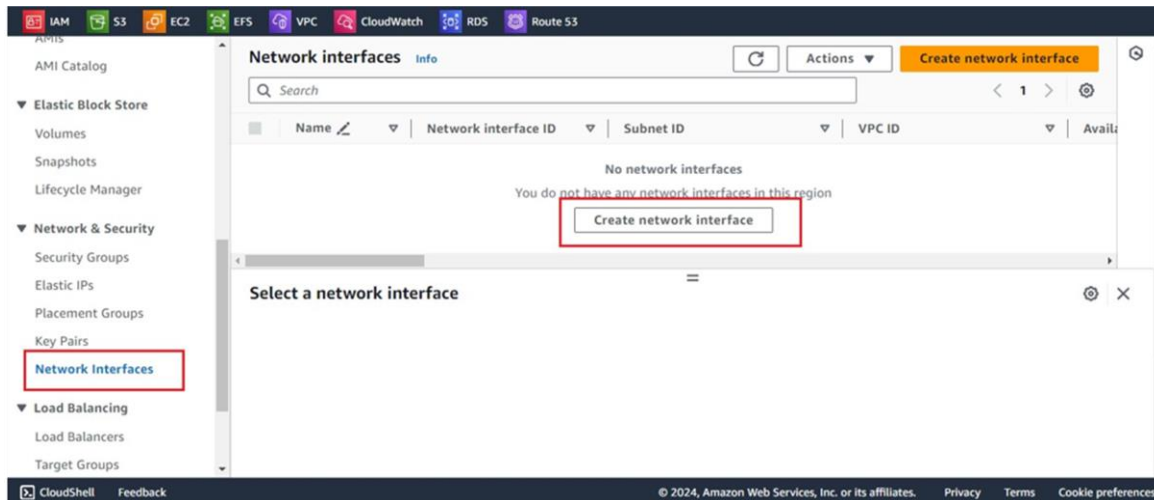


5. Select The Instance and check public ip (Its not change event we restart the instance)



Assiging Multiple Newtork interface

1. Click On Create Network Interface



2. Assign Name and subnet Mask

Create network interface

An elastic network interface is a logical networking component in a VPC that represents a virtual network card.

Details Info

Description - *optional*
A descriptive name for the network interface.

netinterface

Subnet
The subnet in which to create the network interface.

subnet-05be857f96101f480

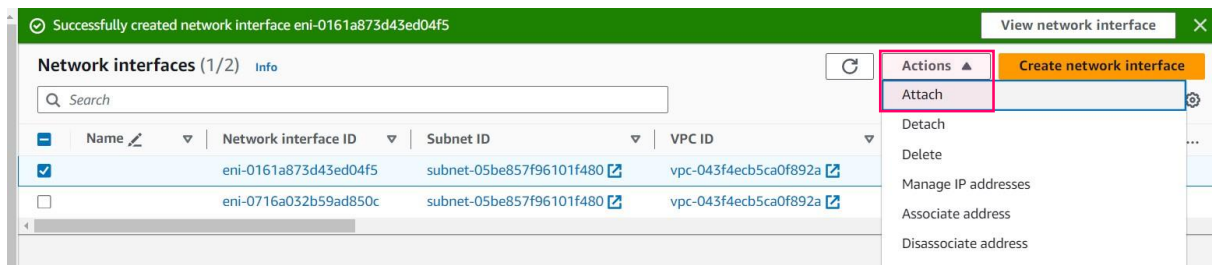
Private IPv4 address
The private IPv4 address to assign to the network interface.

☒ Auto-assign
☐ Custom

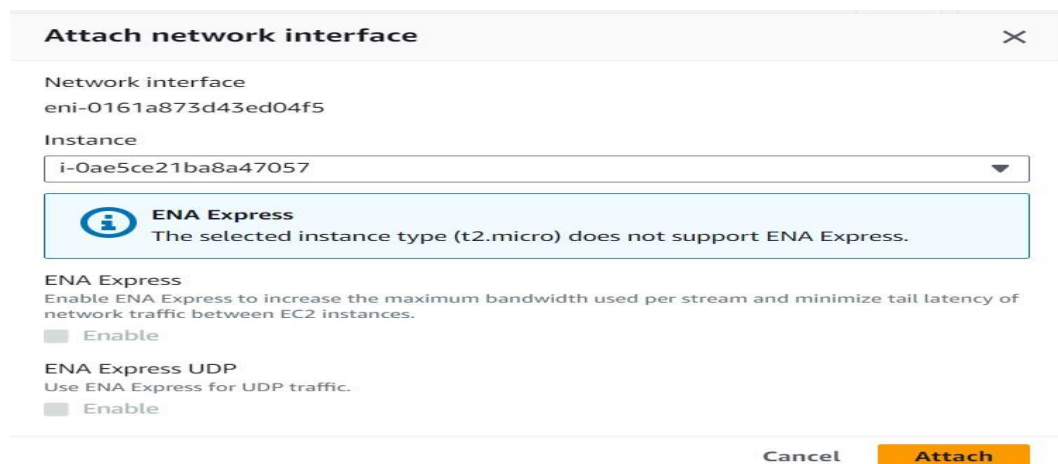
Elastic Fabric Adapter
☐ Enable

► Advanced settings

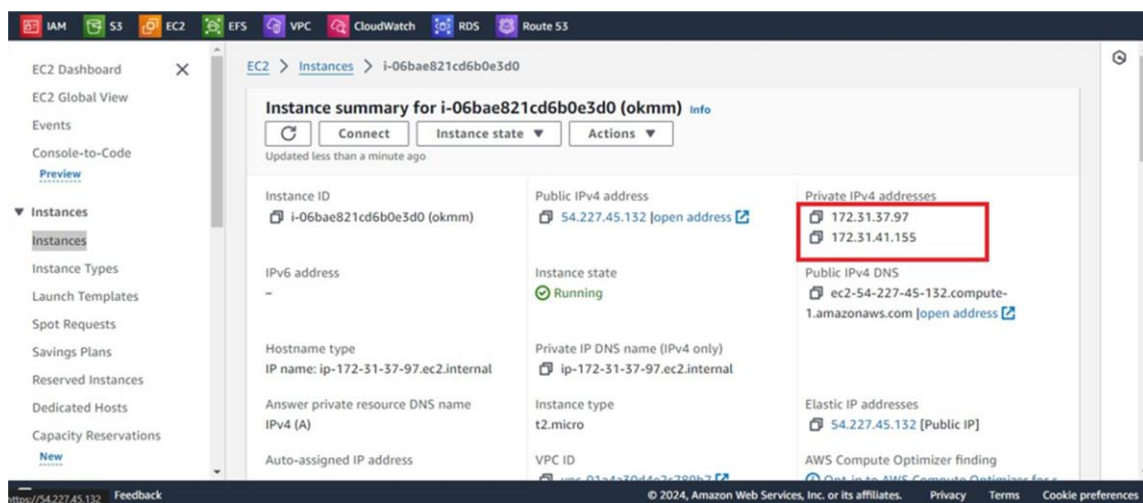
3. Now click on action and select attach....



4. Select The instance you want to assign Network Interface card and click on attach....



5. Successsfully attachhed the private ip.....



Placement group

Three type

1.cluster

2.spread

3.partition

1. Click on placement group option on Ec2 Dashboard

Placement group settings

Name
pg

Placement strategy
Determines how the instances are placed on the underlying hardware.

Spread
Cluster
Spread ✓ Instances on Outposts.
Partition

Tags - optional
No tags associated with the resource.

Add new tag

You can add up to 50 more tags.

Cancel Create group

2. .if you select cluster there are no option

- Multiple Availability Zones cannot be covered by a cluster placement group. Cluster Placement Groups are limited to a single Availability Zone within a Region, so all instances within a Cluster Placement Group must reside in the same Availability Zone.
- The slower of the two instances in a cluster placement group has a limit on the maximum network throughput speed of traffic between them. Select an instance type with network connectivity that satisfies your needs if your applications have high throughput requirements.
- A cluster placement group can launch different instance kinds. This lessens the possibility that the necessary capacity will be accessible for your launch to be successful, though. All instances in a cluster placement group should be of the same instance type, per our recommendation.

Placement group settings

Name

Placement strategy

Determines how the instances are placed on the underlying hardware.

Cluster ▼

Tags - *optional*

No tags associated with the resource.

Add new tag

You can add up to 50 more tags.

Cancel

Create group

3. you select spread then use option click on spread level

The most running instances that can be supported by a rack spread placement group are seven. A Region with three Availability Zones, for instance, allows you to run a total of 21 instances in the group, with seven instances in each Availability Zone. Eighth instances cannot launch if they are started in the same Availability Zone and spread placement group. We suggest using multiple spread deployment groups if you want more than seven instances in a given Availability Zone.

Create placement group [Info](#)

Placement group settings

Name

Placement strategy

Determines how the instances are placed on the underlying hardware.

Spread ▼

Spread level

Determines how placement groups spread instances. You can only use host level spread placement groups on Outposts.

Rack (No restrictions) ▼

Tags - *optional*

No tags associated with the resource.

Add new tag

You can add up to 50 more tags.

Cancel

Create group

4. you choose partition then you select no. of partition

- The most partitions that can be supported by a partition placement group per Availability Zone is seven. Only your account limits can determine how many instances you can run in a partition placement group, Partition placement groups can only be created within a single availability zone.
- Partition placement groups do not support termination protection, so be careful when terminating instances in a placement group.

EC2 > Placement groups > Create placement group

Create placement group Info

Placement group settings

Name

Placement strategy
Determines how the instances are placed on the underlying hardware.

Number of partitions
Choose the number of partitions to create in this placement group.

Tags - optional
No tags associated with the resource.

You can add up to 50 more tags.

5. Placement group created successfully

Placement group created successfully.

Placement groups (1/1)

Group name	Group Id	Strategy	State	Partition	Gro
pg	pg-0087fad0bf8b0e9af	cluster	available	-	arn: