Assignment : 14
Title : Create an Elastic IP for an instance.

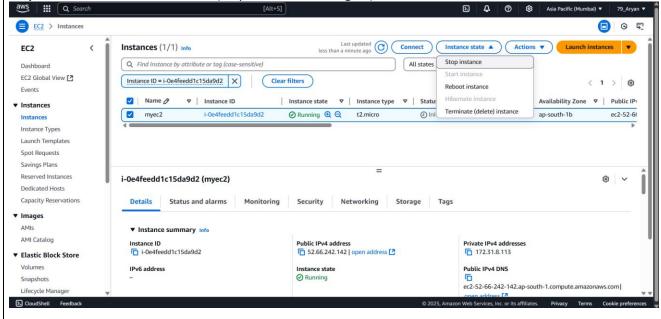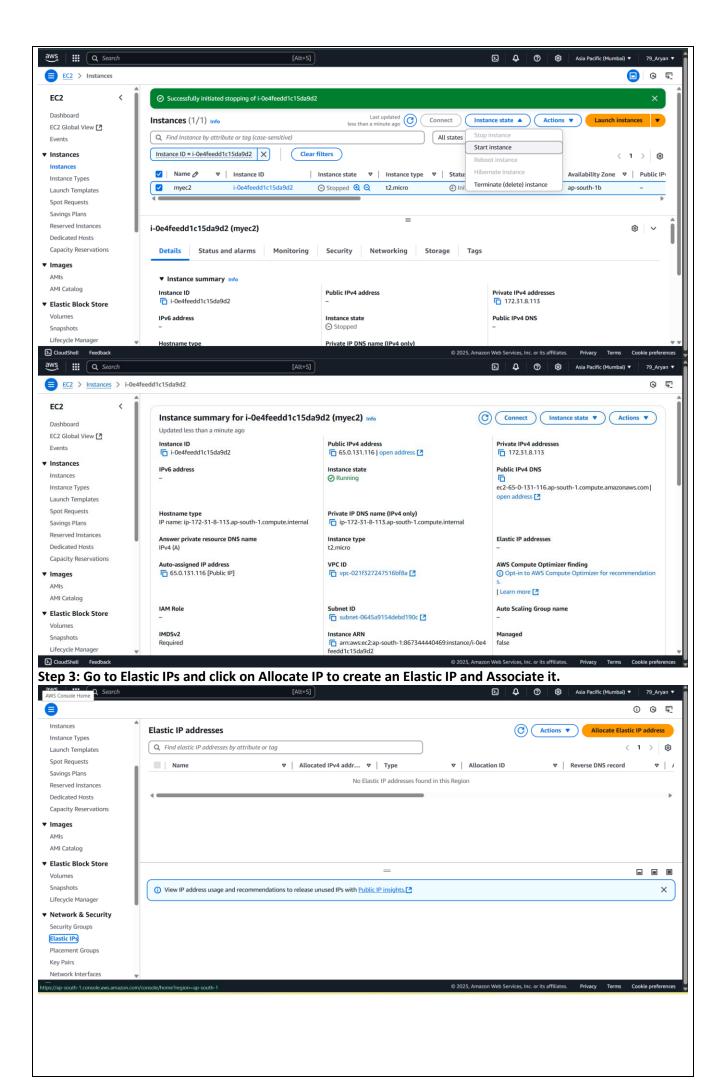**Step 1:** Create an EC2 instance as we've created before.

Step 2: Go to instance and Restart (stop and then start again) the created instance.

Step 3: Go to Elastic IPs and click on Allocate IP to create an Elastic IP and Associate it.

Allocate Elastic IP address Info

Elastic IP address settings Info

Public IPv4 address pool

- ● Amazon's pool of IPv4 addresses
- ○ Public IPv4 address that you bring to your AWS account with BYOIP. (option disabled because no pools found) Learn more ⤢
- ○ Customer-owned pool of IPv4 addresses created from your on-premises network for use with an Outpost. (option disabled because no customer owned pools found) Learn more ⤢
- ○ Allocate using an IPv4 IPAM pool (option disabled because no public IPv4 IPAM pools with AWS service as EC2 were found)

Network border group Info

🔍 ap-south-1   ✕

Global static IP addresses

AWS Global Accelerator can provide global static IP addresses that are announced worldwide using anycast from AWS edge locations. This can help improve the availability and latency for your user traffic by using the Amazon global network. Learn more ⤢

Create accelerator ⤢

Tags - *optional*

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

No tags associated with the resource.

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☰

EC2 ‹

Dashboard
EC2 Global View ⤢
Events
▼ Instances
  Instances
  Instance Types
  Launch Templates
  Spot Requests
  Savings Plans
  Reserved Instances
  Dedicated Hosts

⊘ **Elastic IP address allocated successfully.**   [Associate this Elastic IP address]   ✕
Elastic IP address 52.66.131.178

Elastic IP addresses (1)   ↻   [Actions ▼]   [**Allocate Elastic IP address**]

🔍 Find elastic IP addresses by attribute or tag

[Public IPv4 address : 52.66.131.178 ✕]   ○   ‹ 1 ›   ⚙

☐	Name	▽	Allocated IPv4 addr... ▽	Type	▽	Allocation ID	▽	Reverse DNS record	▽
☐	–		52.66.131.178	Public IP		eipalloc-04e5a393aed5a1d92		–	

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EC2 ‹

Dashboard
EC2 Global View ⤢
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  Capacity Reservations
▼ Images
  AMIs
  AMI Catalog
▼ Elastic Block Store
  Volumes
  Snapshots
  Lifecycle Manager

52.66.131.178   [Actions ▼]   [**Associate Elastic IP address**]

Summary

Allocated IPv4 address
📋 52.66.131.178

Type
📋 Public IP

Allocation ID
📋 eipalloc-04e5a393aed5a1d92

Reverse DNS record
–

Association ID
–

Scope
📋 VPC

Associated instance ID
–

Private IP address
–

Network interface ID
–

Network interface owner account ID
–

Public DNS
–

NAT Gateway ID
–

Address pool
📋 Amazon

Network border group
📋 ap-south-1

Tags(0)   [Manage tags]

                                                                                 ‹ 1 ›   ⚙

Key	Value

No tags associated with this resource
Click the Manage tags button to add your first tag

[Manage tags]

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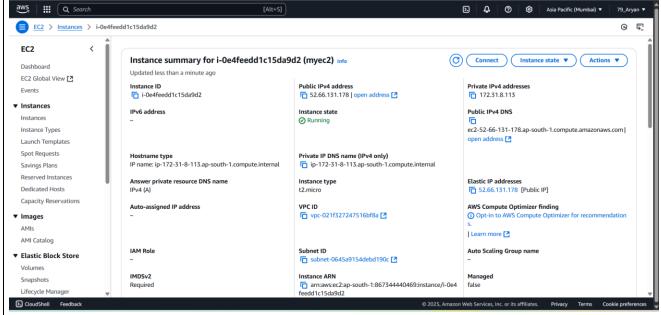
Step 4: Check the Instance IP has been changed as same as the newly created Elastic IP.

So, we've successfully Created an Elastic IP for an instance.

At last Delete(Disassociate > Release) the Elastic IP and the created instance.