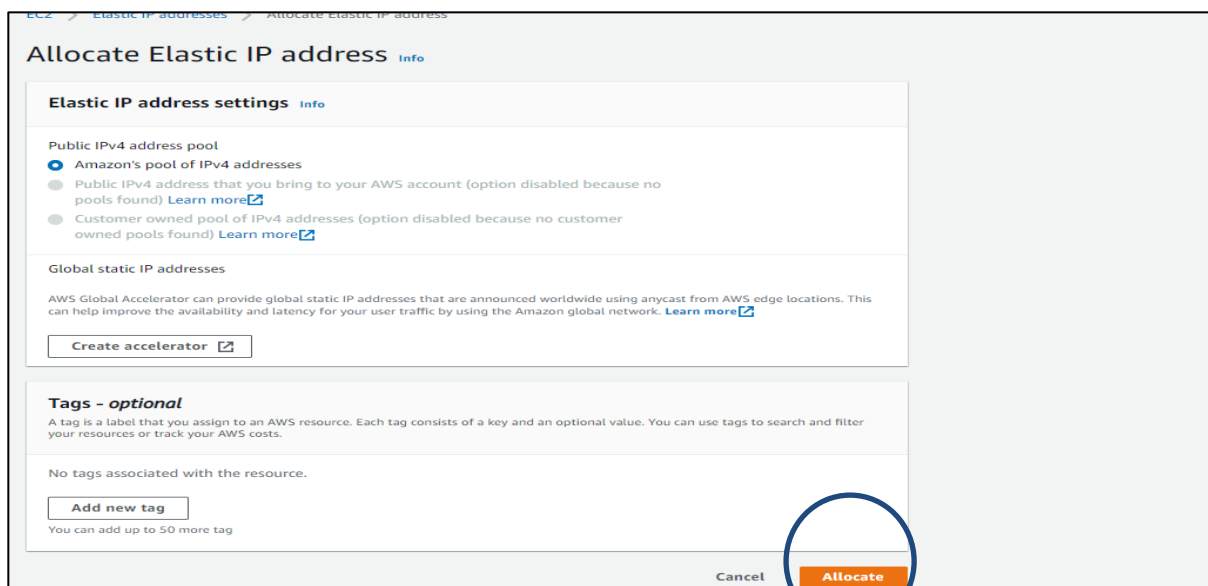
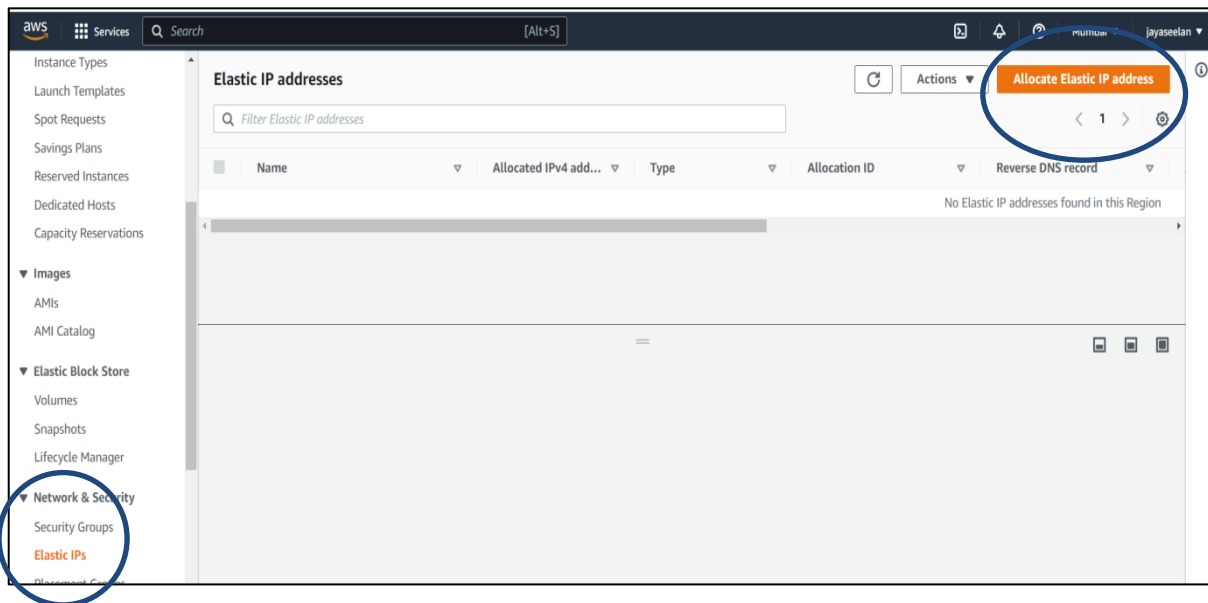


ELASTIC IP:

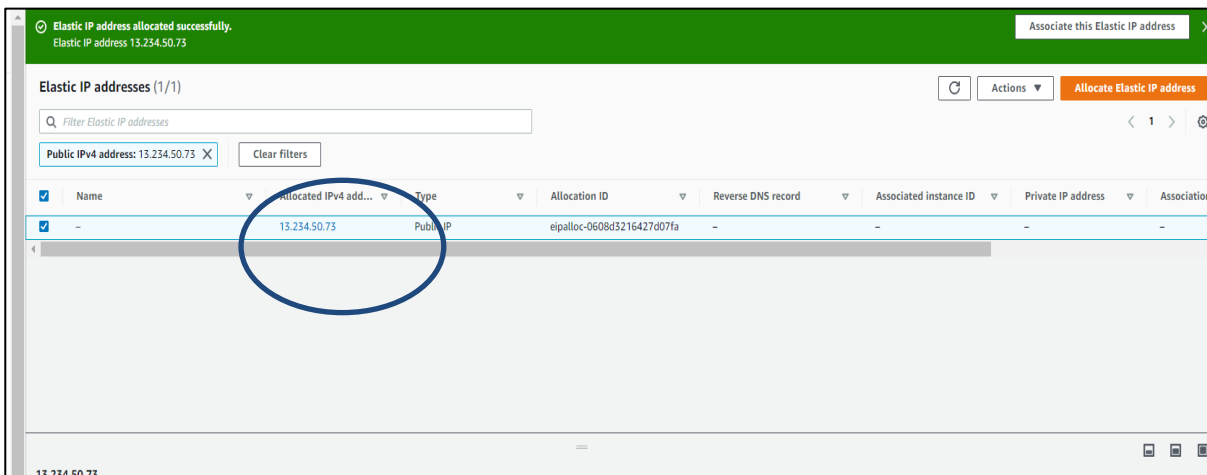
- An Elastic IP address is a reserved public IP address that you can assign to any EC2 instance in a particular region, until you choose to release it.
- To allocate an Elastic IP address to your account in a particular Region, see Allocate an Elastic IP address.

STEP1:CREATE ELASTIC IP

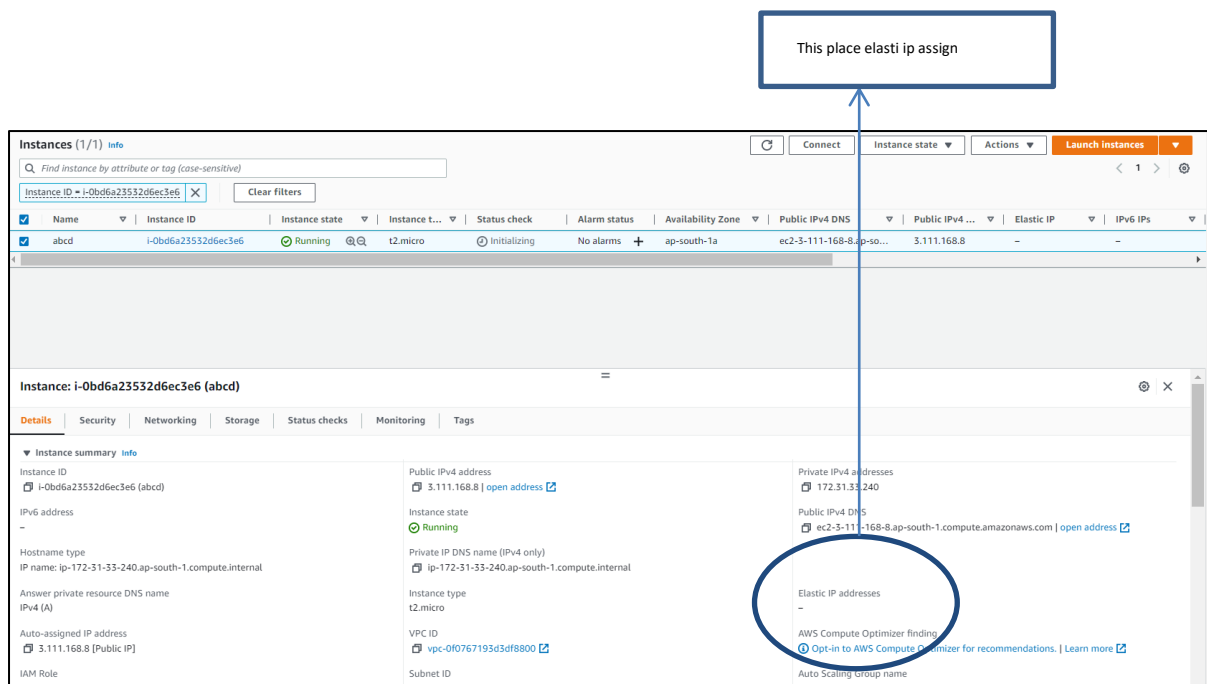
Network&security--->elastic ips----->allocate elastip ip



Elastic ip create done

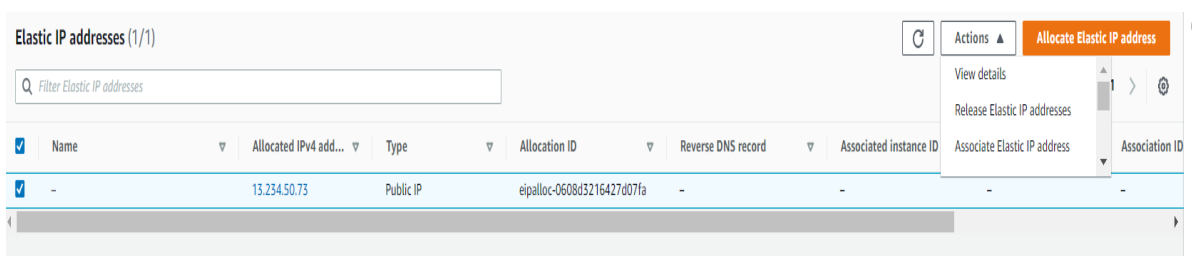


STEP2:normal one any instance create



STEP3:allocate elastic ip

Select box---->actions--->associate elastic ip



STEP4:Associate elastic ip address--->Resource type(instance)--->

Select instance--->Associate.

Associate Elastic IP address

Choose the instance or network interface to associate to this Elastic IP address (13.234.50.73)

Elastic IP address: 13.234.50.73

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 to an instance that already has an Elastic IP address associated, this previously associated Elastic IP address will be disassociated but still allocated to your account. [Learn more](#)

Instance

Private IP address
The private IP address with which to associate the Elastic 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

Elastic IP address associated successfully.
Elastic IP address 13.234.50.73 has been associated with instance i-0bd6a23532d6ec3e6

Elastic IP addresses (1/1)

| <input checked="" type="checkbox"/> | Name | Allocated IPv4 address | Type | Allocation ID | Reverse DNS record | Associated instance ID | Private IP address | Association ID |
|-------------------------------------|------|------------------------|-----------|----------------------------|--------------------|------------------------|--------------------|----------------|
| <input checked="" type="checkbox"/> | - | 13.234.50.73 | Public IP | eipalloc-0608d3216427d07fa | - | i-0bd6a23532d6ec3e6 | 172.31.33.240 | eipassoc-0550 |

Elastic ip associate successfully..

STEP5:Instance--->details--->check elastic ip--->assign done..

The screenshot displays the AWS Management Console interface. At the top, there's a search bar and navigation buttons like 'Connect', 'Instance state', and 'Actions'. Below this is a table listing instances. The instance 'abcd' with ID 'i-0bd6a23532d6ec3e6' is highlighted, showing it is in a 'Running' state. Below the table, the details for instance 'abcd' are shown, including its state, IP addresses, and other configuration details.

| Name | Instance ID | Instance state | Instance t... | Status check | Alarm status | Availability Zone | Public IPv4 DNS | Public IPv4 ... | Elastic IP | IPv6 IPs |
|---------|---------------------|----------------|---------------|-------------------|--------------|-------------------|--------------------------|-----------------|--------------|----------|
| windows | i-06b8dffe627333eee | Terminated | t2.micro | - | No alarms | ap-south-1a | - | - | - | - |
| abcd | i-0bd6a23532d6ec3e6 | Running | t2.micro | 2/2 checks passed | No alarms | ap-south-1a | ec2-13-234-50-73.ap-s... | 13.234.50.73 | 13.234.50.73 | - |

Instance: i-0bd6a23532d6ec3e6 (abcd)

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

▼ Instance summary Info

| | | |
|------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Instance ID i-0bd6a23532d6ec3e6 (abcd) | Public IPv4 address 13.234.50.73 open address | Private IPv4 addresses 172.31.33.240 |
| IPv6 address - | Instance state Running | Public IPv4 DNS ec2-13-234-50-73.ap-south-1.compute.amazonaws.com open address |
| Hostname type IP name: ip-172-31-33-240.ap-south-1.compute.internal | Private IP DNS name (IPv4 only) ip-172-31-33-240.ap-south-1.compute.internal | Elastic IP addresses 13.234.50.73 [Public IP] |
| Answer private resource DNS name IPv4 (A) | Instance type t2.micro | AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more |
| Auto-assigned IP address - | VPC ID vpc-0f0767193d3df8800 | Auto Scaling Group name |
| IAM Role | Subnet ID | |

Elastic ip is also public ip..

Finally deassociate elastic ip ---->and release elastip ip..

