

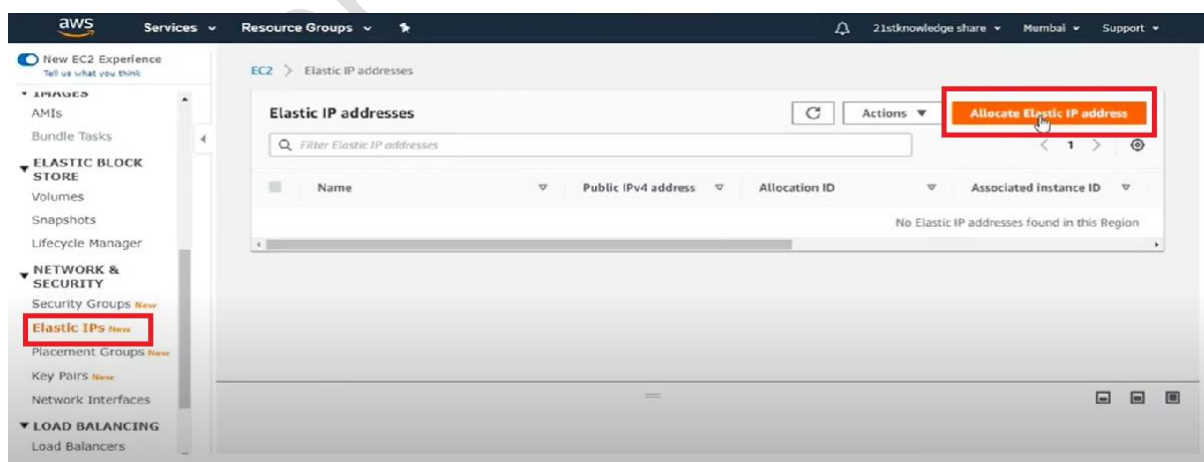
Associating an Elastic IP address with a running instance in AWS document

Elastic IP address

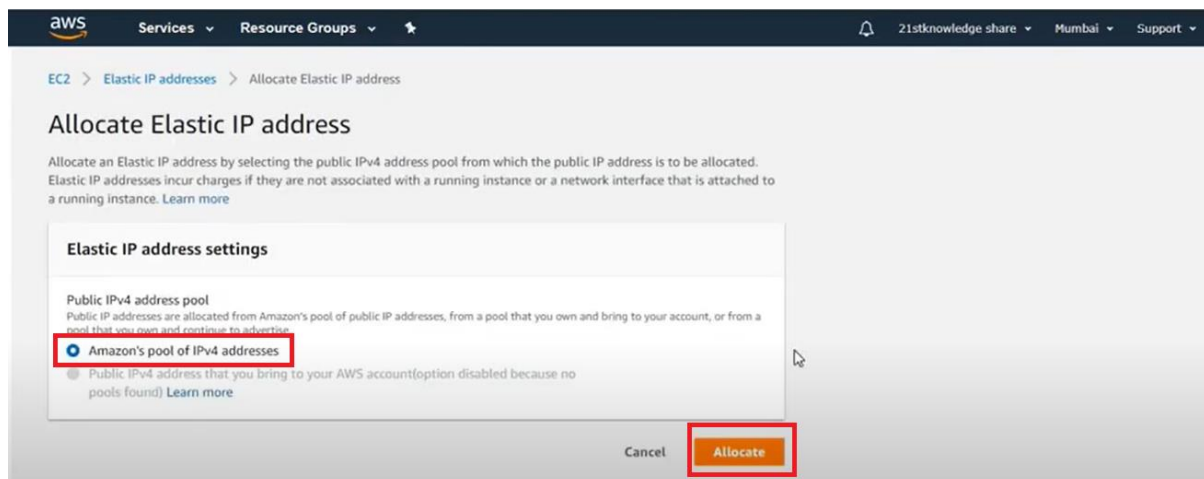
- ✚ You first allocate an Elastic IP address for use in a VPC, and then associate it with an instance in your VPC (it can be assigned to only one instance at a time).
- ✚ You can move an Elastic IP address from one instance to another. The instance can be in the same VPC or another VPC
- ✚ Your Elastic IP addresses remain associated with your AWS account until you explicitly release them.
- ✚ To ensure efficient use of Elastic IP addresses, we impose a small hourly charge when they aren't associated with a running instance, or when they are associated with a stopped instance
- ✚ you aren't charged for one Elastic IP address associated with the instance, but you are charged for any additional Elastic IP addresses associated with the instance.

Let see how can allocate an Elastic IP address and then associate it with an instance in a VPC.

1. Open the Amazon VPC console at <https://console.aws.amazon.com/vpc/>.
2. In the navigation pane, choose **Elastic IPs**.



3. Choose **Allocate Elastic IP address**.

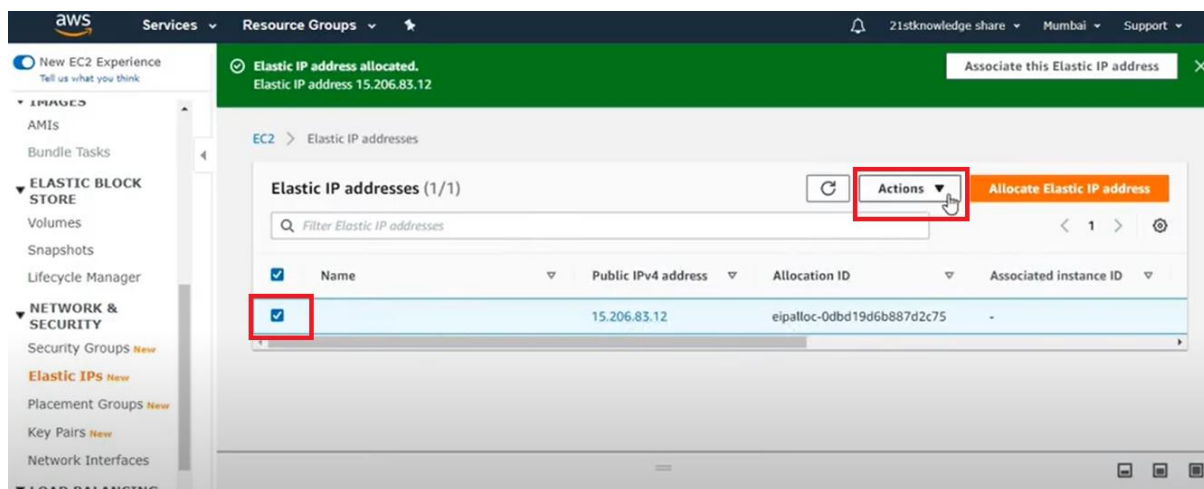


4. Choose **Amazon pool**

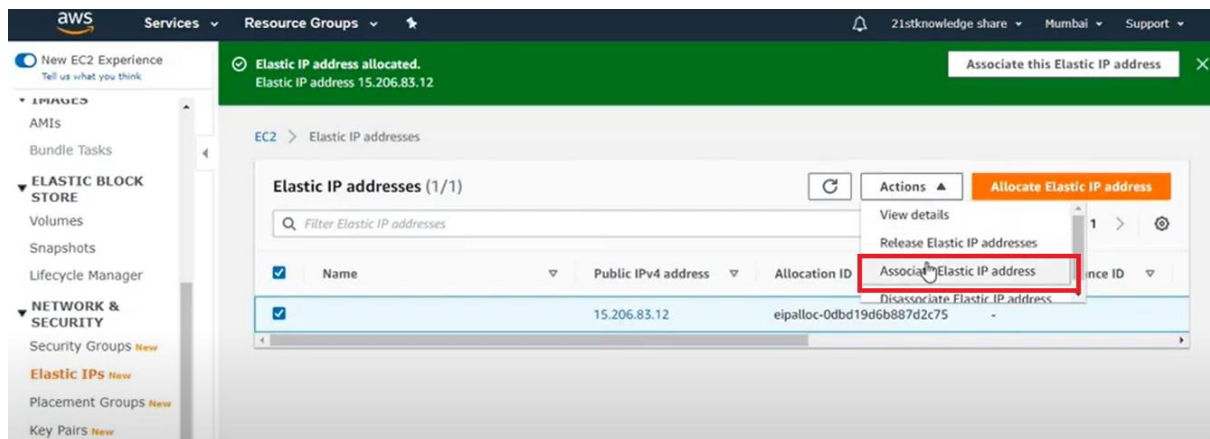
5. Choose **Allocate**.

Associating an Elastic IP address with a running instance or network interface

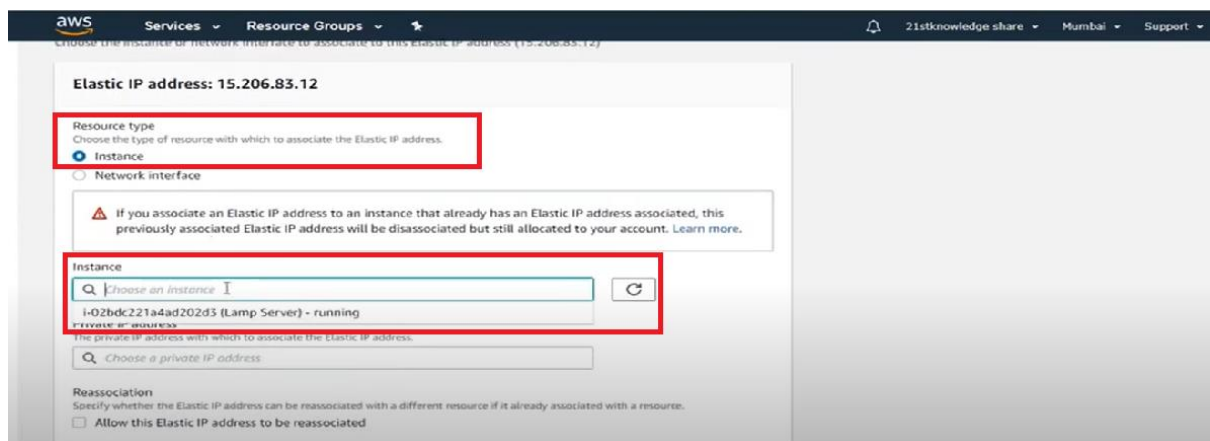
1. Select the Elastic IP address to associate



2. choose **Actions**, **Associate Elastic IP address**



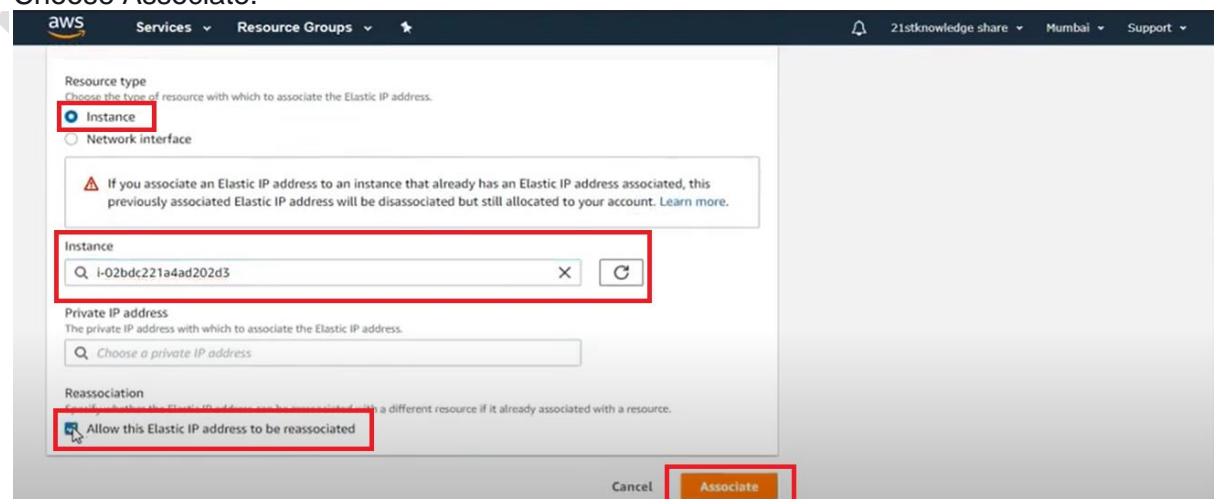
3. For **Resource type**, choose **Instance**.



4. For instance, choose the instance with which to associate the Elastic IP address. You can also enter text to search for a specific instance.

5. (Optional) For Private IP address, specify a private IP address with which to associate the Elastic IP address.

6. Choose **Associate**.



Find the below image attached Elastic IP in an instance.

