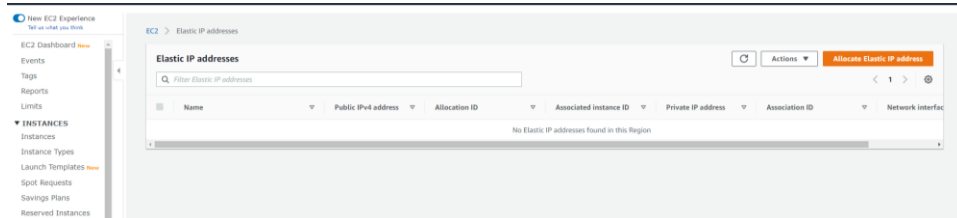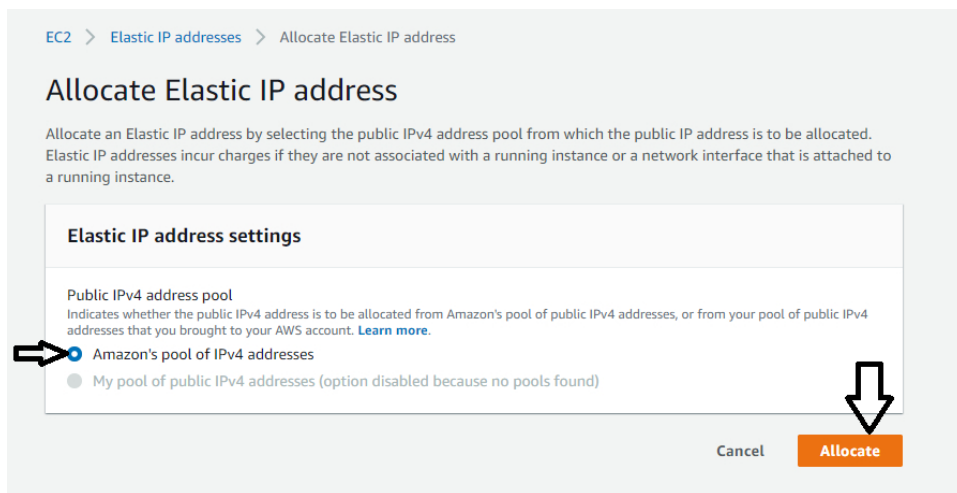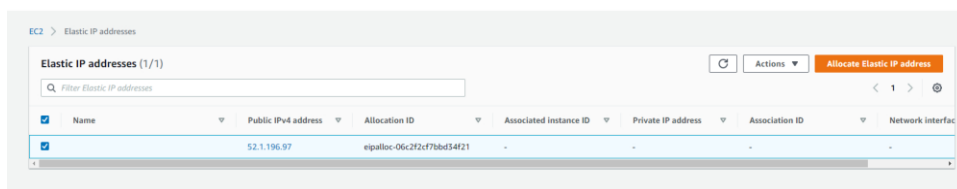Provision EC2 Instances with Elastic IP Addresses

Step 1: To create an elastic IP address, open the EC2 Dashboard and then click on the Elastic IPs tab. This will cause the console to display the screen

Step 2 : Now, click on the Allocate Elastic IP Address button. This will take you to a screen that asks you where you want the elastic IP address to come from.
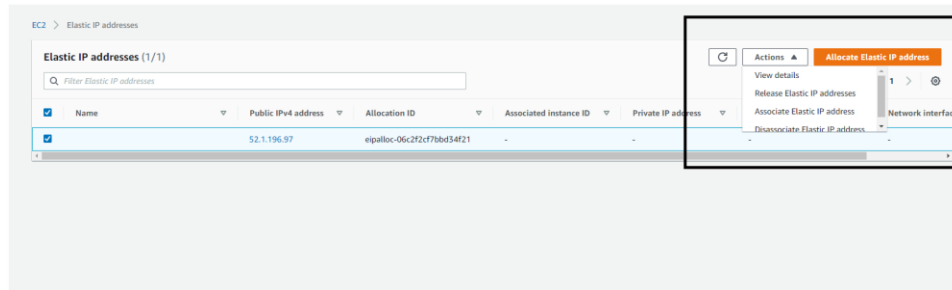

Step 3 : Click the Allocate button, and you will be given a public IP address. You can see what this looks like

Step 4: The IP address shown in the figure above has not yet been allocated to an EC2 instance.

To assign an elastic IP to an existing instance. From the Elastic IPs tab, select the IP address and then choose the Associate Elastic IP Address option from the Actions menu,

Step 5: Now, just choose the option to associate the address with an instance, and then choose the instance that you want to associate the address with. Once you have made your selection, click the Associate button to complete the process.

To release EIPs

Step 1 : Go to the EC2 service and click on Elastic IPs in the left menu to observe the addresses of the specific region.

To release the IP, simply select it in the list, click on Actions → Release Elastic IP addresses