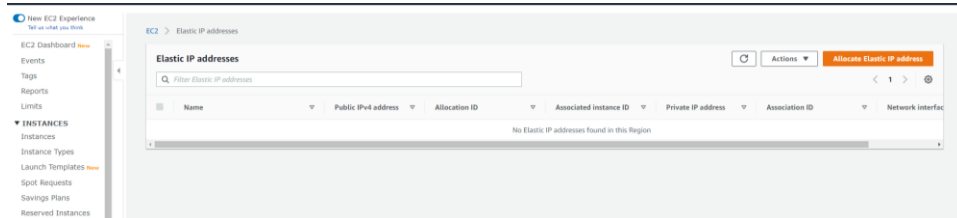
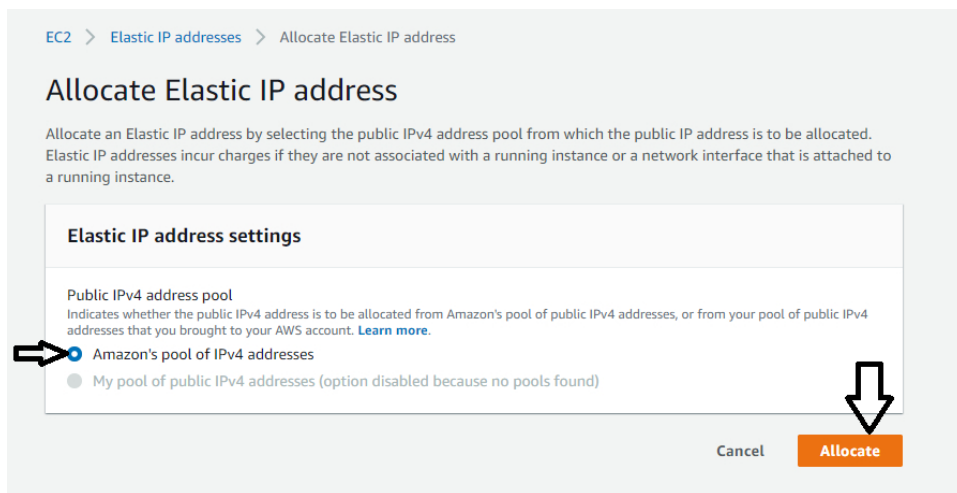


## Provision EC2 Instances with Elastic IP Addresses

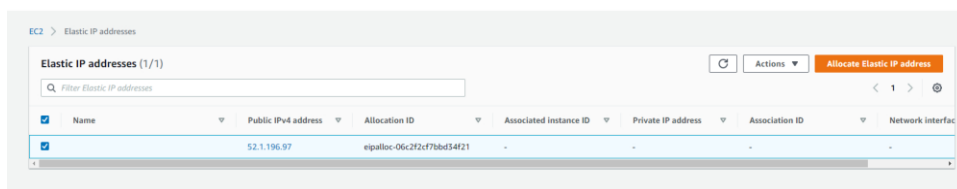
Step 1: To create an elastic IP address, open the EC2 Dashboard and then click on the Elastic IPs tab. This will cause the console to display the screen



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.

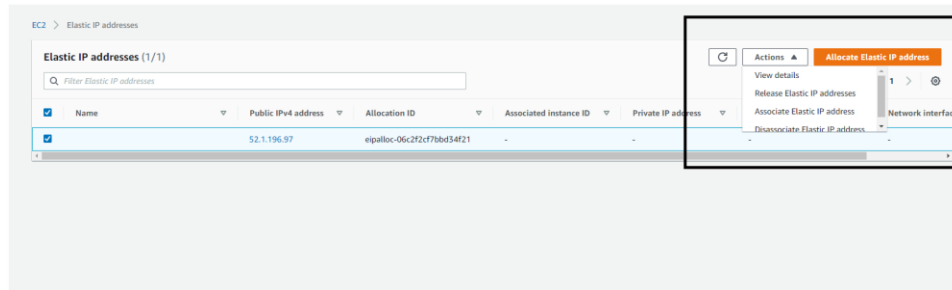


Step 3 : Click the Allocate button, and you will be given a public IP address. You can see what this looks like



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.

A screenshot of the 'Associate Elastic IP address' wizard in the AWS console. The page title is 'Associate Elastic IP address' and the subtitle is 'Choose the instance or network interface to associate to this Elastic IP address (52.1.196.97)'. The 'Elastic IP address: 52.1.196.97' is displayed. Under 'Resource type', 'Instance' is selected with a radio button. A warning message states: '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.' Below this, the 'Instance' field contains 'i-0925b68450ea9e328'. The 'Private IP address' field is empty with a placeholder 'Choose a private IP address'. At the bottom, the 'Reassociation' section has a checkbox 'Allow this Elastic IP address to be reassociated' which is unchecked. There are 'Cancel' and 'Associate' buttons at the bottom right, with a large black arrow pointing to the 'Associate' button.

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

Elastic IP addresses (1/1)					<div>Actions </div> <div>Allocate Elastic IP address</div>	
<div> Filter Elastic IP addresses</div>					<div>View details</div> <div>Release Elastic IP addresses</div> <div>Associate Elastic IP address</div> <div>Disassociate Elastic IP address</div>	
	Allocated IPv4 add...	Type	Allocation ID	Associa	address	
	13.48.98.210	Public IP	eipalloc-080a1e3fa9c04ad72	-		