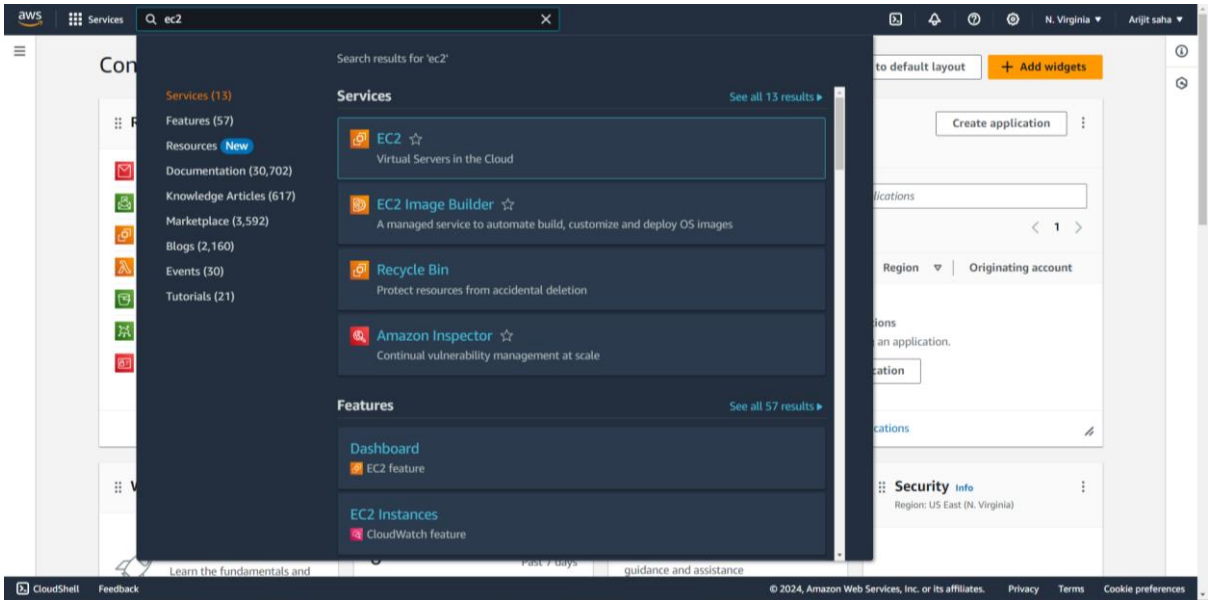
Assignment No: 14

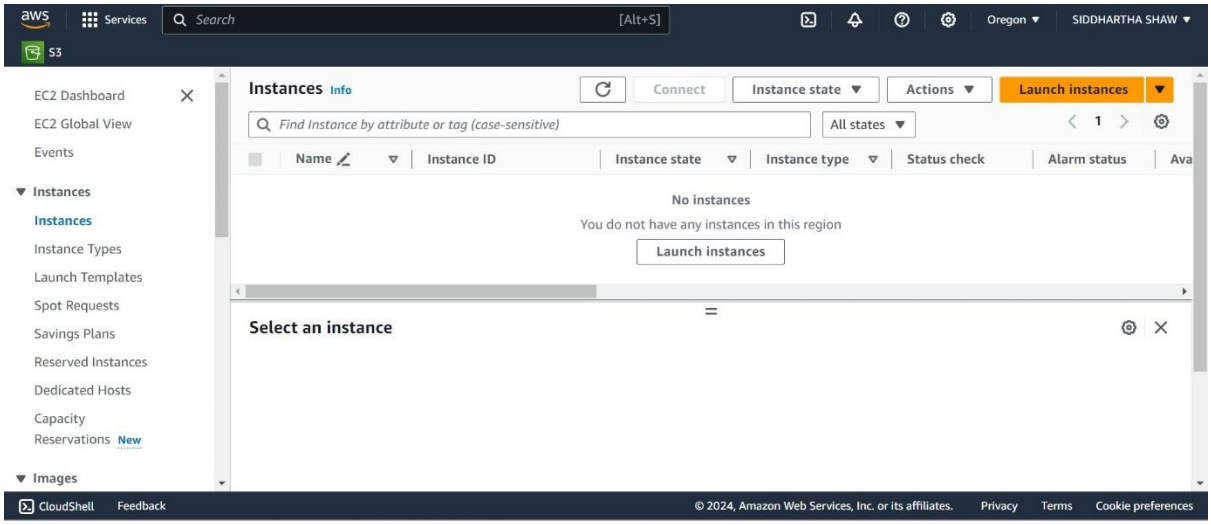
Problem Statement: Create an Elastic IP for an instance.

The steps are as follows: -

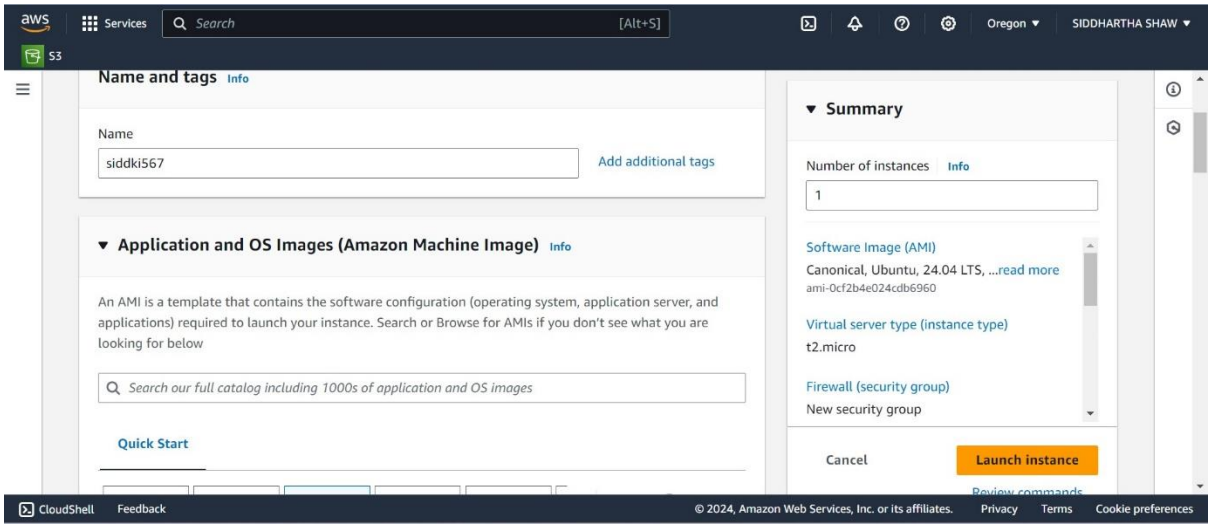
1. Please open the AWS console, navigate to EC2, and select the first option listed.



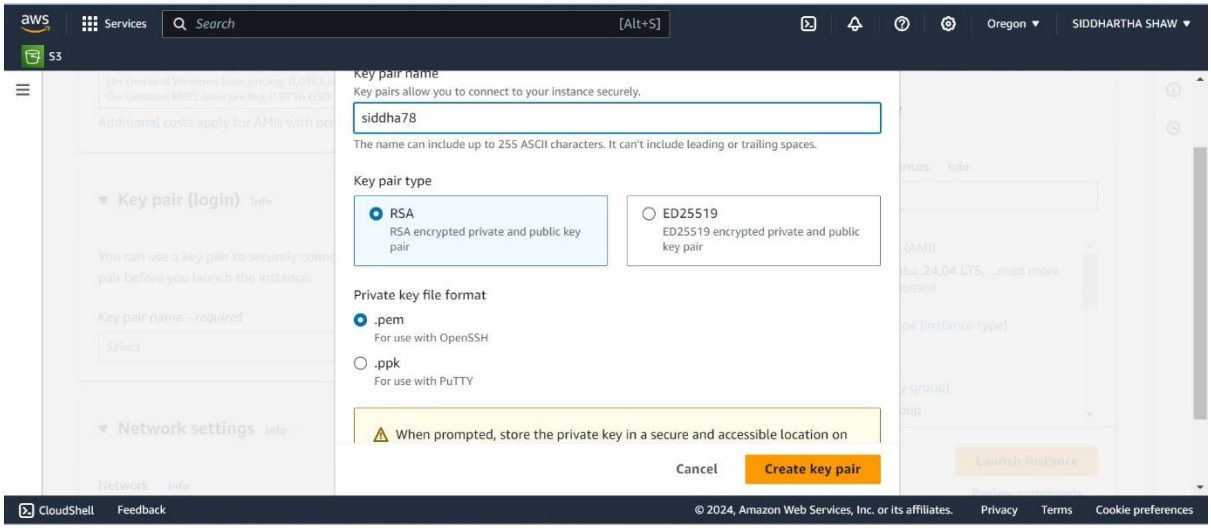
2. Select the "**Launch Instance"** button.



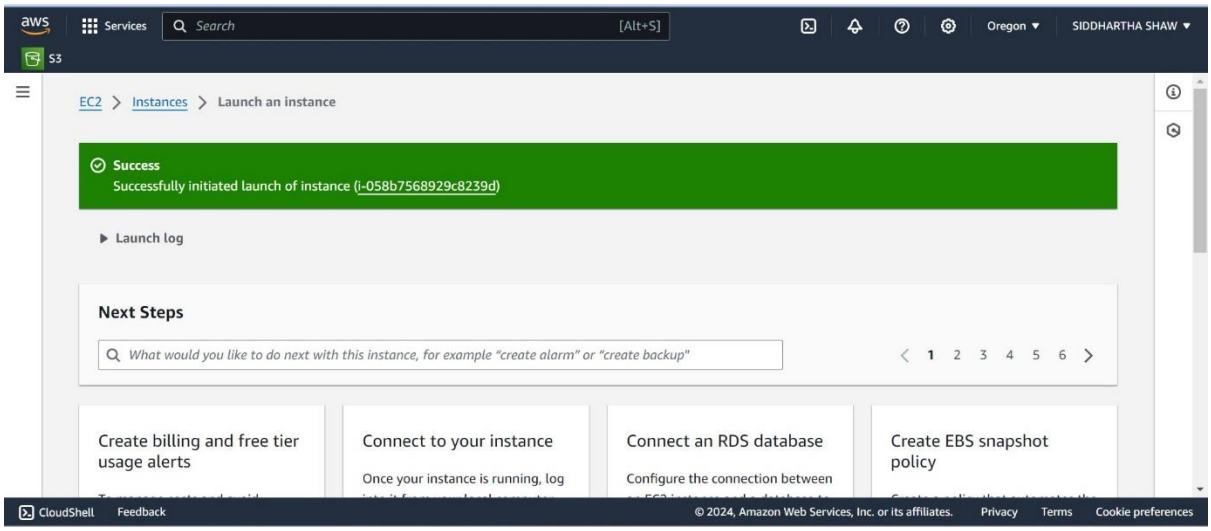
3. Enter a suitable name for your instance. For instance, we have named it **"siddki567".**



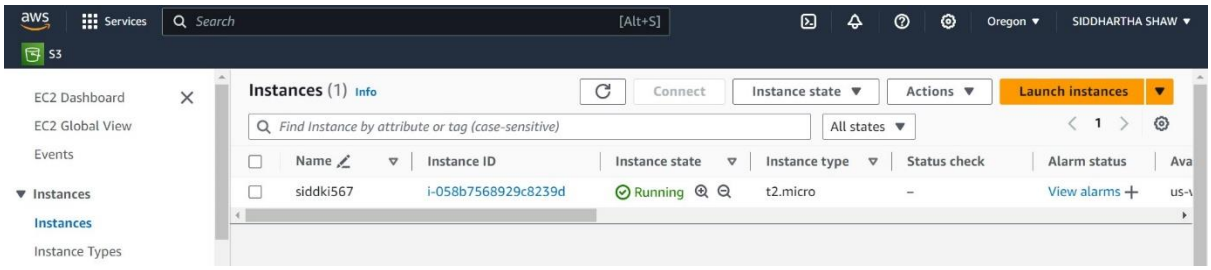
4. Select **Ubuntu** from the list of available AMIs and create "**key pair**".



5. Select the checkboxes for SSH, HTTP, and HTTPS protocols. Proceed to click on "**Launch Instance**".

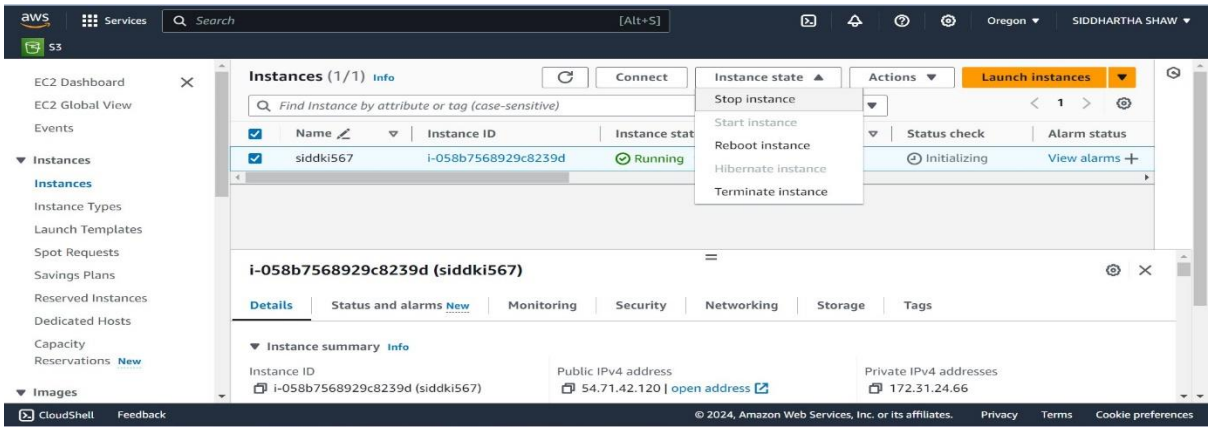


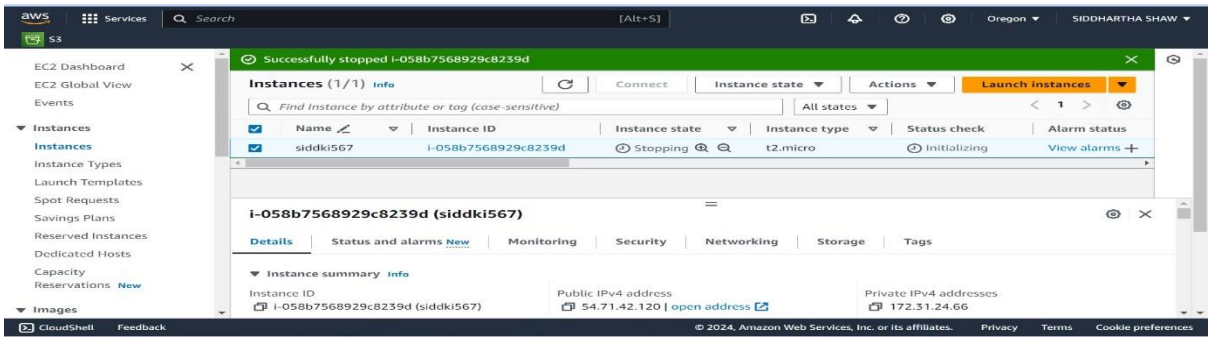
6. The instance has been created successfully.



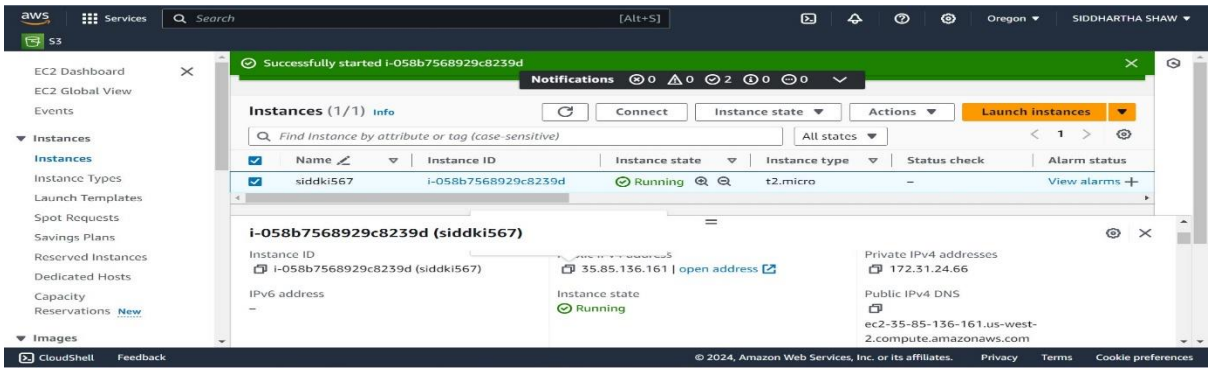
7. To view the public IPv4 address, click on the instance ID.

8. Select the instance, go to "Instance State," and choose to stop the instance.

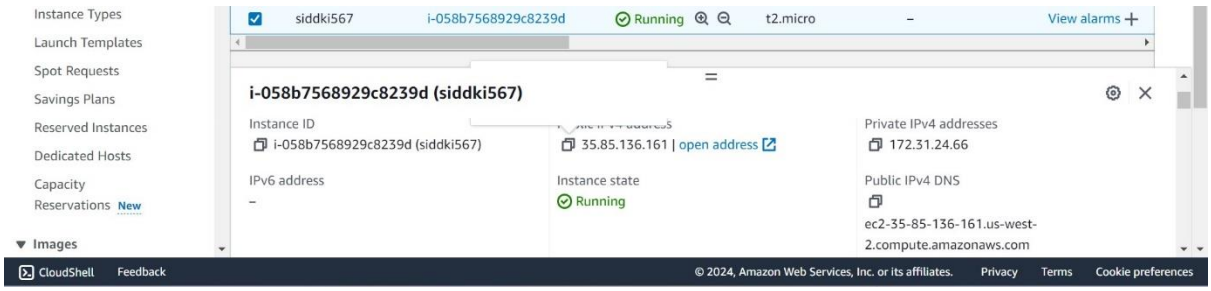




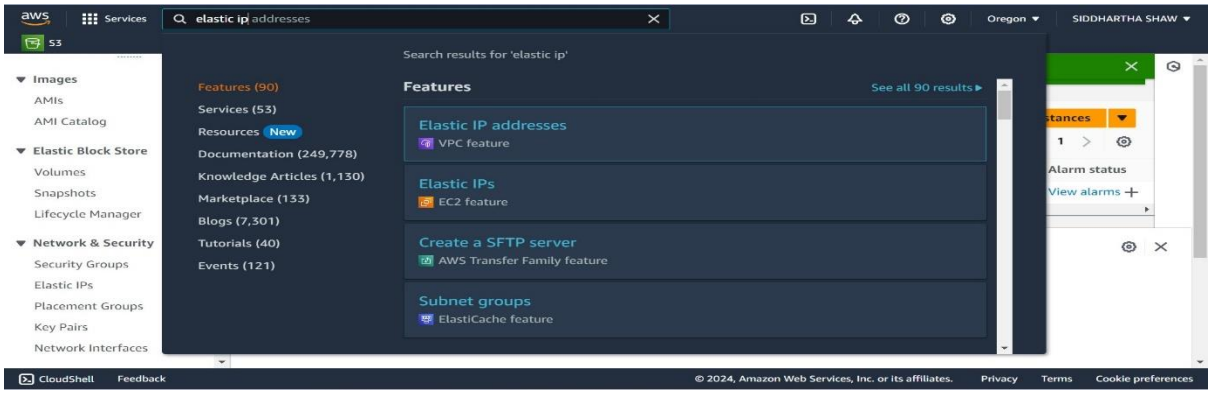
9. Once the instance is stopped, proceed to start the instance again.

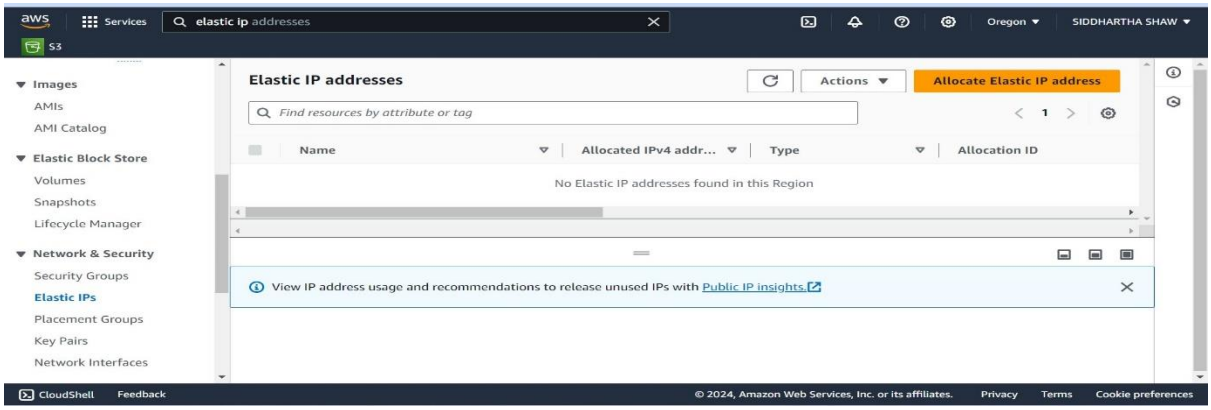


10. After restarting the instance, you will notice that the IPv4 address has changed.

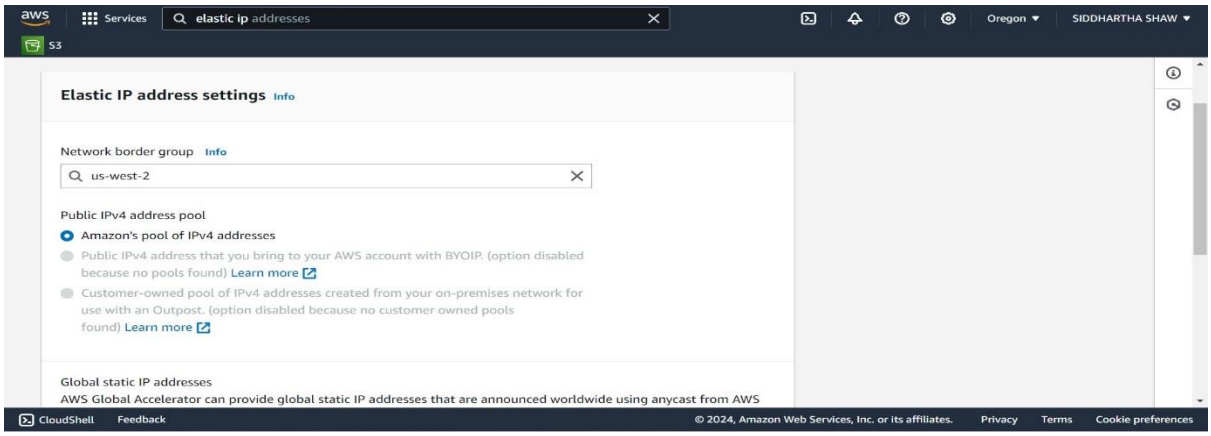


11. Next, we will associate this instance with an Elastic IP.

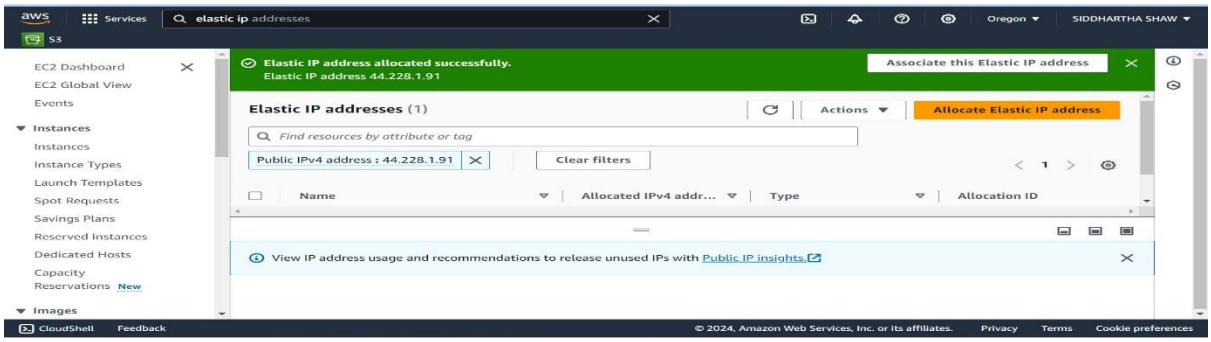




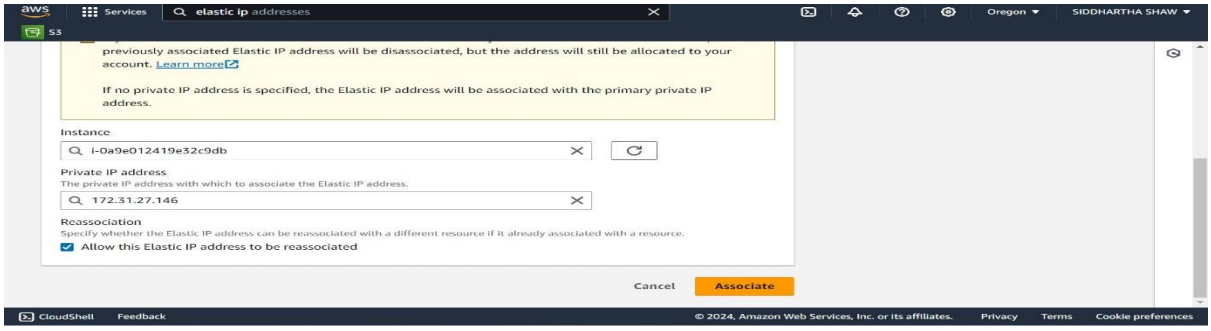
12.Select "**Allocate Elastic IP Address**" button.



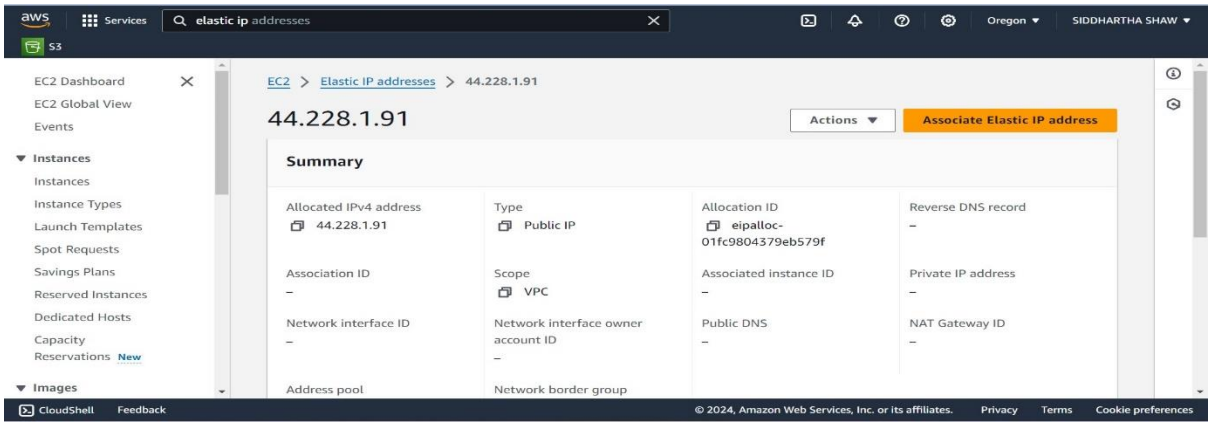
13.The subsequent window appears.



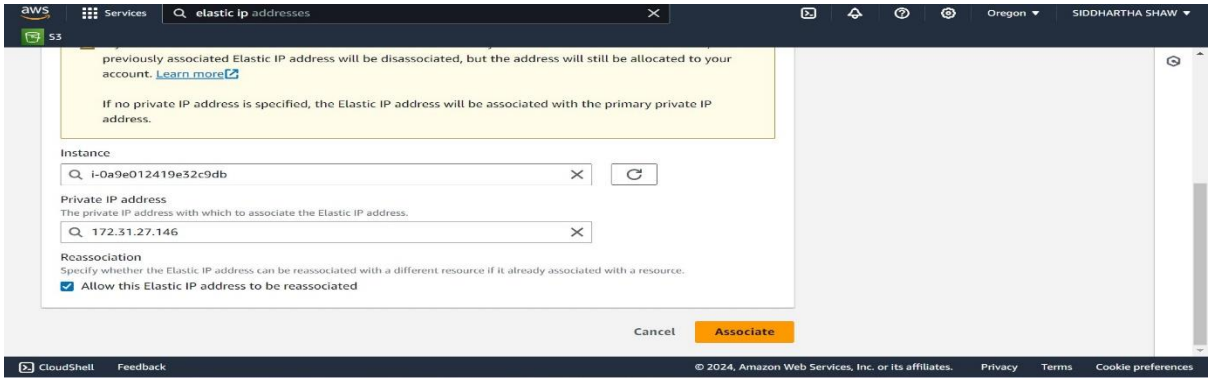
14.Now we Proceed to click on “**Allocate**”.



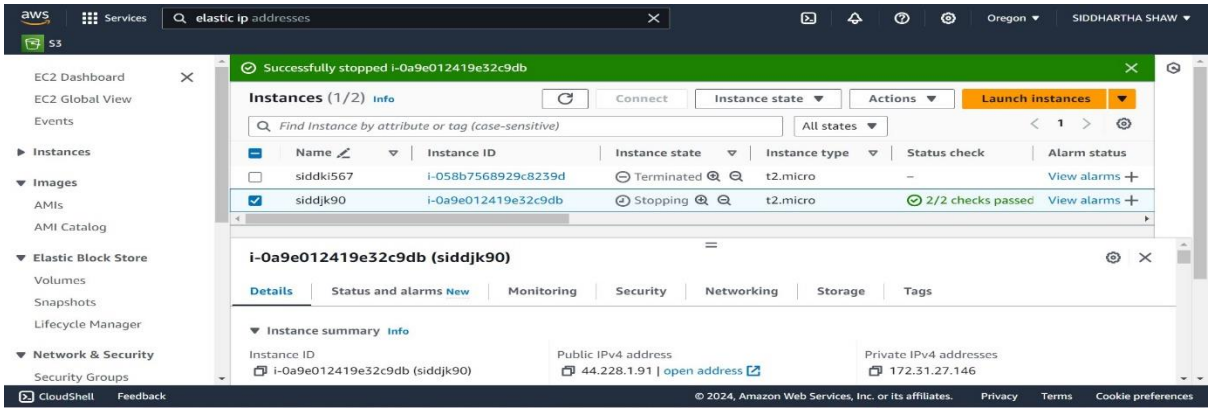
15.Now proceed to click on “**Associate Elastic IP Address**”.



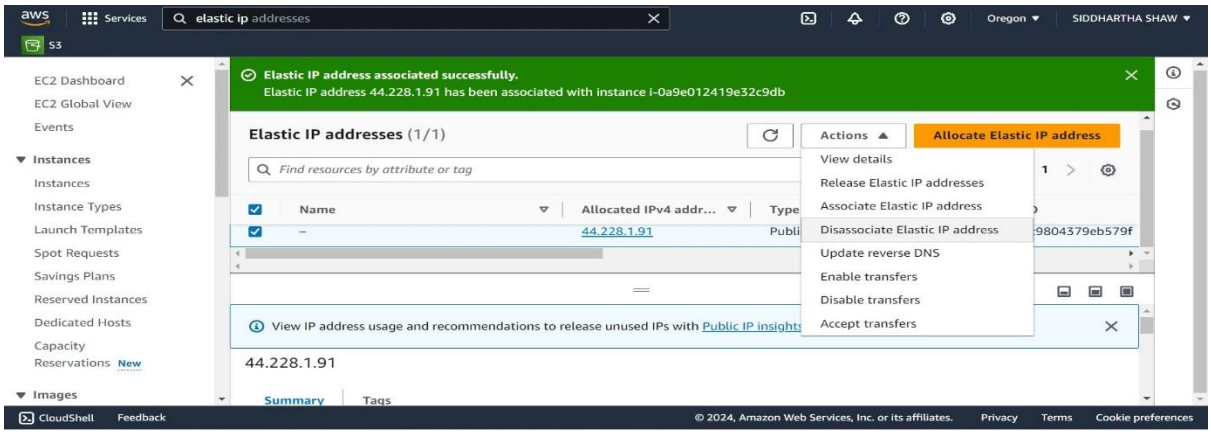
16. Choose the instance, its private IP address, and tick the checkbox below. Then, proceed to click on "**Associate**."

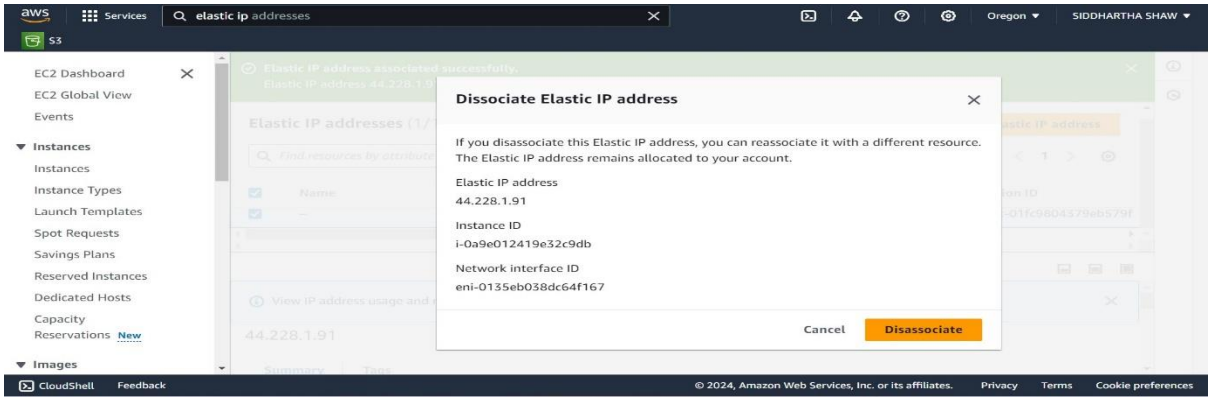


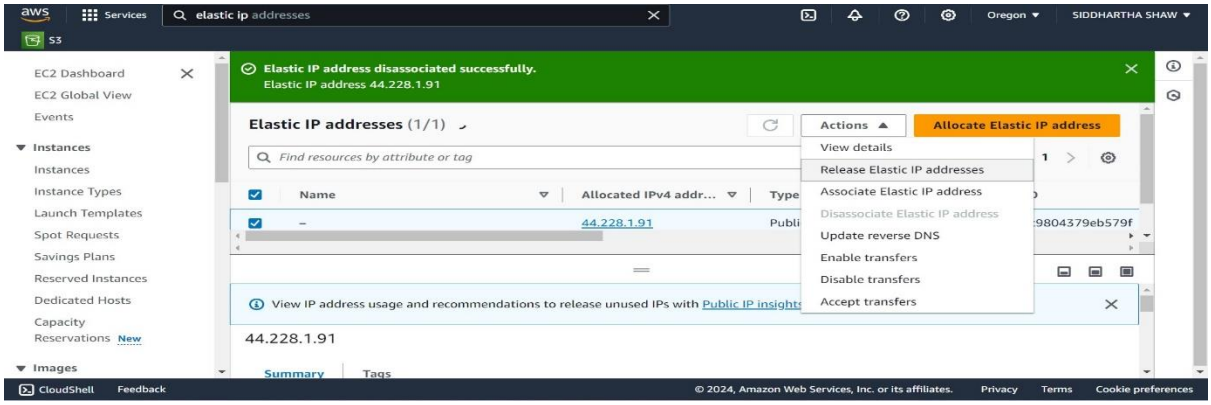
17. After stopping and then restarting the instance, you will observe that the IPv4 address remains unchanged.

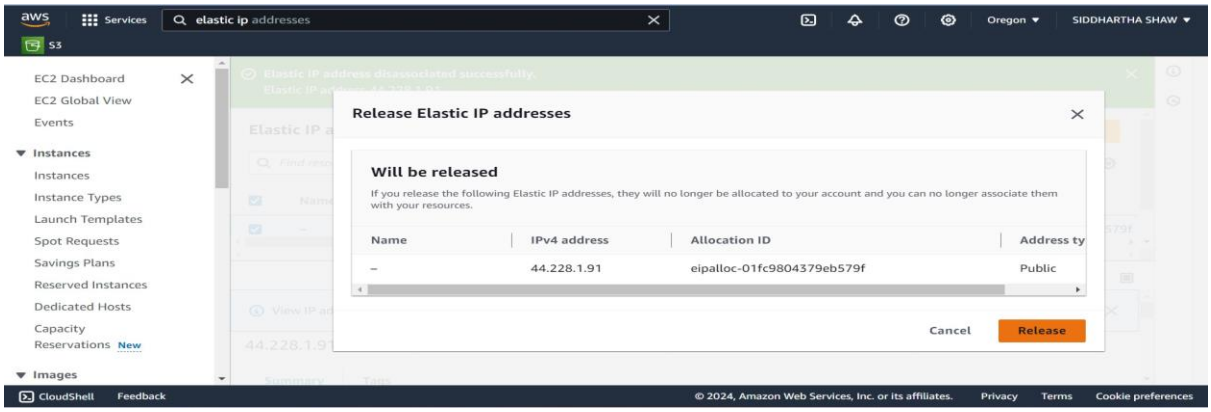


18. now we have to Disassociate the "**elastic ip addresses** then **"release it**".




Dissociate Elastic IP address
If you disassociate this Elastic IP address, you can reassociate it with a different resource. The Elastic IP address remains allocated to your account.
Elastic IP address
44.228.1.91
Instance ID
i-0a9e012419e32c9db
Network interface ID
eni-0135eb038dc64f167
Cancel
Disassociate


Elastic IP address disassociated successfully.
Elastic IP address 44.228.1.91
Elastic IP addresses (1/1)
Actions
Allocate Elastic IP address
View details
Release Elastic IP addresses
Associate Elastic IP address
Disassociate Elastic IP address
Update reverse DNS
Enable transfers
Disable transfers
Accept transfers
44.228.1.91
Summary
Tags


Release Elastic IP addresses
Will be released
If you release the following Elastic IP addresses, they will no longer be allocated to your account and you can no longer associate them with your resources.
Name
IPv4 address
Allocation ID
44.228.1.91
eipalloc-01fc9804379eb579f
Public
Cancel
Release