Allocating Elastic IP Address

Elastic I.P :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.

Procedure:

1.Launch an ec2 instance-> select instance type as t2micro.

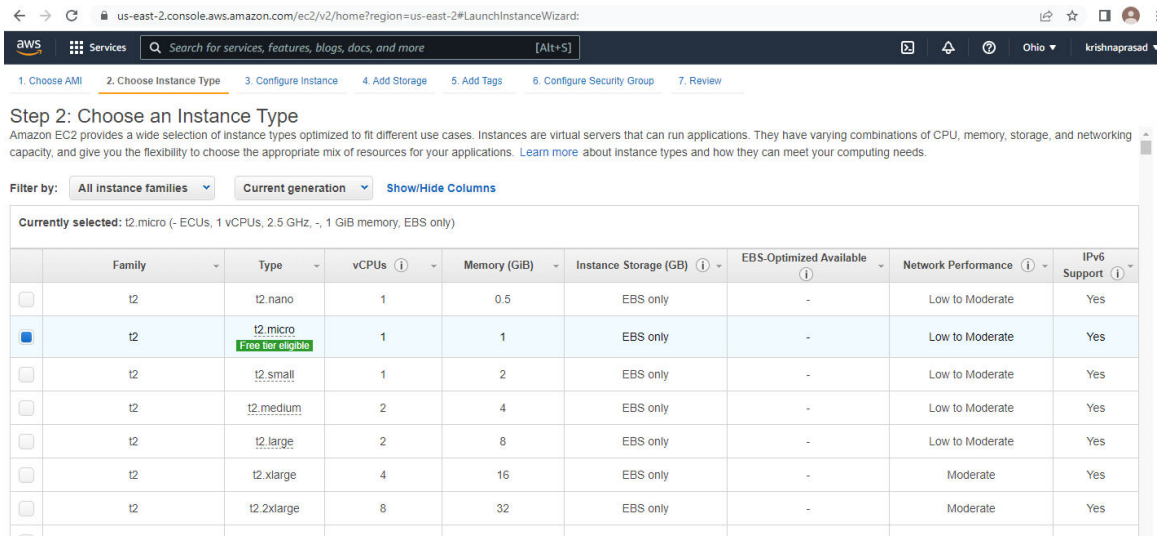
* configure instance details.

* Add storage.

* Add Tags.

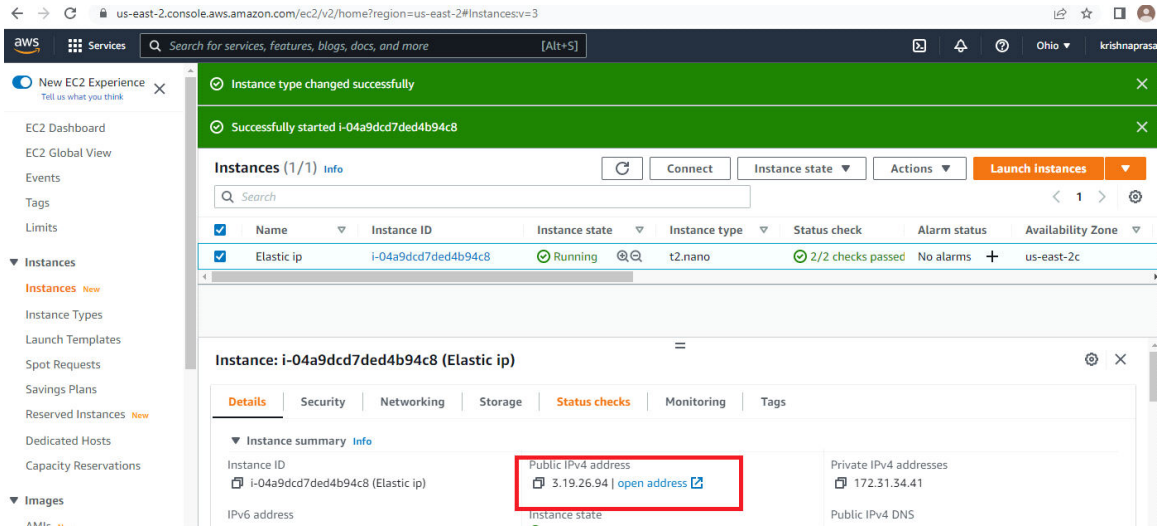
* Change security groups.

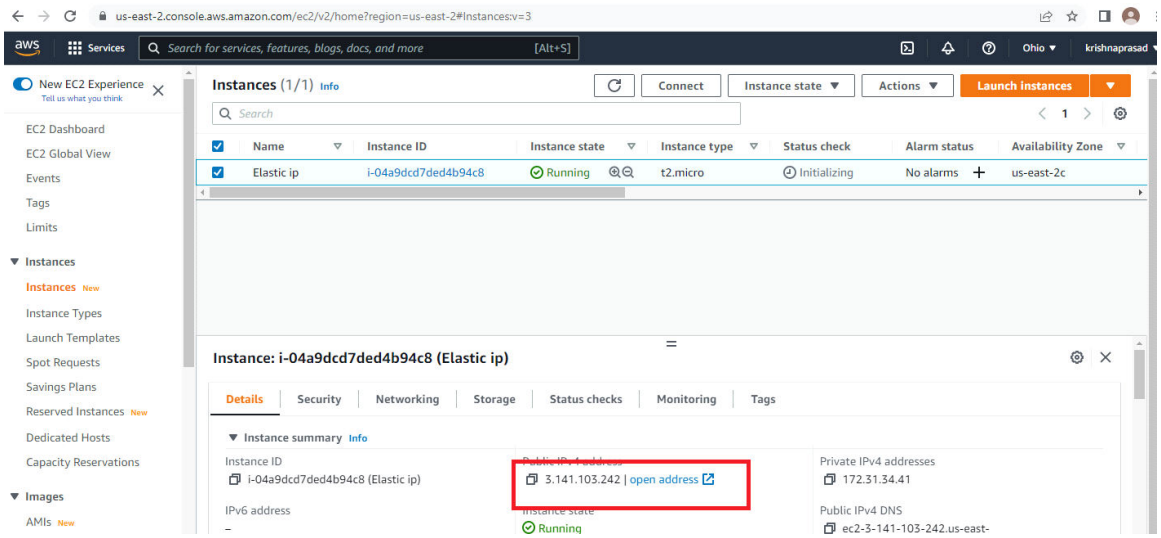
*Review and Launch.



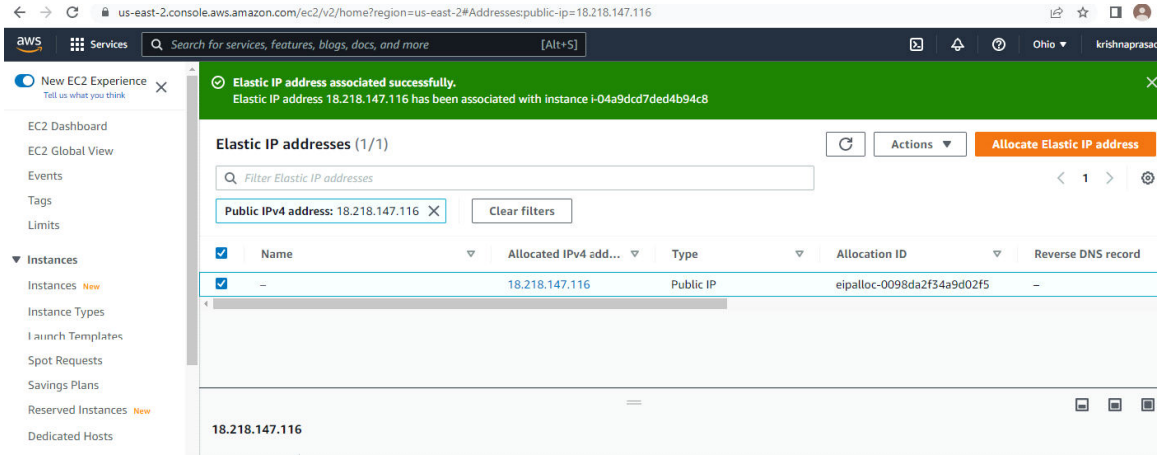
2. Now use "SUDO SHUTDOWN " command and change the instance type to t2micro. Again the start the instance and check the instance ip

address change.

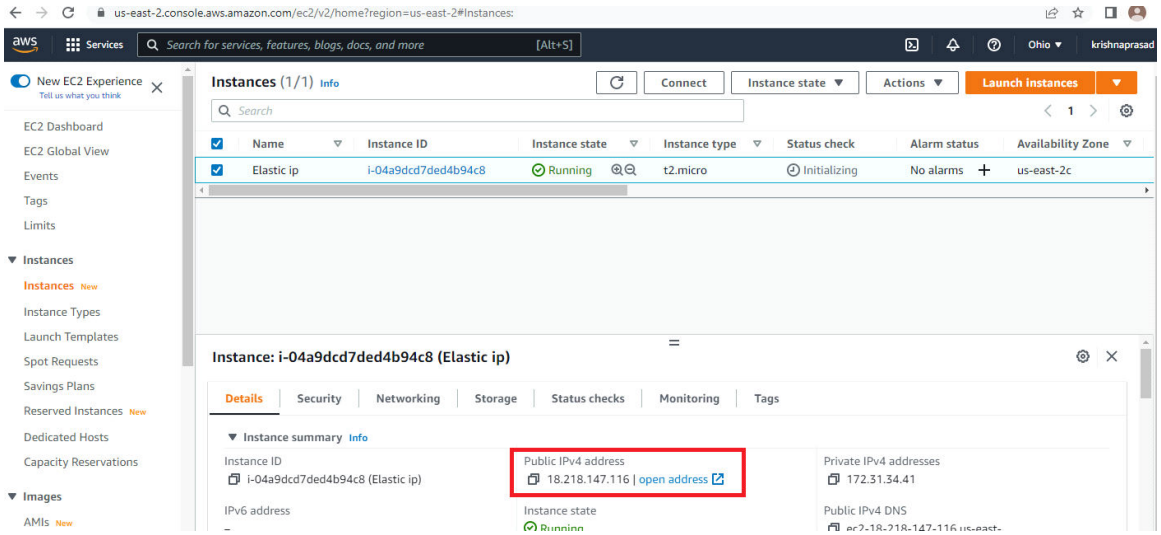




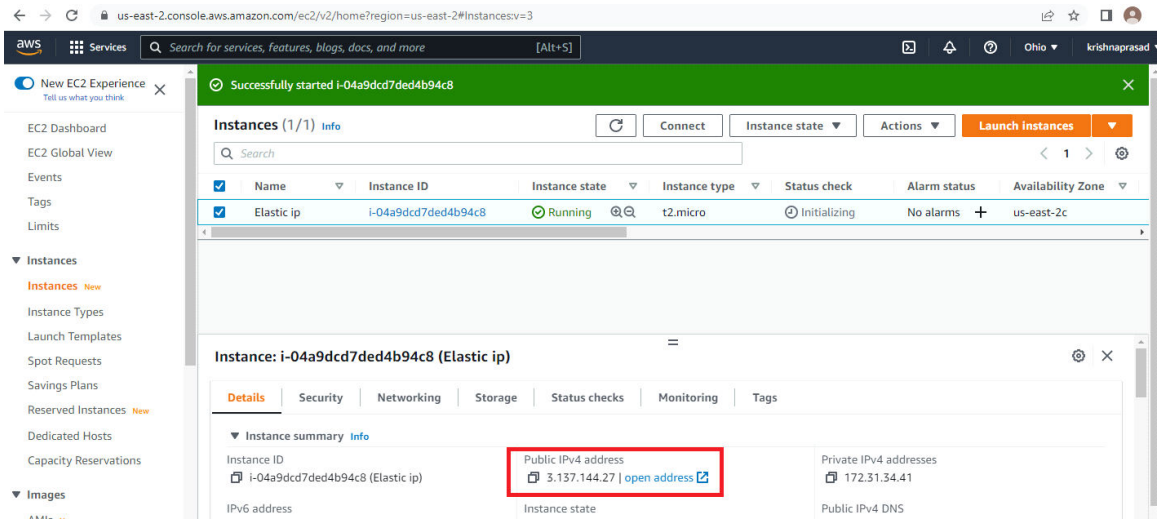
3. To avoid the change in instance ip address we associate elastic ip address.



4. After associating elastic ip to the instance,you can see the instance ip is changed to elastic ip. Even when you shutdown and start the instance elastic ip address doesn't change.



5. Disassociate the elastic ip address from your instance and check whether the ip address changed.



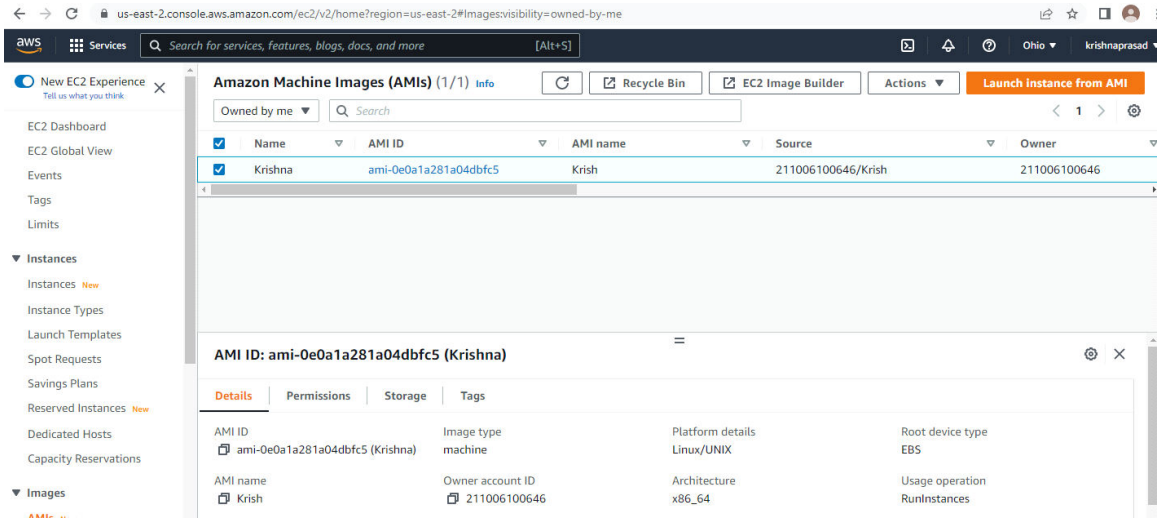
Creating Amazon Machine Image:

1. Select the Instance -> go to actions

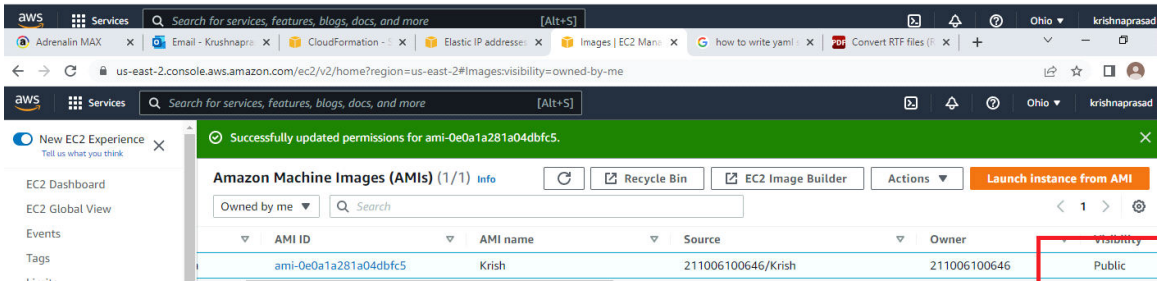
2.Select image and template.

3.Click on create image.

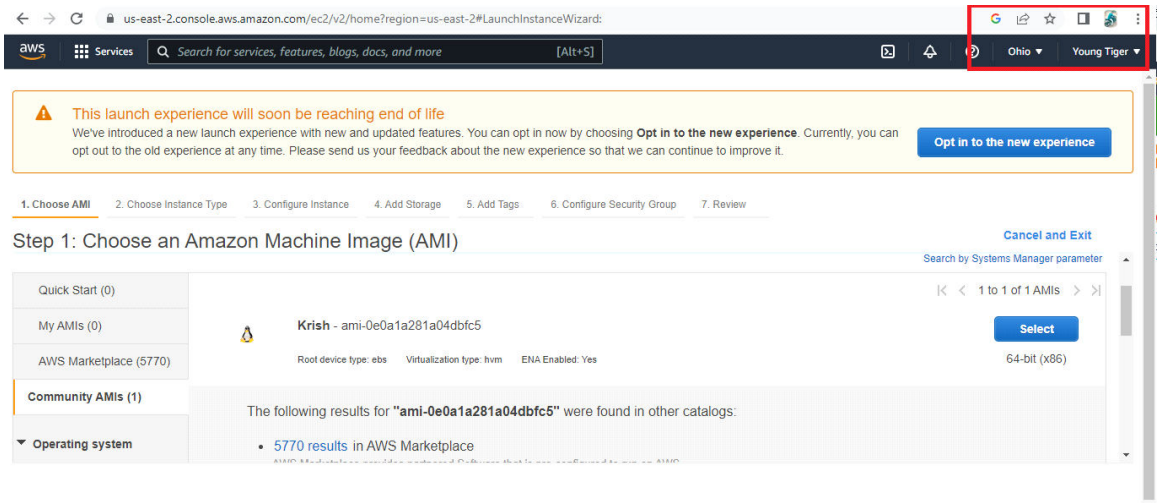
4. Give a name and create image.



5.Select the image and click on actions and change the visibility to public.



6. Share the Ami id to others and check the ami is available or not.



Conclusion: Associate and dissassociate the elastic ip along with creating a amazon machine image.