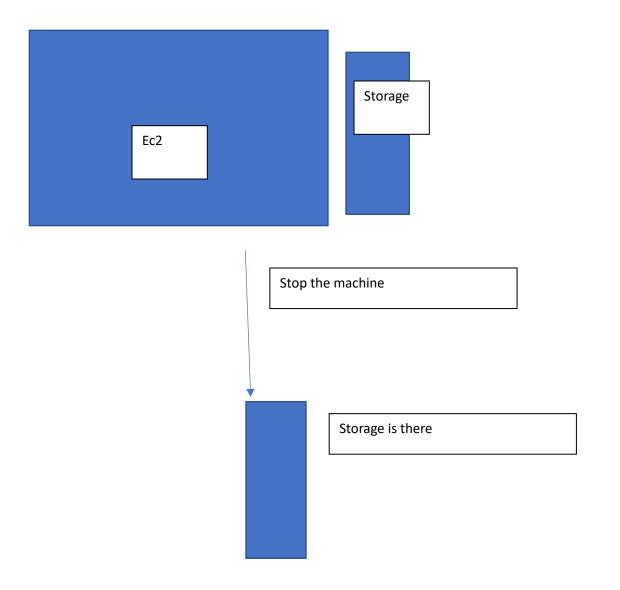
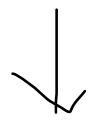
CONCEPT OF ELASTIC IP

IF we restart the machine the public ip changes ...

Or due to any if my machine starts then the public ip of the machine changes

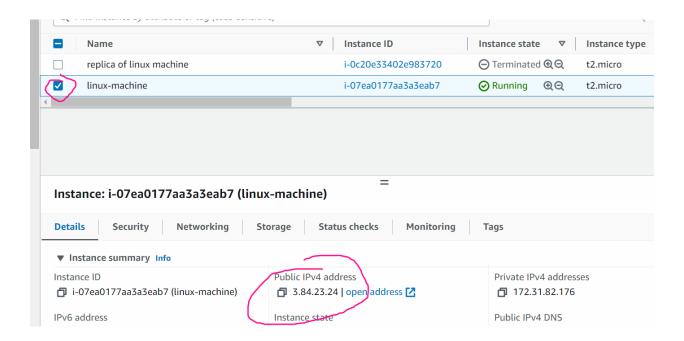
Because when you stop the instance the machine is removed but storage is there...so when you restart the instance the new machine Is attached to the instance ..and ip is attached to the machine ...so because of this the reason the public ip of the machine changes

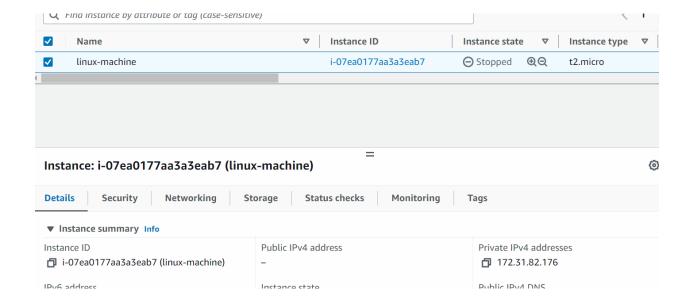




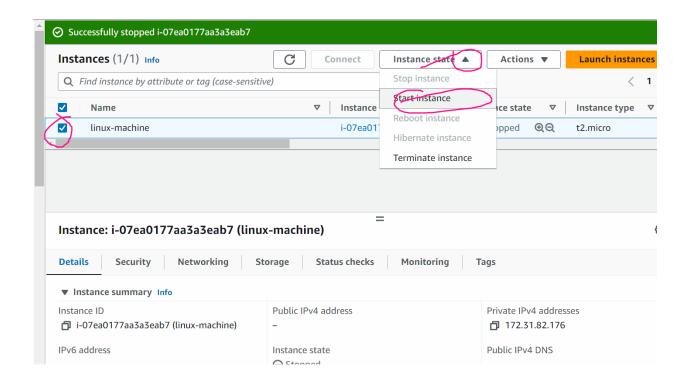
New ec2 machine

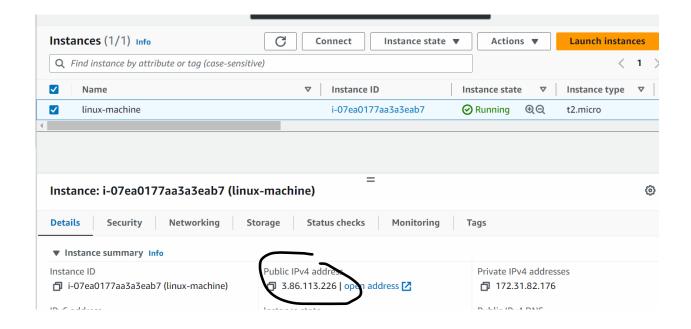
Storage





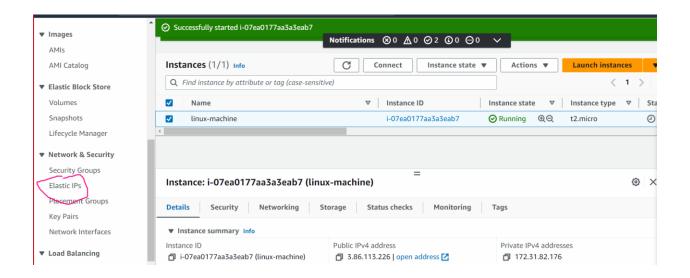
Lets restart the machine





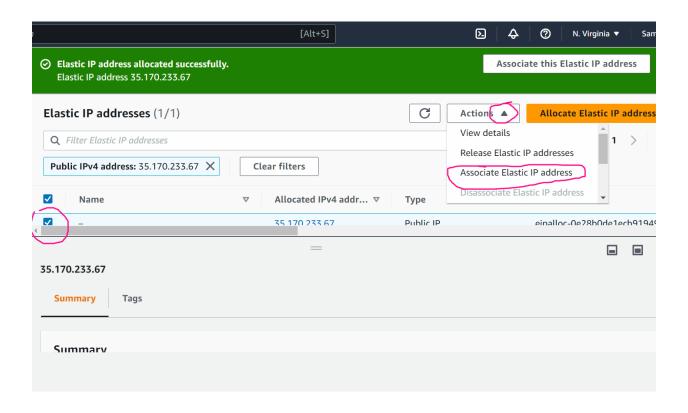
Earlier different ip was there and now its different.

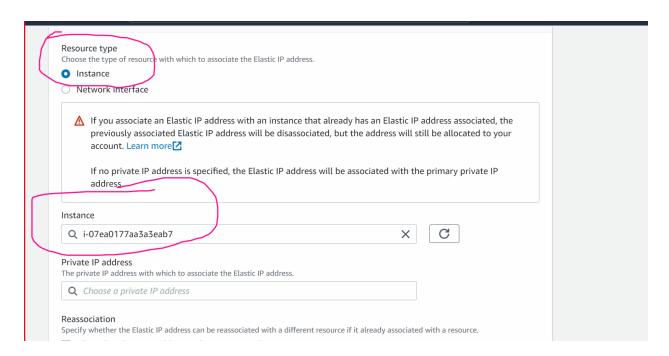
Working this problem working in prod env is really difficult because if your ip changes you have to make a lot of changes in the routing ...to avoid this problem we can use the concept of elastic ips



Allocate elastic ip

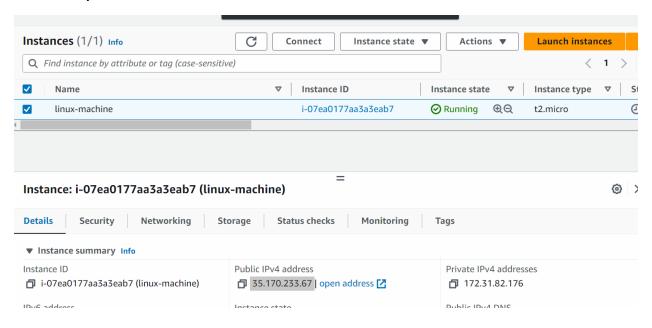
Allocate



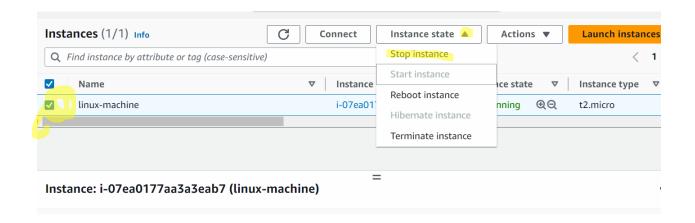


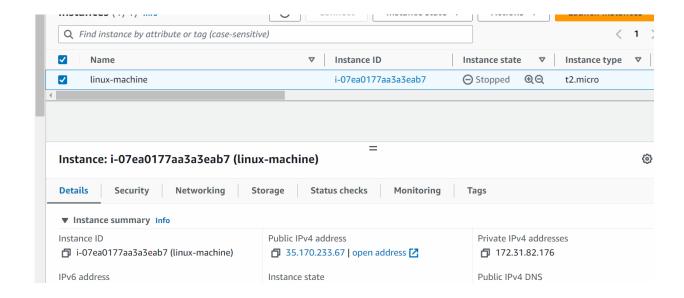
Associate

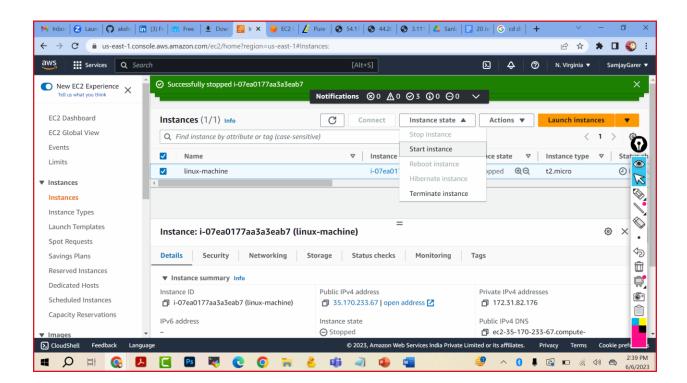
Refresh your instance



Now lets stop and start it again you will see the ip s not changes







Start

