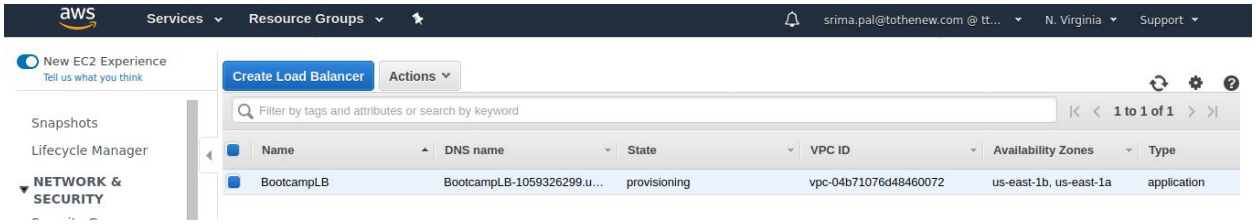
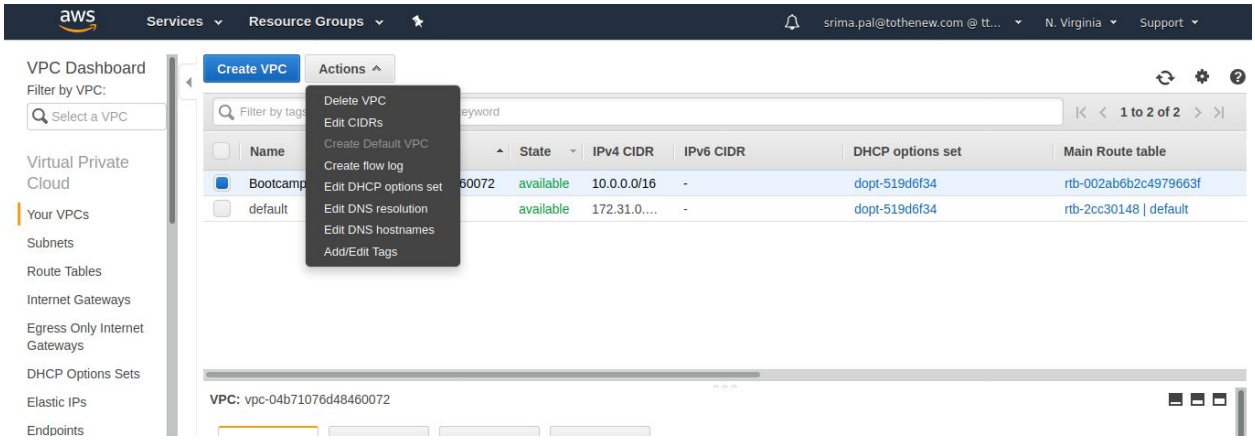
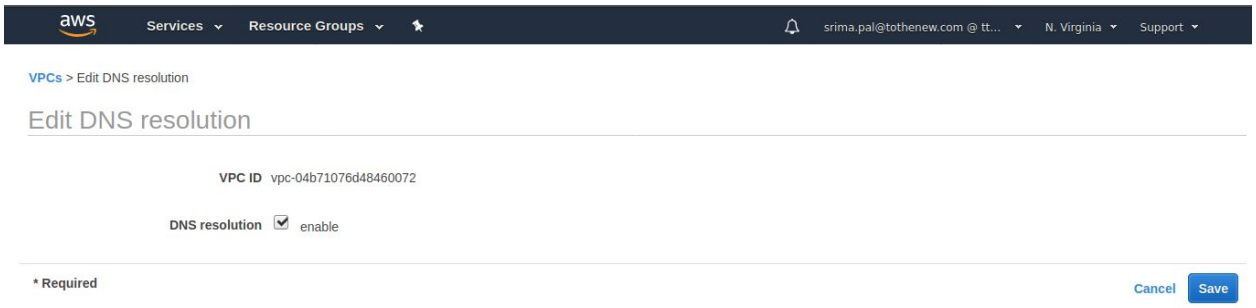
1) Create a private hosted zone named "ttn-internal.com" attached to the default vpc. and created a cname record "myloadbalance.ttn-internal.com" for any load balancer pointed to its dns. Do reverse lookup for the record from any instance of the vpc and share the result.

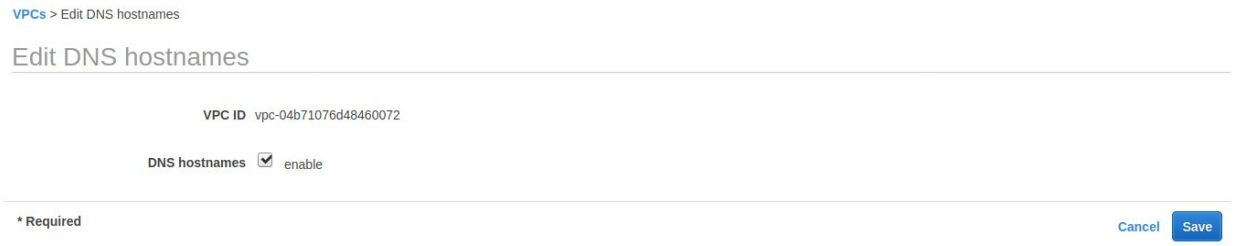
This is the load balancer



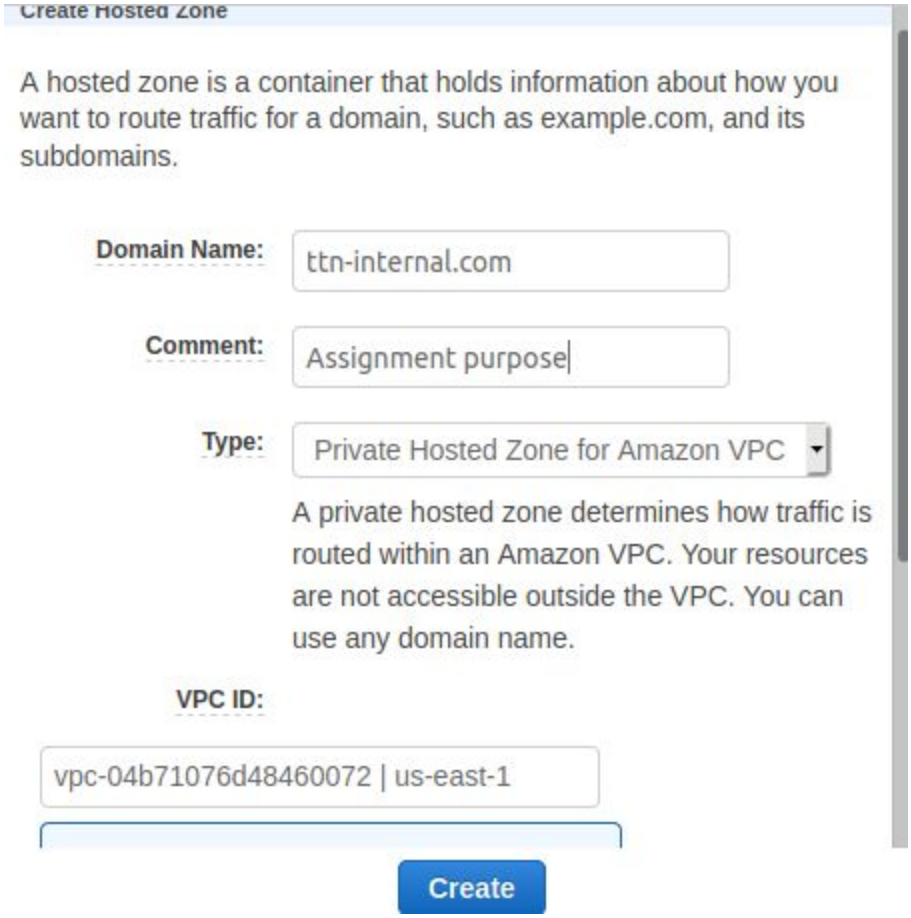
Go to VPC and enable DNS resolution and DNS hostnames



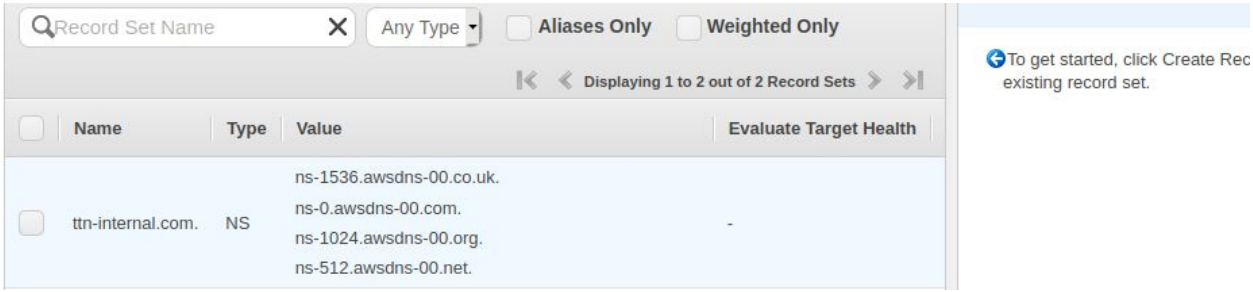




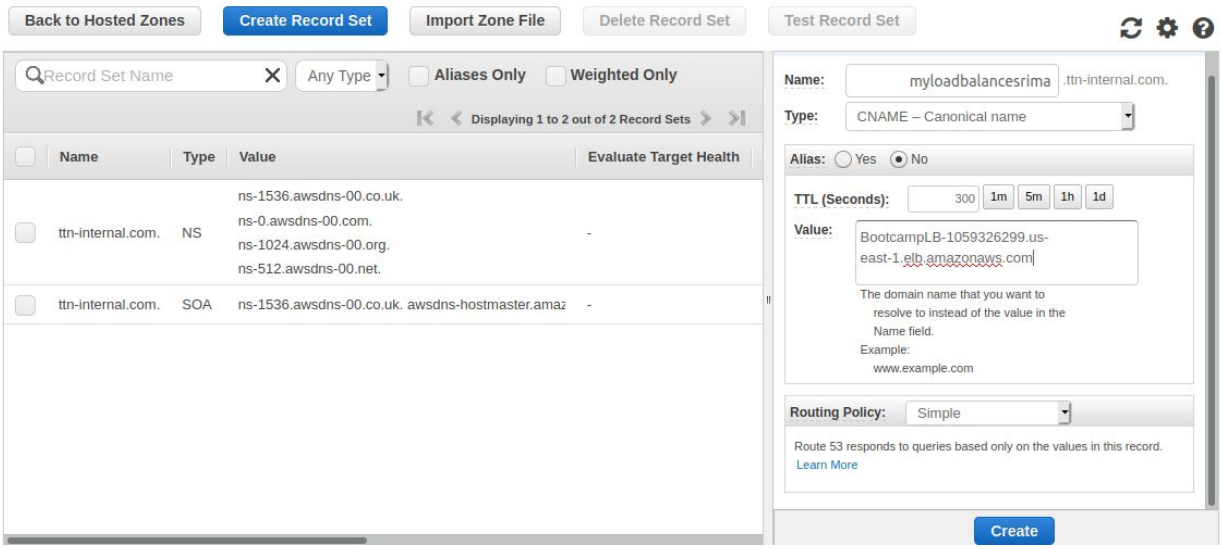
Go to route 53 Console and create a private hosted zone

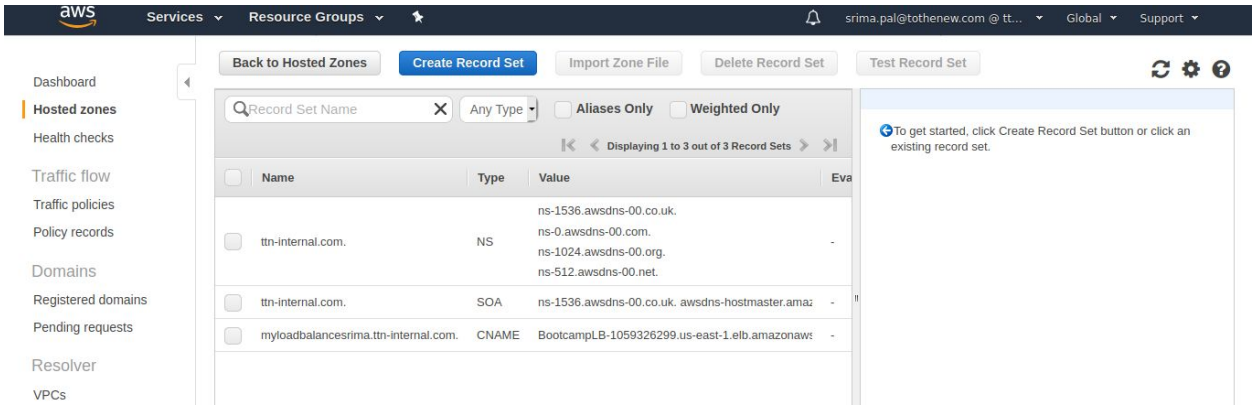


Private DNS Created



Create Cname record for your load balancer





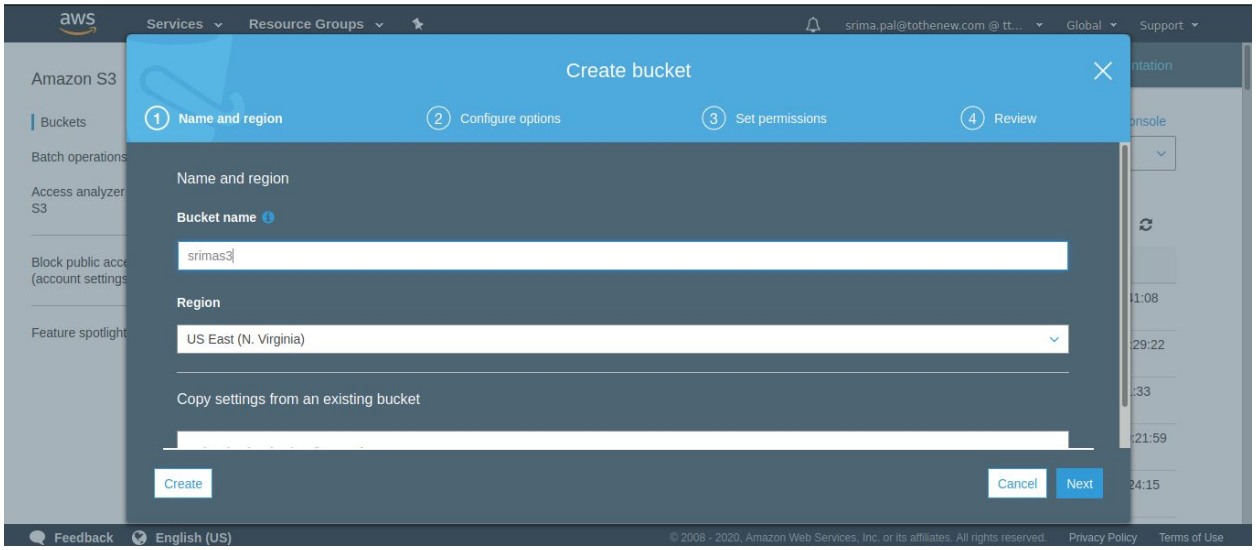
SSH into your instance attached to load balancer and run nslookup command for reverse lookup

```
ubuntu@ip-10-0-2-9:~$ sudo nslookup myloadbalancesrima.ttn-internal.com.
Server:         127.0.0.53
Address:        127.0.0.53#53

Non-authoritative answer:
myloadbalancesrima.ttn-internal.com     canonical name = bootcamplb-1059326299.us-east-1.elb.amazonaws.com.
Name:   bootcamplb-1059326299.us-east-1.elb.amazonaws.com
Address: 54.236.121.47
Name:   bootcamplb-1059326299.us-east-1.elb.amazonaws.com
```

2) Create a non-public S3 bucket and give appropriate permissions to a server to download objects from bucket but not to put or delete anything in it

Create a private bucket

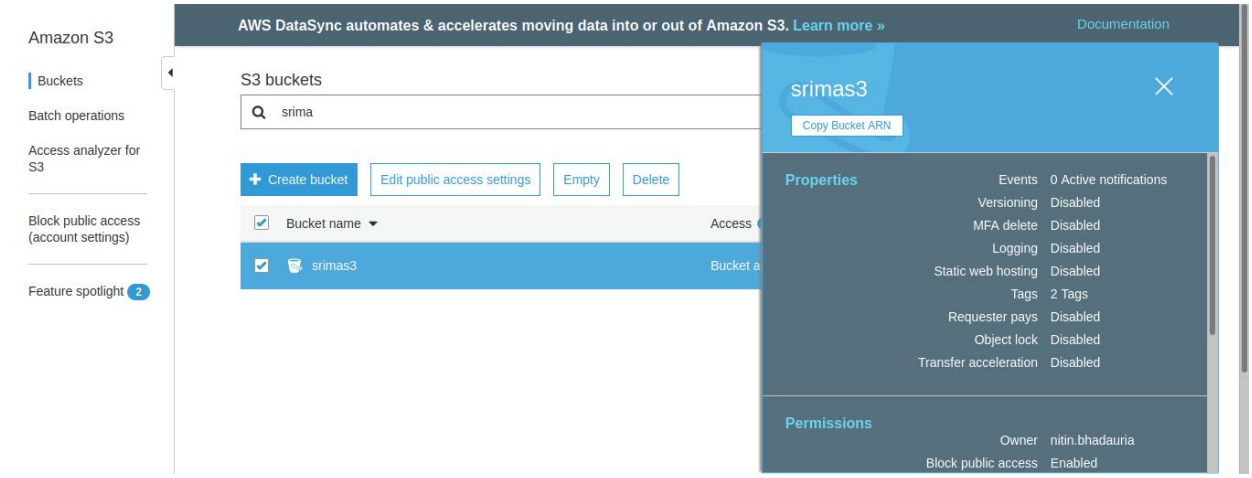


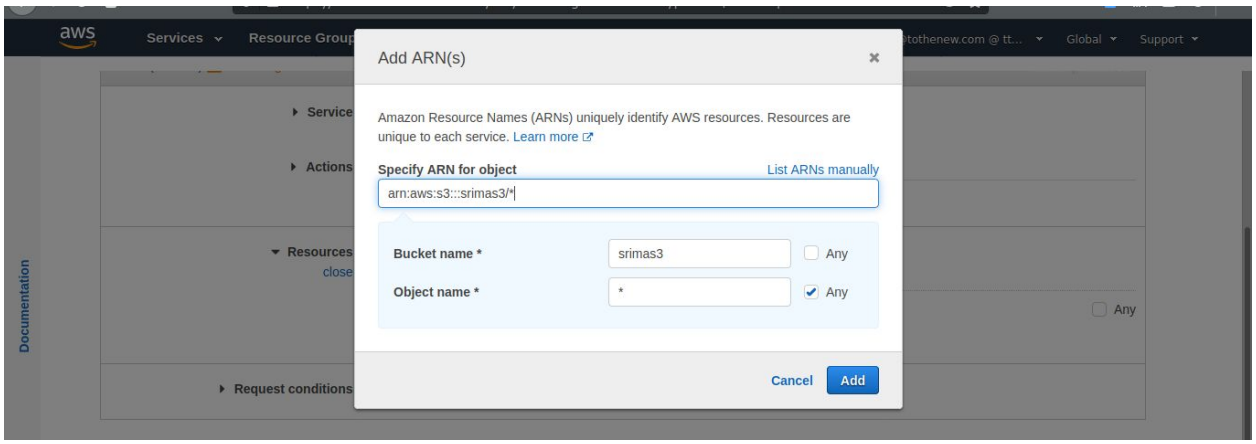
To make private bucket

G

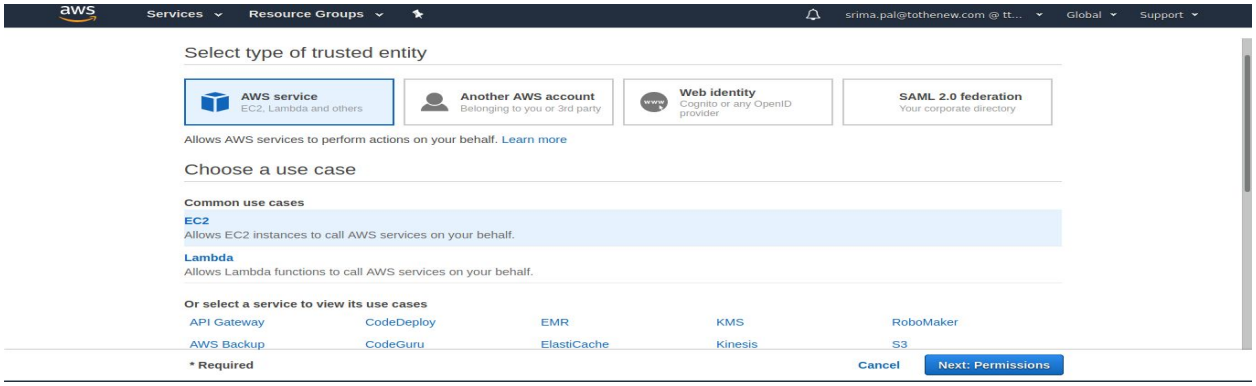
Go to IAM and make a policy, give getobject(download) permission

Copy bucket ARN

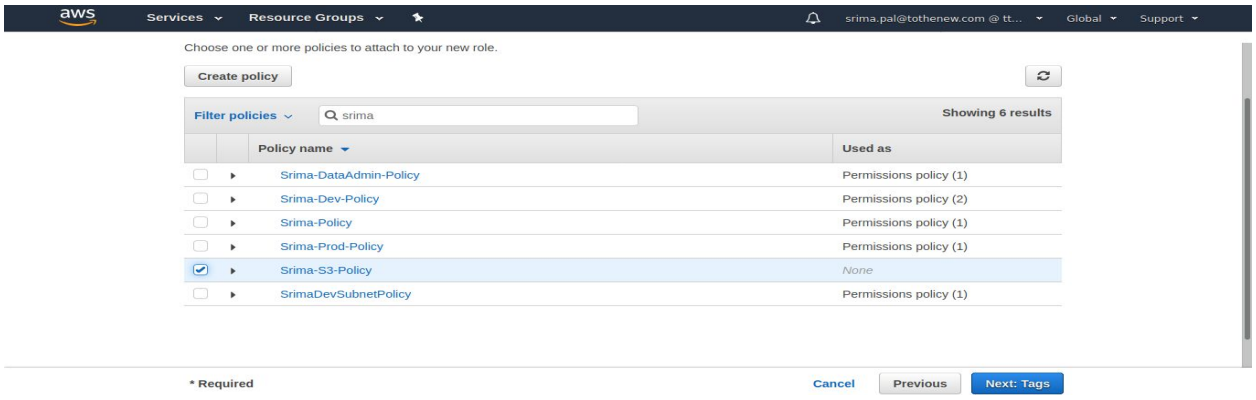




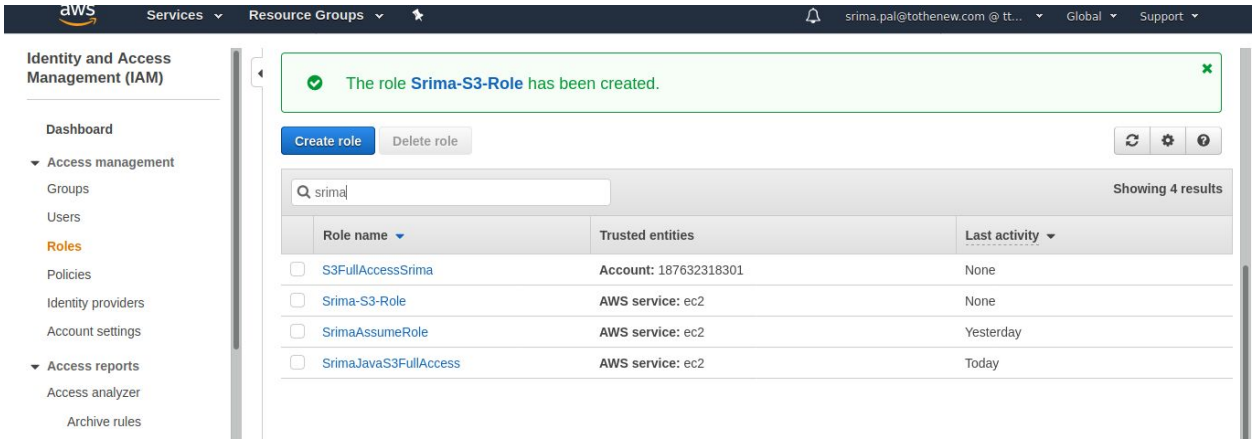
Create a role to attach to EC2 instance



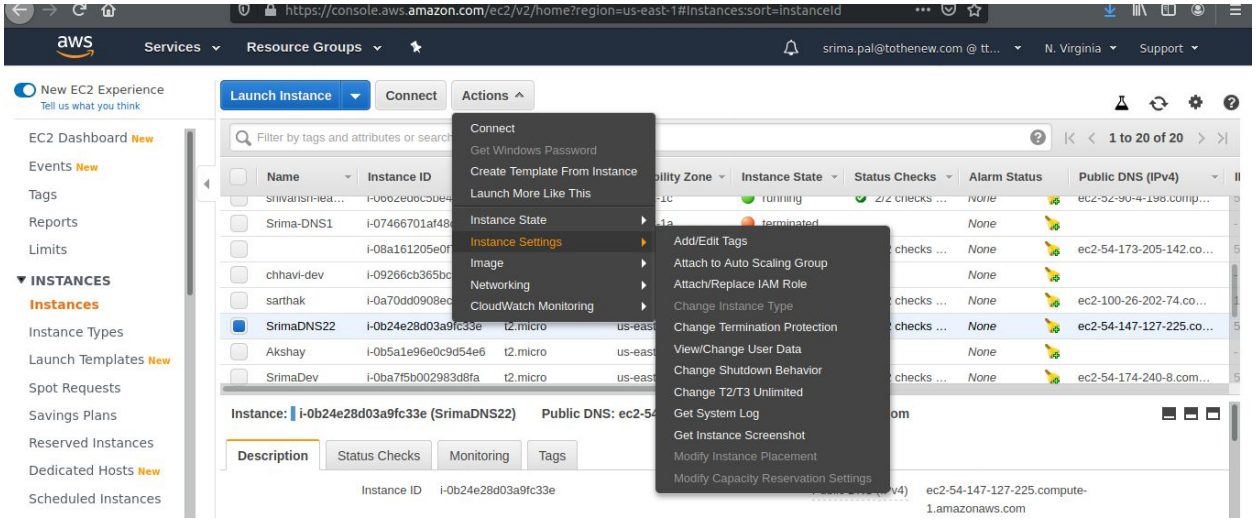
Attach the created policy

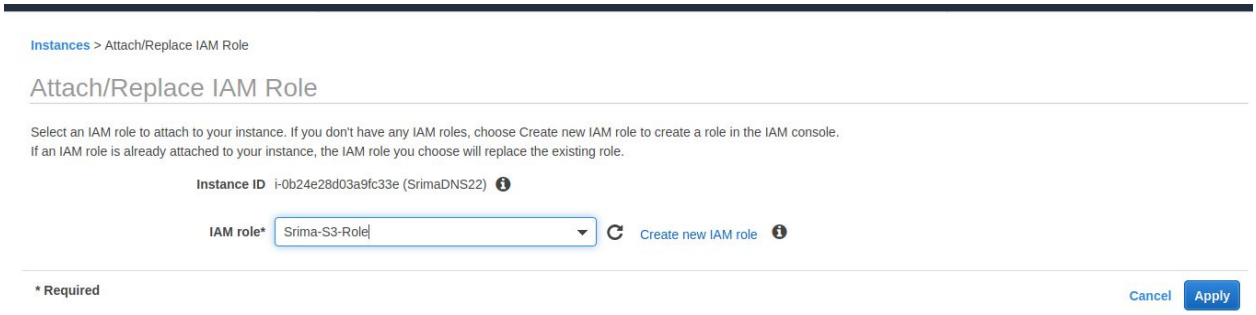


Create Role



Attach the role to instance





Try to list objects(Not allowed)

Upload content in bucket and run the command(used already created bucket)