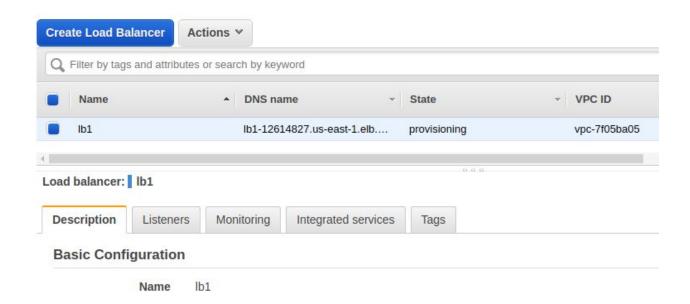
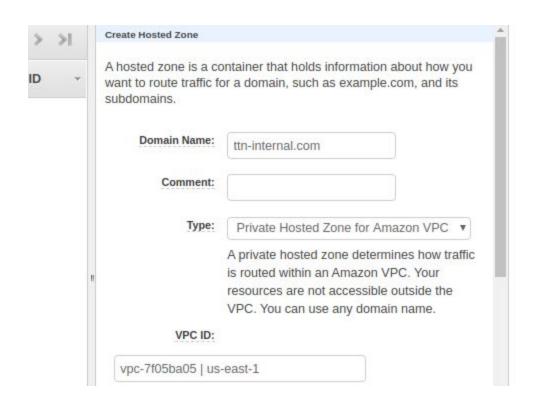
ASSESSMENT - 15

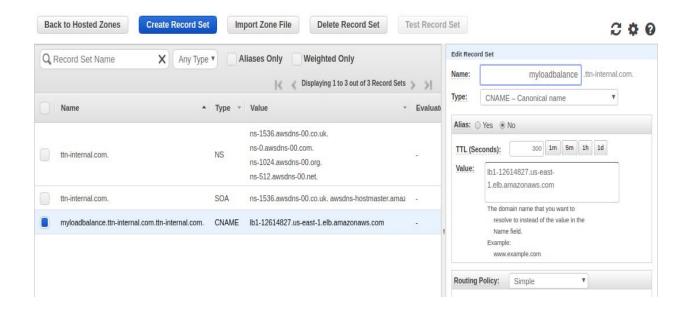
S3, Route 53 & DNS



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.







VPCs > Edit DNS resolution

Edit DNS resolution

VPC ID vpc-7f05ba05

DNS resolution enable

* Required

Edit DNS hostnames

VPC ID vpc-7f05ba05

DNS hostnames enable

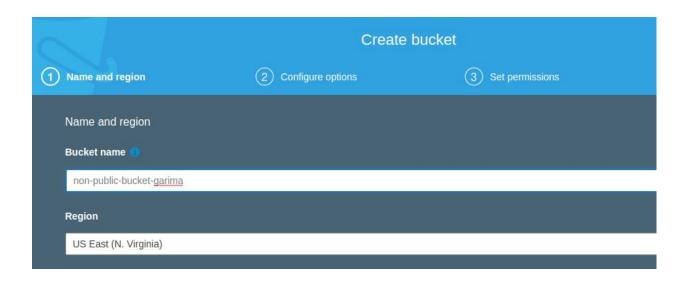
* Required

```
garima@garima:~/Downloads$ chmod 400 newawskeypair.pem
garima@garima:~/Downloads$
garima@garima:~/Downloads$ ssh -i "newawskeypair.pem" ubuntu@ec2-52-90-87-143.co
mpute-1.amazonaws.com
The authenticity of host 'ec2-52-90-87-143.compute-1.amazonaws.com (52.90.87.143
)' can't be established.
ECDSA key fingerprint is SHA256:5T22Msk/peuTLXN1DJRigjY0CHUqi9nZspsvdWsKhOg.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'ec2-52-90-87-143.compute-1.amazonaws.com,52.90.87.14
3' (ECDSA) to the list of known hosts.
```

```
ubuntu@ip-172-31-87-117:~$ nslookup myloadbalance.ttn-internal.com.
Server: 127.0.0.53
Address: 127.0.0.53#53

Non-authoritative answer:
myloadbalance.ttn-internal.com canonical name = lb1-12614827.us-east-1.elb.amaz onaws.com.
Name: lb1-12614827.us-east-1.elb.amazonaws.com
Address: 52.44.173.206
Name: lb1-12614827.us-east-1.elb.amazonaws.com
Address: 107.23.148.153
```

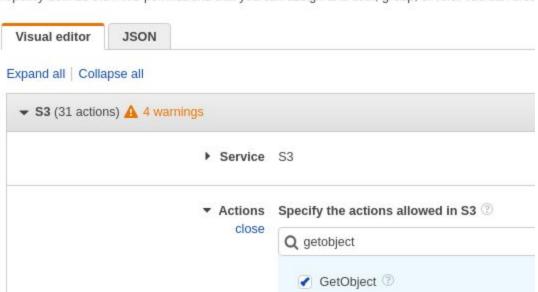
2) Create a non-public S3 bucket and give appropriate permissions to a server to download objects from the bucket but not to put or delete anything in it.





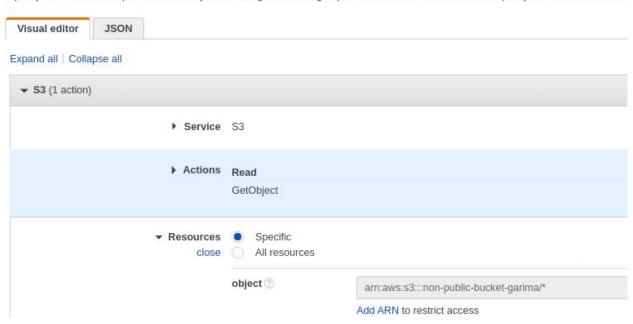
Create policy

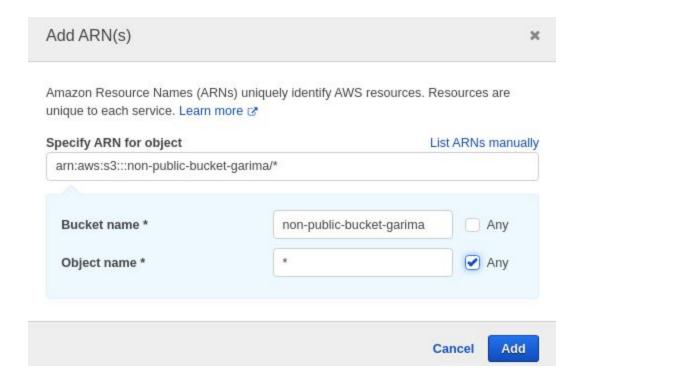
A policy defines the AWS permissions that you can assign to a user, group, or role. You can crea



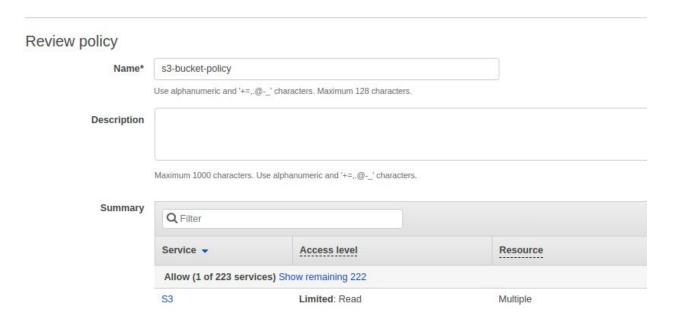
Edit s3-bucket-policy

A policy defines the AWS permissions that you can assign to a user, group, or role. You can create and edit a policy in the visual editor an

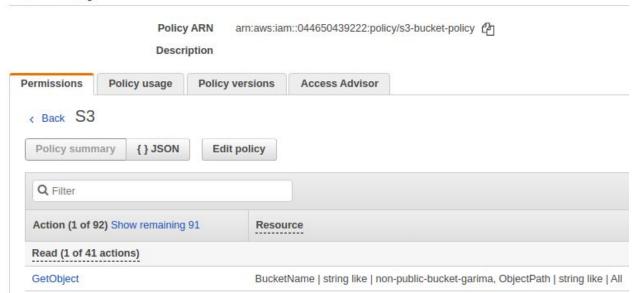


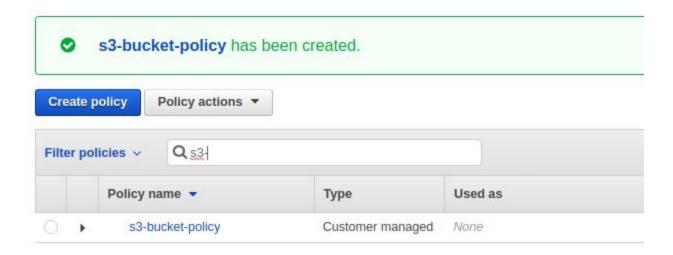


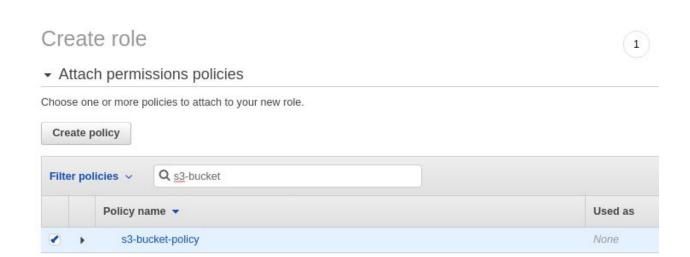
Create policy



Summary







Create role

Review

Provide the required information below and review this role before you create it.

Role name*

rol-for-s3

Use alphanumeric and '+=,.@-_' characters. Maximum 64 characters.

Role description

Allows EC2 instances to call AWS services on your behalf.

Maximum 1000 characters. Use alphanumeric and '+=,.@-_' characters.

Trusted entities

AWS service: ec2.amazonaws.com

Policies s3-bucket-policy



Permissions boundary Permissions boundary is not set

Instances > Attach/Replace IAM Role

Attach/Replace IAM Role

Select an IAM role to attach to your instance. If you don't have any IAM roles, choose Create new IAM role to create a role in the IAM consoling an IAM role is already attached to your instance, the IAM role you choose will replace the existing role.

