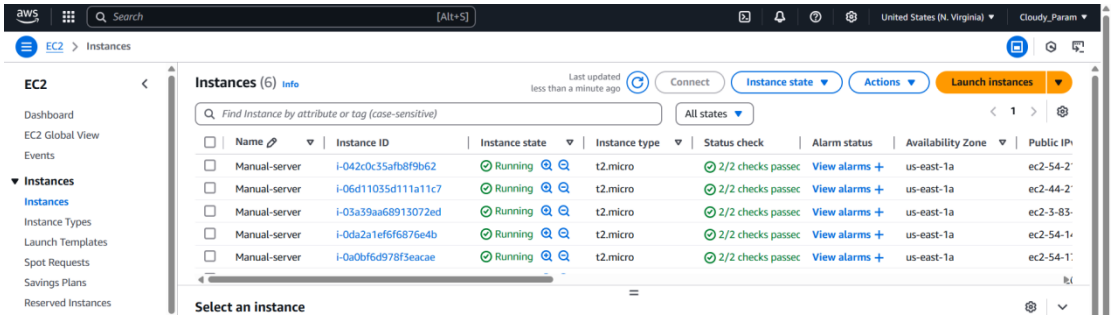
Import EC2 instance

Create 5 EC2 Instance manually



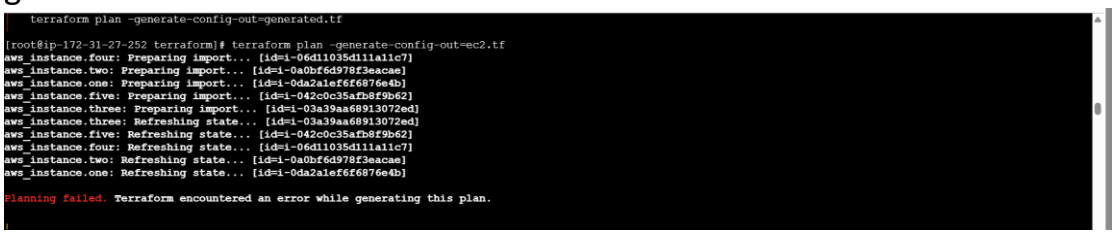
create new file use command and copy below code
replace name and id as per your instance name and id
command 1--> vim main.tf or give any name you want

```
import {
  to = aws_instance.one
  id = "i-0da2a1ef6f6876e4b"
}
import {
  to = aws_instance.two
  id = "i-0a0bf6d978f3eacae"
}
import {
  to = aws_instance.three
  id = "i-03a39aa68913072ed"
}
import {
  to = aws_instance.four
  id = "i-06d11035d111a11c7"
}
import {
  to = aws_instance.five
  id = "i-042c0c35afb8f9b62"
}
```

command 2--> cat main.tf
to check data save or not in file

now use below command to generate config file

command 3 --> terraform plan -generate-config-out=ec2.tf
get error but file is created

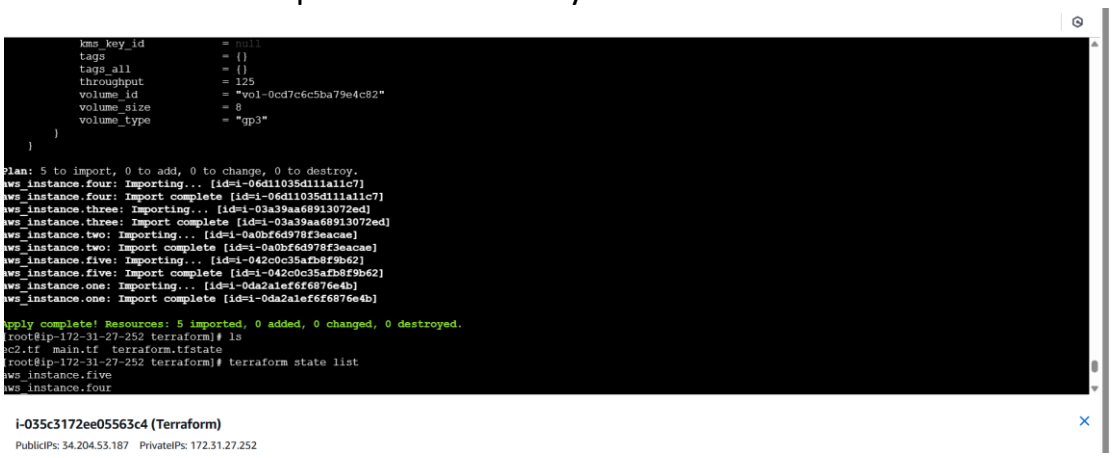


command 4 --> ls
to check all files in current folder

command 5 --> open ec2.tf file and remove ipv6 count and ipv6 address line
note: check all instance

command 6--> terraform apply

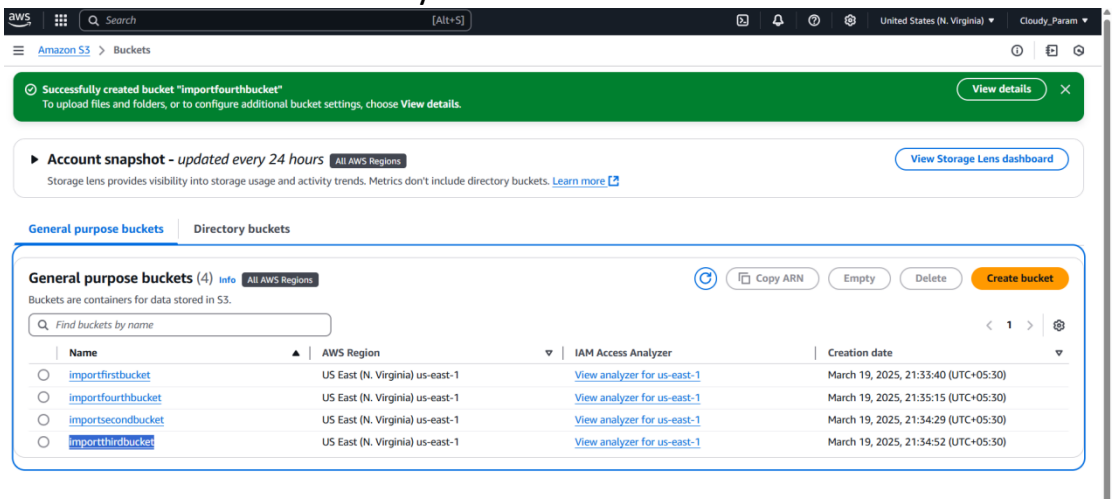
now all instance imported successfully



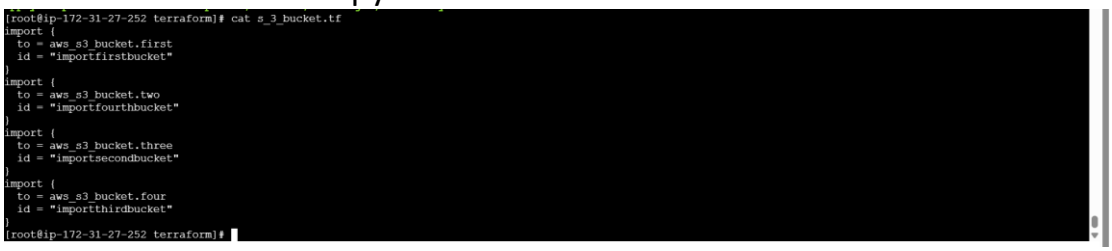
command 7 --> terraform state list
check state file

follow above step to create remaining resources

S3 bucket :
Create 4 s3 bucket manually

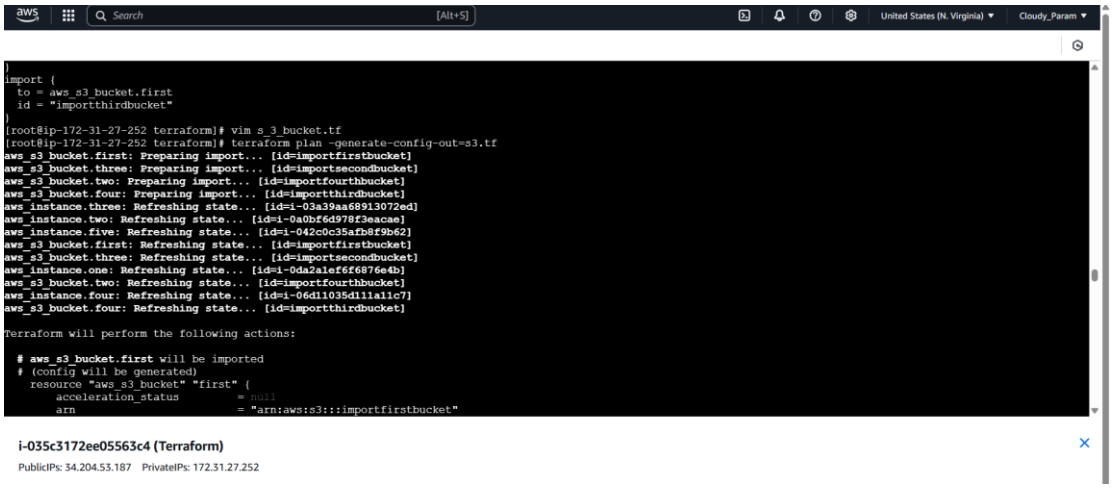


Create new file and copy below code

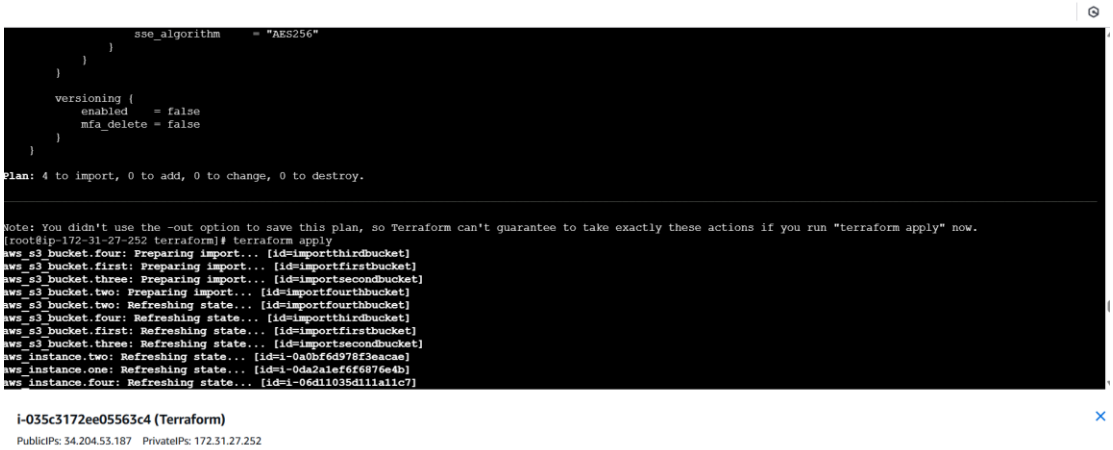



```
import {
  to = aws_s3_bucket.first
  id = "importfirstbucket"
}
import {
  to = aws_s3_bucket.two
  id = "importfourthbucket"
}
import {
  to = aws_s3_bucket.three
  id = "importsecondbucket"
}
import {
  to = aws_s3_bucket.four
  id = "importthirdbucket"
}
```

Generate config file



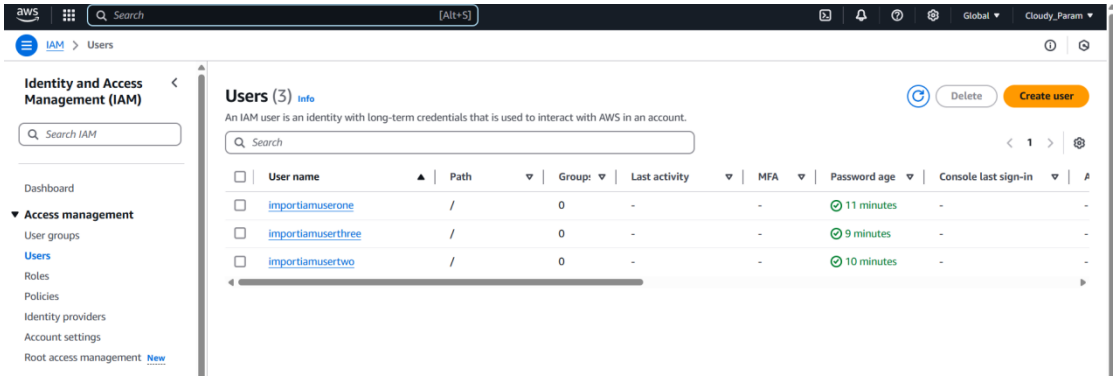
Now use apply command



Now check terraform state list

IAM USER:

Create 3 iam user manually



Again follow same step

Create file for iamuser.tf And copy below code


```
import {
  to = aws_iam_user.one
  id = "importiamuserone"
}

import {
  to = aws_iam_user.three
  id = "importiamuserthree"
}

import {
  to = aws_iam_user.two
  id = "importiamusertwo"
}
```

Generate config file

terraform plan -generate-config-out=iamusers.tf

```
[root@ip-172-31-27-252 terraform]# ls
ec2.tf  iamuser.tf  main.tf  s3.tf  s_3_bucket.tf  terraform.tfstate  terraform.tfstate.backup
[root@ip-172-31-27-252 terraform]# terraform plan -generate-config-out=iamusers.tf
aws_iam_user.one: Preparing import... [id=importiamuserone]
aws_iam_user.one: Refreshing state... [id=importiamuserone]
aws_s3_bucket.two: Refreshing state... [id=importfourthbucket]
aws_instance.two: Refreshing state... [id=i-0a0bf6d978f3eacae]
aws_instance.four: Refreshing state... [id=i-06d11035d111a11c7]
aws_s3_bucket.three: Refreshing state... [id=importsecondbucket]
aws_s3_bucket.four: Refreshing state... [id=importthirdbucket]
aws_instance.one: Refreshing state... [id=i-0da2a1ef6f6876e4b]
aws_instance.three: Refreshing state... [id=i-03a39aa68913072ed]
```

Use apply command
terraform apply

```
        unique_id             = "AIDA3LET5PQ6YBKSPJZ6Q"
    }

Plan: 3 to import, 0 to add, 0 to change, 0 to destroy.


Note: You didn't use the -out option to save this plan, so Terraform can't guarantee to take exactly these actions if you run "terraform apply" now.
[root@ip-172-31-27-252 terraform]# terraform apply
aws_iam_user.three: Preparing import... [id=importiamuserthree]
aws_iam_user.two: Preparing import... [id=importiamusertwo]
aws_iam_user.one: Preparing import... [id=importiamuserone]
aws_instance.two: Refreshing state... [id=i-0a0bf6d978f3eacae]
aws_iam_user.two: Refreshing state... [id=importiamusertwo]
aws_instance.three: Refreshing state... [id=i-03a39aa68913072ed]
aws_s3_bucket.first: Refreshing state... [id=importfirstbucket]
aws_iam_user.three: Refreshing state... [id=importiamuserthree]
aws_instance.five: Refreshing state... [id=i-042c0c35afb8f9b62]
aws_instance.four: Refreshing state... [id=i-06d11035d111a11c7]
aws_s3_bucket.two: Refreshing state... [id=importfourthbucket]
aws_iam_user.one: Refreshing state... [id=importiamuserone]
aws_instance.one: Refreshing state... [id=i-0da2a1ef6f6876e4b]
aws_s3_bucket.three: Refreshing state... [id=importsecondbucket]
aws_s3_bucket.four: Refreshing state... [id=importthirdbucket]

Terraform will perform the following actions:

  # aws_iam_user.one will be imported
```

check state list
terraform state list

```
Apply complete! Resources: 3 imported, 0 added, 0 changed, 0 destroyed.
[root@ip-172-31-27-252 terraform]# terraform state list
aws_iam_user.one
aws_iam_user.three
aws_iam_user.two
aws_instance.five
aws_instance.four
aws_instance.one
aws_instance.three
aws_instance.two
aws_s3_bucket.first
aws_s3_bucket.four
aws_s3_bucket.three
aws_s3_bucket.two
```