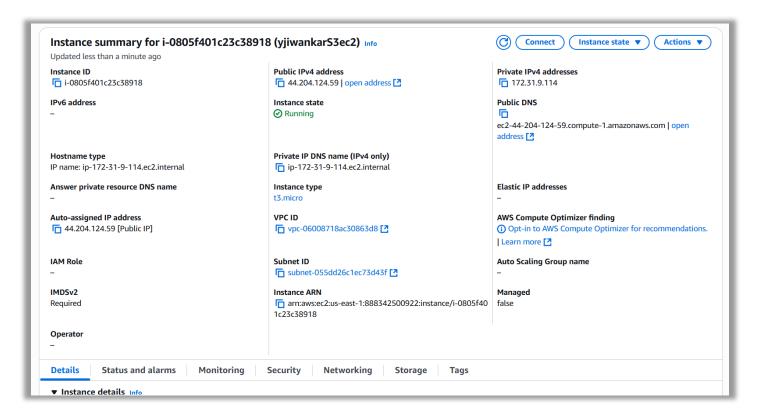
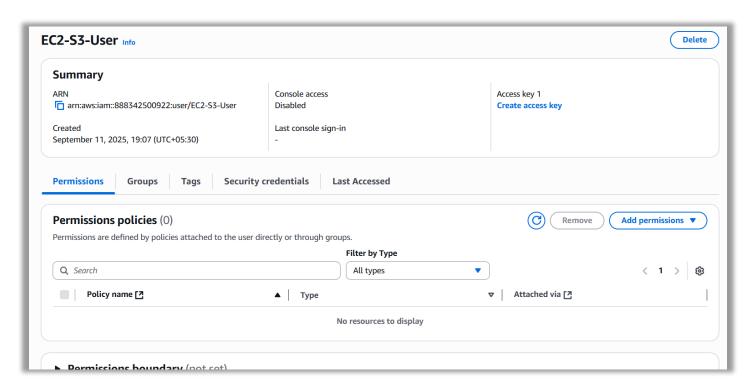
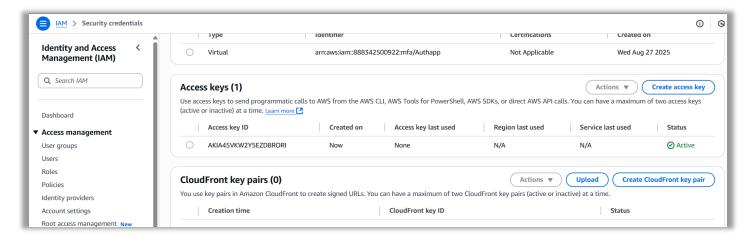
Create one server:



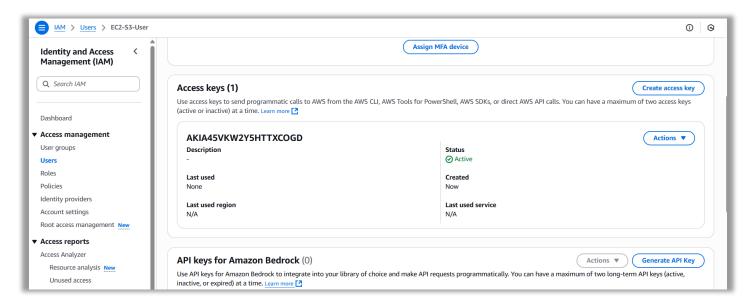
Create one user



Configure Root Keys



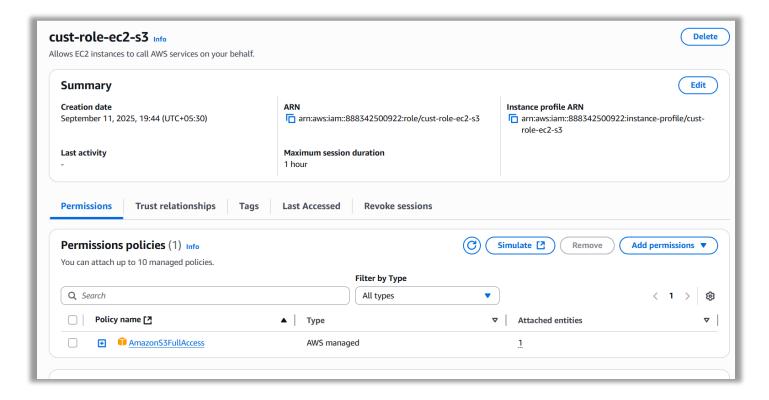
Configure IAM User Keys;



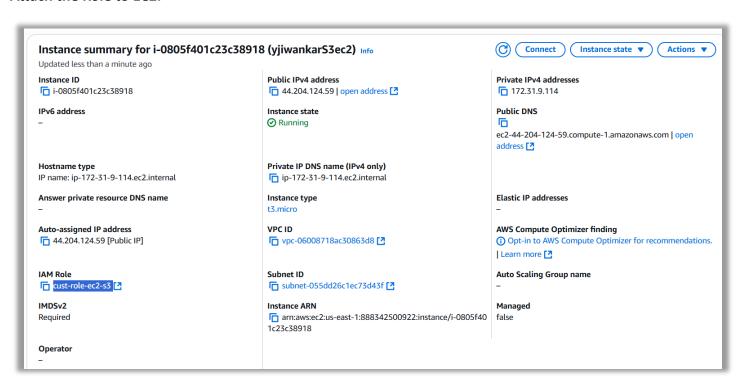
Check the access for root user and IAM user:

```
[ec2-user@ip-172-31-9-114 ~]$ aws
                                    --version
aws-cli/2.27.57 Python/3.9.23 Linux/6.1.148-173.267.amzn2023.x86_64 source/x86_64.amzn.2023
[ec2-user@ip-172-31-9-114 ~]$ aws configure --profile rootuser
AWS Access Key ID [None]: AKIA45VKW2Y5EZDBRORI
AWS Secret Access Key [None]: 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
Default region name [None]: us-east-1
Default output format [None]: json
[ec2-user@ip-172-31-9-114 ~]$ ls
[ec2-user@ip-172-31-9-114 ~]$ aws sts get-caller-identity --profile rootuser
    "UserId": "888342500922",
"Account": "888342500922",
    "Arn": "arn:aws:iam::888342500922:root"
[ec2-user@ip-172-31-9-114 ~]$ aws configure --profile iamuser
AWS Access Key ID [None]: AKIA45VKW2Y5HTTXCOGD
AWS Secret Access Key [None]: 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
Default region name [None]: us-east-1
Default output format [None]: json
[ec2-user@ip-172-31-9-114 ~]$ aws sts get-caller-identity --profile iamuser
    "UserId": "AIDA45VKW2Y5HIZQPUU2I",
    "Account": "888342500922",
    "Arn": "arn:aws:iam::888342500922:user/EC2-S3-User"
[ec2-user@ip-172-31-9-114 ~]$
```

Created S3 Full Access Role to EC2:



Attach the Role to EC2:



Check the access

```
"Arn": "arn:aws:iam::888342500922:root"
[ec2-user@ip-172-31-9-114 ~]$ aws configure --profile iamuser
AWS Access Key ID [None]: AKIA45VKW2Y5HTTXCOGD
AWS Secret Access Key [None]: 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
Default region name [None]: us-east-1
Default output format [None]: json
[ec2-user@ip-172-31-9-114 ~]$ aws sts get-caller-identity --profile iamuser
    "UserId": "AIDA45VKW2Y5HIZQPUU2I",
    "Account": "888342500922",
    "Arn": "arn:aws:iam::888342500922:user/EC2-S3-User"
[ec2-user@ip-172-31-9-114 ~]$ aws s3 ls
[ec2-user@ip-172-31-9-114 ~]$ cd .aws
[ec2-user@ip-172-31-9-114 .aws]$ ls
config credentials
[ec2-user@ip-172-31-9-114 .aws]$ rm -rf *
[ec2-user@ip-172-31-9-114 .aws]$ cd ..
[ec2-user@ip-172-31-9-114 ~]$ ls
[ec2-user@ip-172-31-9-114 ~]$ aws configure --profile iamuser
AWS Access Key ID [None]: ^C
[ec2-user@ip-172-31-9-114 ~]$ aws configure --profile iamuser
AWS Access Key ID [None]: AKIA45VKW2Y5HTTXCOGD
AWS Secret Access Key [None]: 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
Default region name [None]: us-east-1
Default output format [None]: json
[ec2-user@ip-172-31-9-114 ~]$ aws sts get-caller-identity
    "UserId": "AROA45VKW2Y5BNJJILMSJ:i-0805f401c23c38918",
    "Account": "888342500922",
    "Arn": "arn:aws:sts::888342500922:assumed-role/cust-role-ec2-s3/i-0805f401c23c38918"
[ec2-user@ip-172-31-9-114 ~]$
  i-0805f401c23c38918 (viiwankarS3ec2)
```

Removed the IAM user