Output:

Step1: Created 5 S3 Buckets.
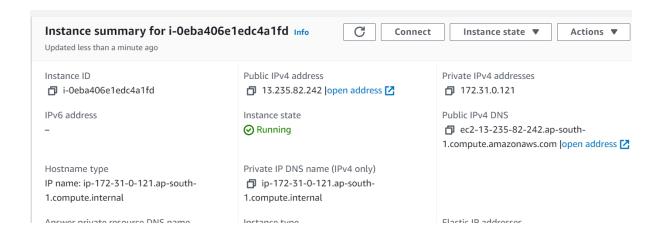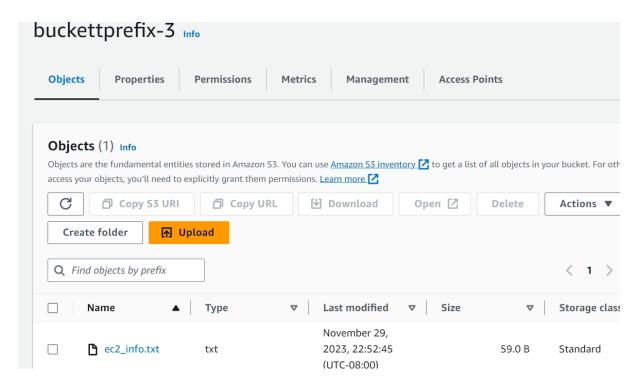


Step2: Created iam role and instance profile

Step3: Created a Ec2 Instance attach iam role and run User data to upload Ec2 info in s3.

```
PS C:\Users\7350190\Desktop\S3withEc2> & C:/
esktop/S3withEc2/ec2.py
EC2 Instance ID: i-0eba406e1edc4a1fd
PS C:\Users\7350190\Desktop\S3withEc2>
```

## Instance summary for i-0eba406e1edc4a1fd Info

Updated less than a minute ago

[ C ] [ Connect ] [ Instance state ▼ ] [ Actions ▼ ]

| | | |
|---|---|---|
| Instance ID | Public IPv4 address | Private IPv4 addresses |
| 🗗 i-0eba406e1edc4a1fd | 🗗 13.235.82.242 \|open address ↗ | 🗗 172.31.0.121 |
| IPv6 address | Instance state | Public IPv4 DNS |
| – | ⊘ Running | 🗗 ec2-13-235-82-242.ap-south-1.compute.amazonaws.com \|open address ↗ |
| Hostname type | Private IP DNS name (IPv4 only) | |
| IP name: ip-172-31-0-121.ap-south-1.compute.internal | 🗗 ip-172-31-0-121.ap-south-1.compute.internal | |

Answer private resource DNS name              Instance type              Elastic IP addresses

## buckettprefix-3 Info

| **Objects** | Properties | Permissions | Metrics | Management | Access Points |
|---|---|---|---|---|---|

### Objects (1) Info

Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory ↗ to get a list of all objects in your bucket. For oth access your objects, you'll need to explicitly grant them permissions. Learn more ↗

[ C ] [ 🗗 Copy S3 URI ] [ 🗗 Copy URL ] [ ⤓ Download ] [ Open ↗ ] [ Delete ] [ Actions ▼ ]

[ Create folder ] [ ⤴ Upload ]

🔍 Find objects by prefix                                                    ‹ 1 ›

| ☐ | Name ▲ | Type ▽ | Last modified ▽ | Size ▽ | Storage class |
|---|---|---|---|---|---|
| ☐ | 📄 ec2_info.txt | txt | November 29, 2023, 22:52:45 (UTC-08:00) | 59.0 B | Standard |

ec2_info (1) - Notepad

File  Edit  Format  View  Help

Private IP Address: 172.31.0.121
Hostname: ip-172-31-0-121