ACCESS S3 OBJECTS FROM EC2 INSTANCE

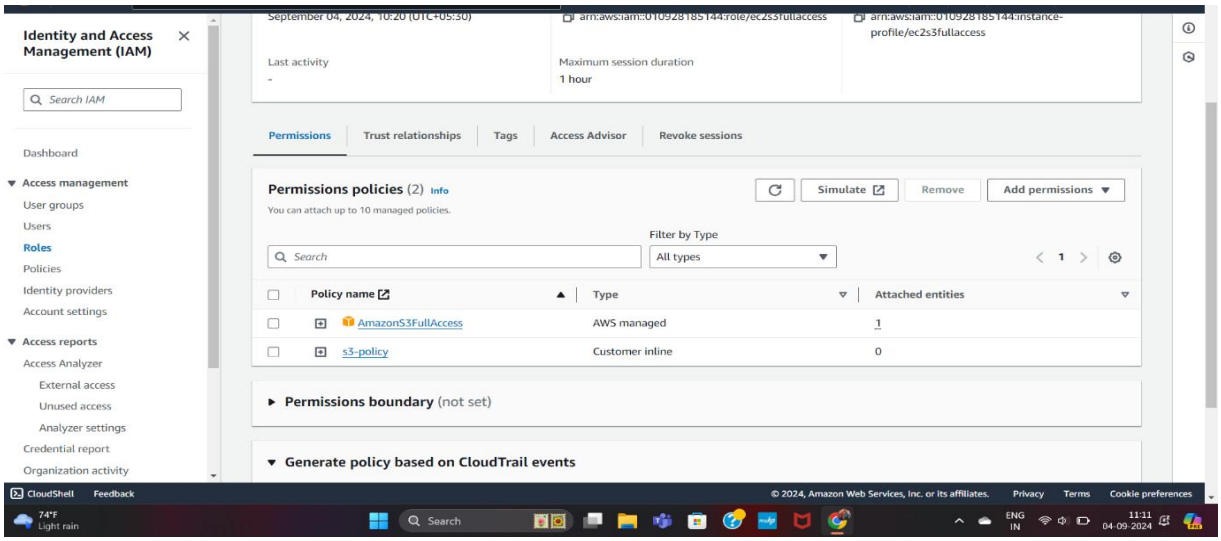
➢ Create an IAM instance profile that grants access to Amazon S3

Complete the following steps:

- Open the **AWS Identity and Access Management (IAM)** console.
- In the navigation pane, under **Access management**, choose **Roles**.
- Choose Create role.
- Under Trusted entity type, choose **AWS service**, and then choose **EC2**.
- Choose Next.
- Create a **custom policy** that provides the minimum required permissions to access your **S3 bucket**.

Note: It's a security best practice to create a policy with the minimum required permissions. However, to allow EC2 access to all your S3 buckets, use the **AmazonS3ReadOnlyAccess** or **AmazonS3FullAccess** managed IAM policy.

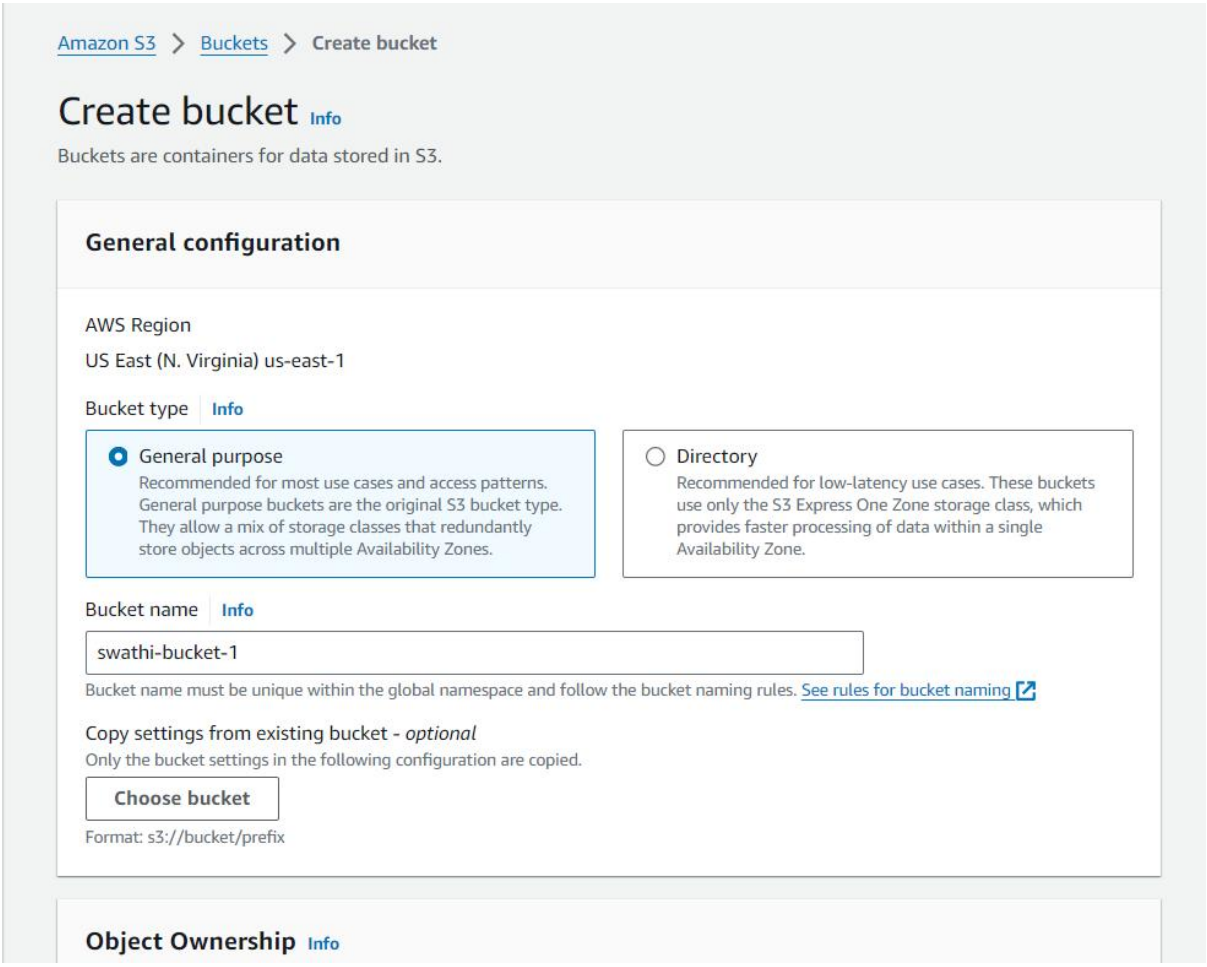
- Choose Next.
- Enter a role name, and then choose Create role.

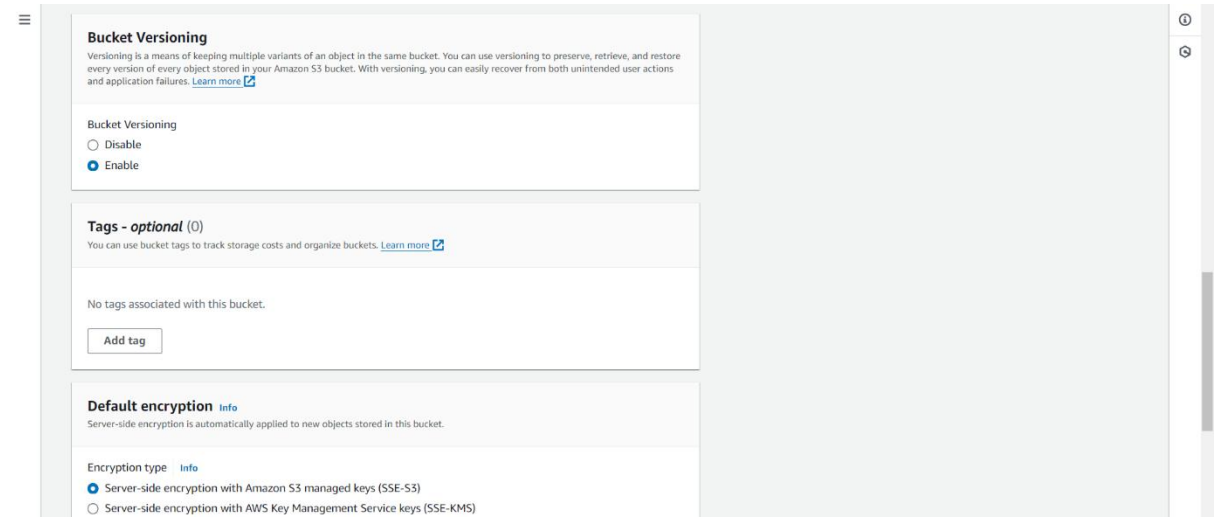


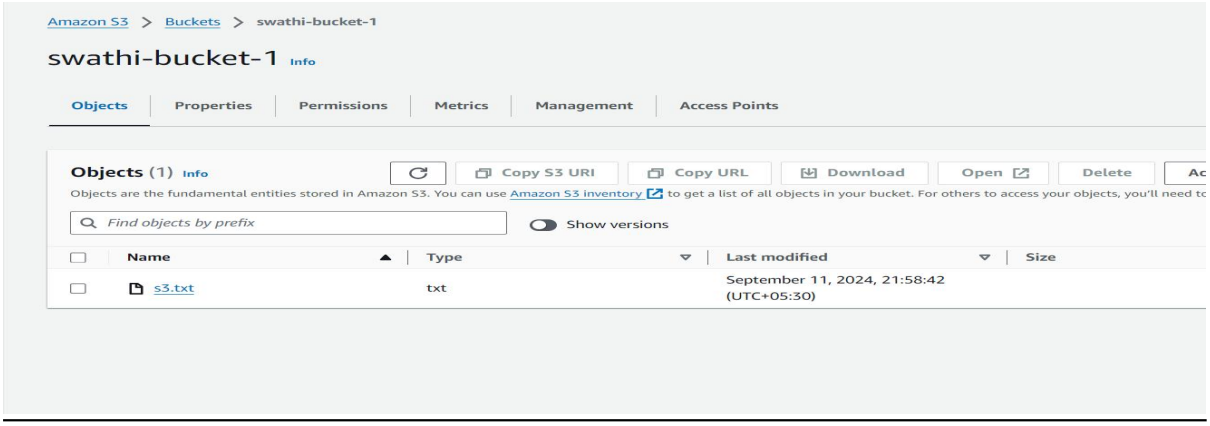
➢ CREATE AMAZON S3 BUCKET

Complete the following steps:

- Open the **Amazon S3**
- Go to the buckets – click on **create bucket**
- **Enabling VERSIONING** is mandatory – create bucket
- After the creation of bucket – click on it – click on upload – add files- upload the files -
close



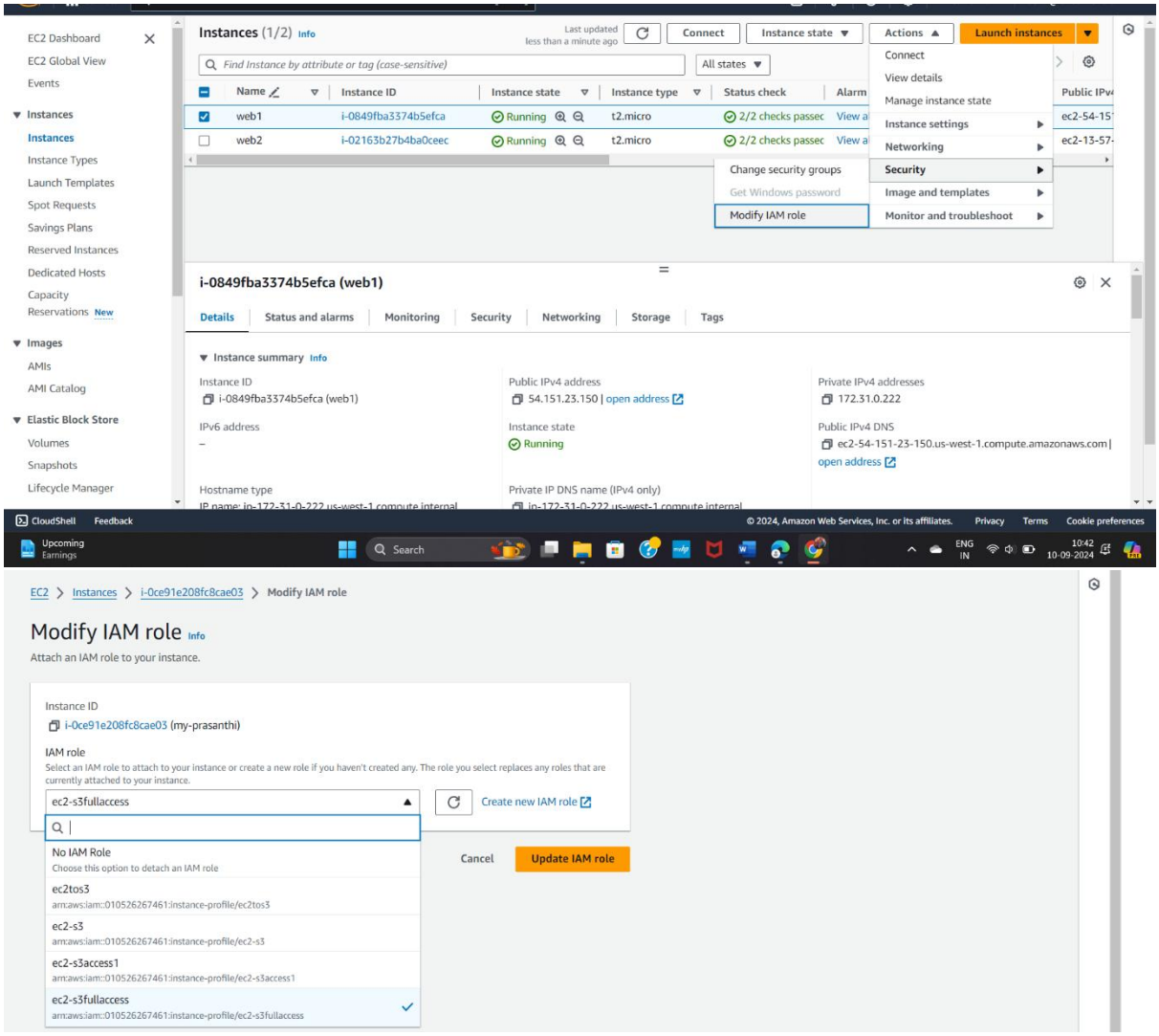




➢ CREATE EC2 INSTANCE & Attach the IAM ROLE TO THE EC2 INSTANCE

Complete the following steps:

- Open the **Amazon EC2** console.
- In the navigation pane, choose **Instances**.
- Select the instance that you want to **attach the IAM role** to.
- Choose the Actions tab, and then choose Security.
- Choose Modify **IAM role**.
- Select the IAM role, and then choose Save. The IAM role is assigned to your EC2 instance



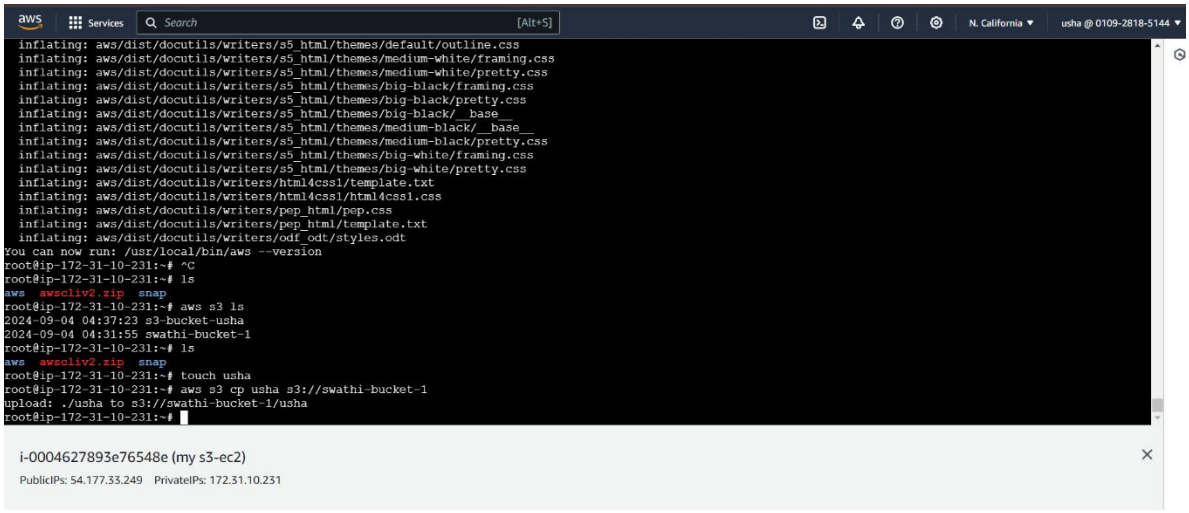
➢ VERIFY ACCESS TO THE S3 BUCKET

Complete the following steps:

Note: If you receive errors when you run AWS Command Line Interface (AWS CLI) commands, then see Troubleshoot AWS CLI errors. Also, make sure that you're using the most recent AWS CLI version.

- Install the **AWS CLI** on your EC2 instance.
- Run the following command to verify access to your S3 buckets:

Aws s3 ls s3://DOC-EXAMPLE-BUCKET



-----SUCCESSFULLY ACCESSED S3 OBJECTS FROM EC2 INSTANCE-----