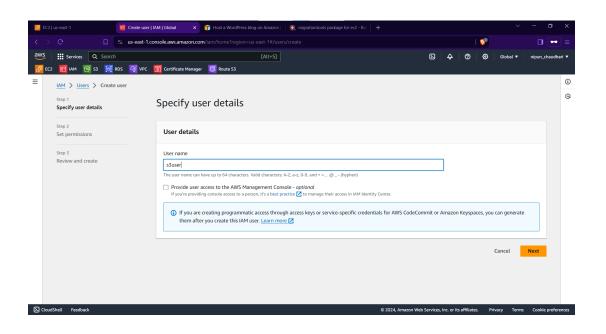
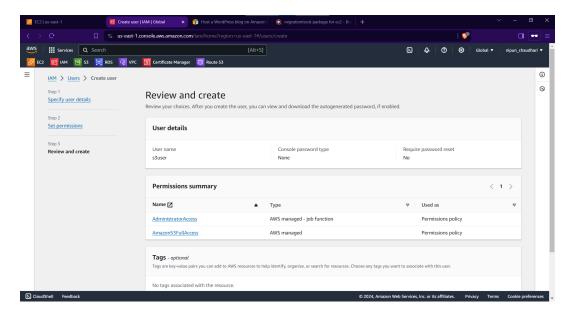
Local Machine to S3 Bucket Data Migration

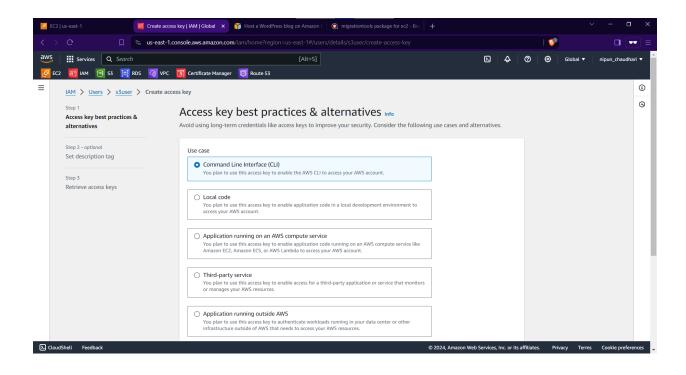
Step 1 : Create an IAM user.

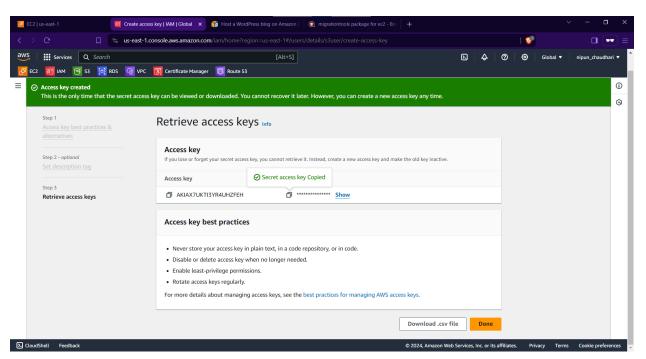
First step is to create an IAM user with S3FullAccess policy and programmatic access.





Create an access key for the user, we will use this key to get access to an AWS account.





Step 2: Get the access of an AWS account of your local machine.

To get the programmatic access of an AWS account, we need to install awscli client on our local system using following command.

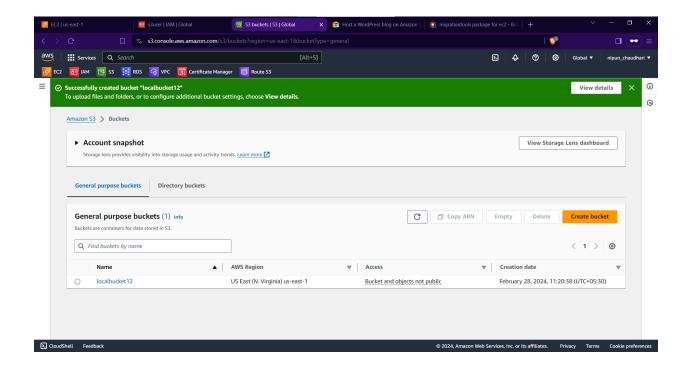
apt-get install awscli



Step 3: Create a S3 bucket

In order to migrate data from a local machine to S3 bucket, we need to create a S3 bucket. This can be done through AWS S3 service console.

To create S3 bucket, we specify the bucket name and the region where we want to create that bucket.



Step 4: Move data from local machine to S3 bucket.

Final step is to move the data into S3 bucket. To do this, first log-in into the AWS account using the Access key and Secret key we created for our IAM user.

Use following command to get the access of an AWS account.

aws configure

It will prompt for access key and secret key, provide required credentials to log-in into the account. Select the region and output format as per your requirement.

```
File Actions Edit View Help

(root@kali)-[~]

If aws configure

AWS Access Key ID [None]: AKIAX7UKTI3YR4UHZFEH

AWS Secret Access Key [None]: t7afUWlhKm3sCk6YNWsPUaf9k8jJnFRSFHl+eia9

Default region name [None]:

Default output format [None]: json

(root@kali)-[~]
```

Create a folder and create a file in that folder. Next we navigate to the folder we created. We have a file in this folder to upload this file to S3 bucket use following command.

aws s3 sync . s3://bucketname

Replace the **bucketname** with your own bucket name.

```
File Actions Edit View Help

(root@kali)-[~/upload]

" cd file2.txt

cd: no such file or directory: file2.txt

(root@kali)-[~/upload]

" touch file2.txt

(root@kali)-[~/upload]

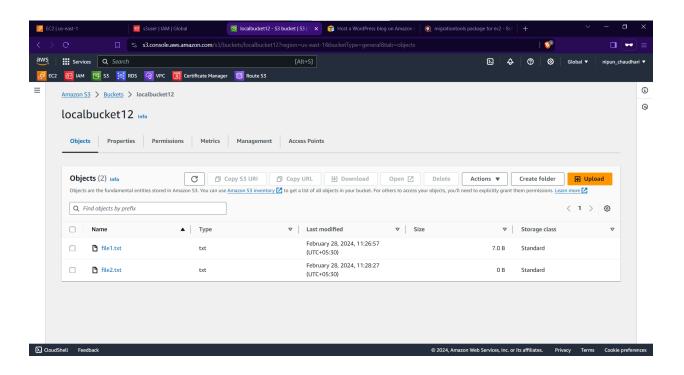
" aws s3 sync . s3://localbucket12

upload: ./file2.txt to s3://localbucket12/file2.txt

(root@kali)-[~/upload]

" aws s3 sync . s3://localbucket12/file2.txt
```

Check whether the files are uploaded into the bucket or not.



Here the uploading is done successfully.