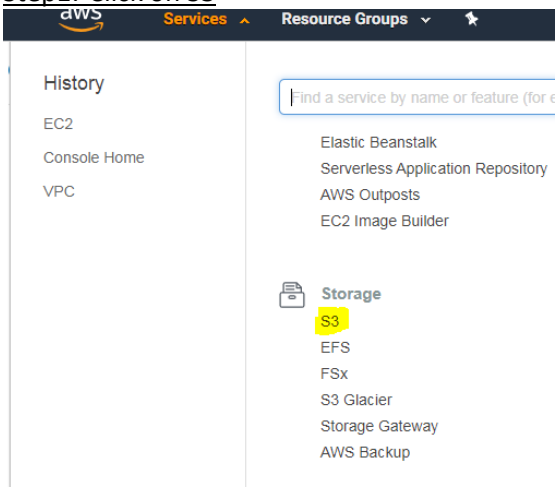
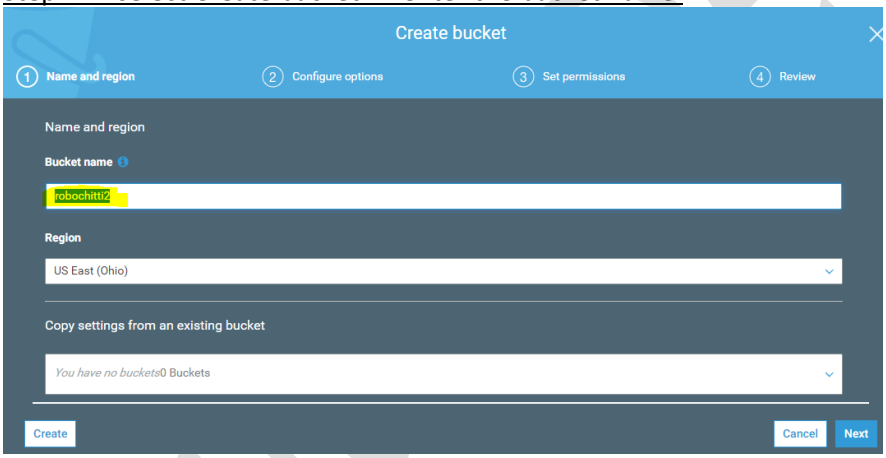
AWS-S3 bucket

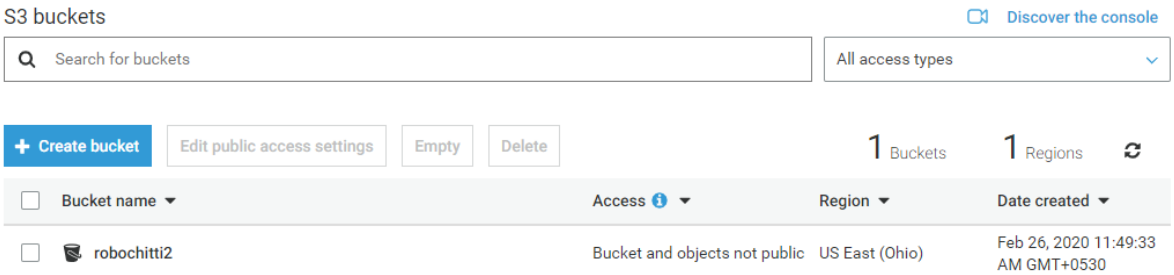
https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/AmazonS3.html

Step1:-Click on S3



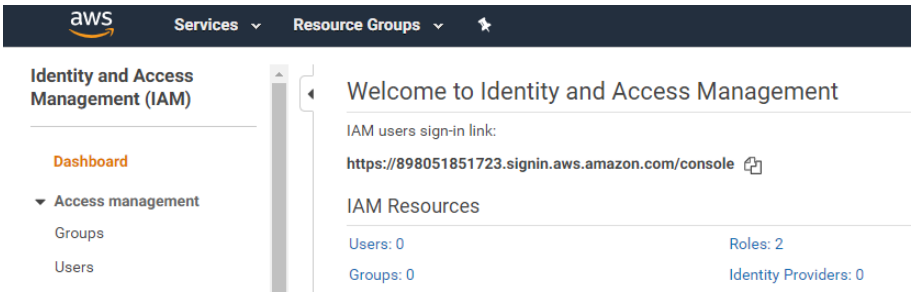
Step1.1:- select Create bucket → enter the bucket name.

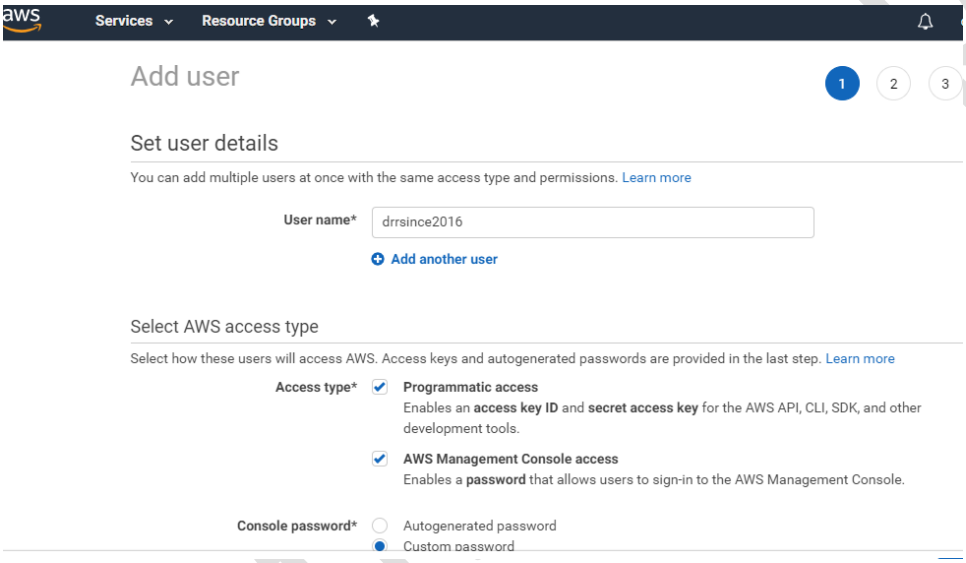


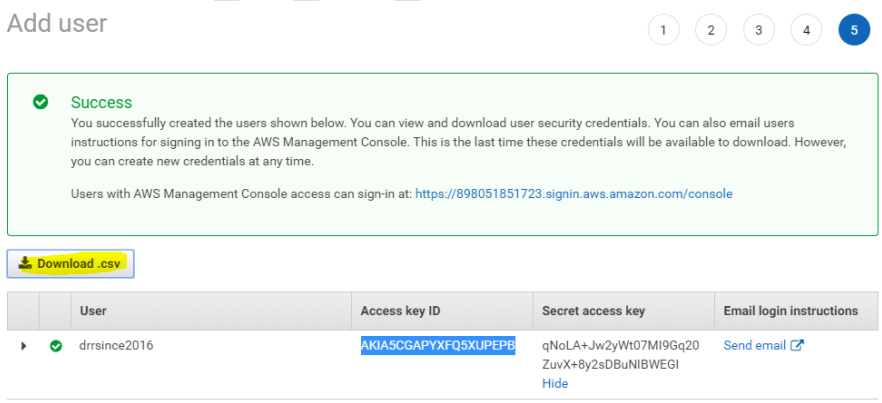


Step2:-Add user in IAM and create secret access key for accessing s3 bucket.

@Click on users → select Add users → then select below options → click next select (Use a permissions boundary to control the maximum user permissions) → select AdministratorAccess

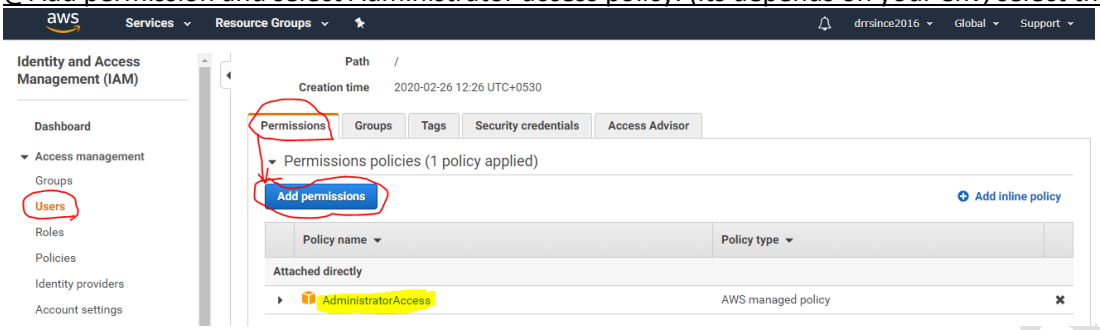






Note:- download the generated key, which is in .csv format.

@Add permission and select Administrator access policy. (its depends on your env, select the policy)



Step3:- go to the instance and configure the secret key and then copy the data to S3 bucket.

#yum install awscli*

#aws configure

```
[root@ip-172-31-14-3 ~]# aws configure
AWS Access Key ID [None]: XXXXXXXXX
AWS Secret Access Key [None]: XXXXXXXX
Default region name [None]: us-east-2
Default output format [None]: json
[root@ip-172-31-14-3 ~]#
```

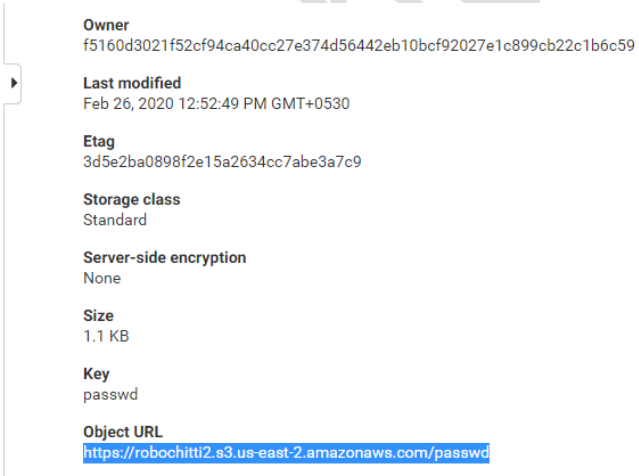
Note:- enter your own keys and region.

#aws s3 mb s3://robochitti2

#aws s3 cp /etc/passwd s3://robochitti2

```
[root@ip-172-31-14-3 home]# aws s3 cp /etc/passwd s3://robochitti2
upload: ../etc/passwd to s3://robochitti2/passwd
[root@ip-172-31-14-3 home]#
```

https://robochitti2.s3.us-east-2.amazonaws.com/passwd



Note:- you can access the file from outside web also you can access via cli without mounting on OS.

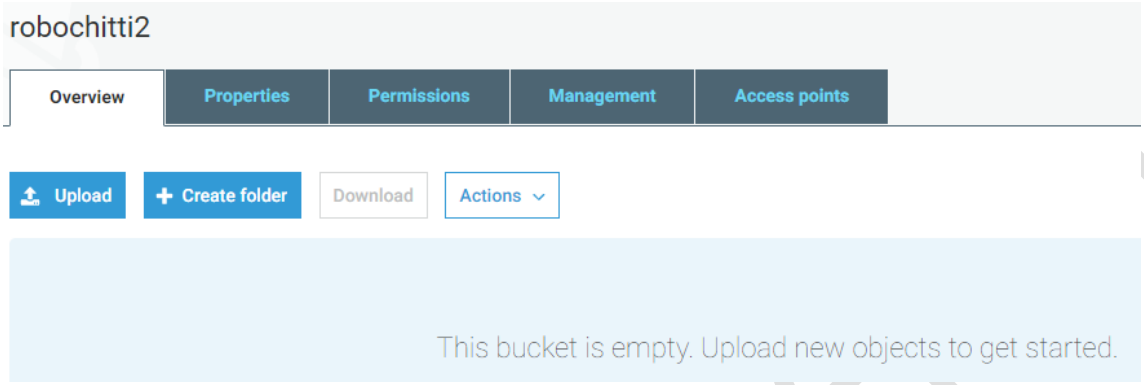
aws s3 ls s3://robochitti2

```
[root@ip-172-31-14-3 ~]# aws s3 ls s3://robochitti2
2020-02-26 07:22:49       1087 passwd
[root@ip-172-31-14-3 ~]#
```

@To delete the file in S3.

#aws s3 rm s3://robochitti2/passwd

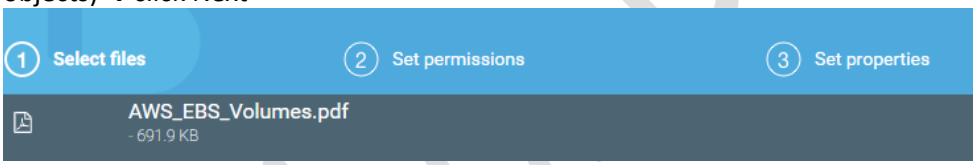
```
[root@ip-172-31-14-3 ~]# aws s3 ls s3://robochitti2
2020-02-26 07:22:49       1087 passwd
[root@ip-172-31-14-3 ~]# aws s3 rm s3://robochitti2/passwd
delete: s3://robochitti2/passwd
[root@ip-172-31-14-3 ~]# aws s3 ls s3://robochitti2
[root@ip-172-31-14-3 ~]#
```

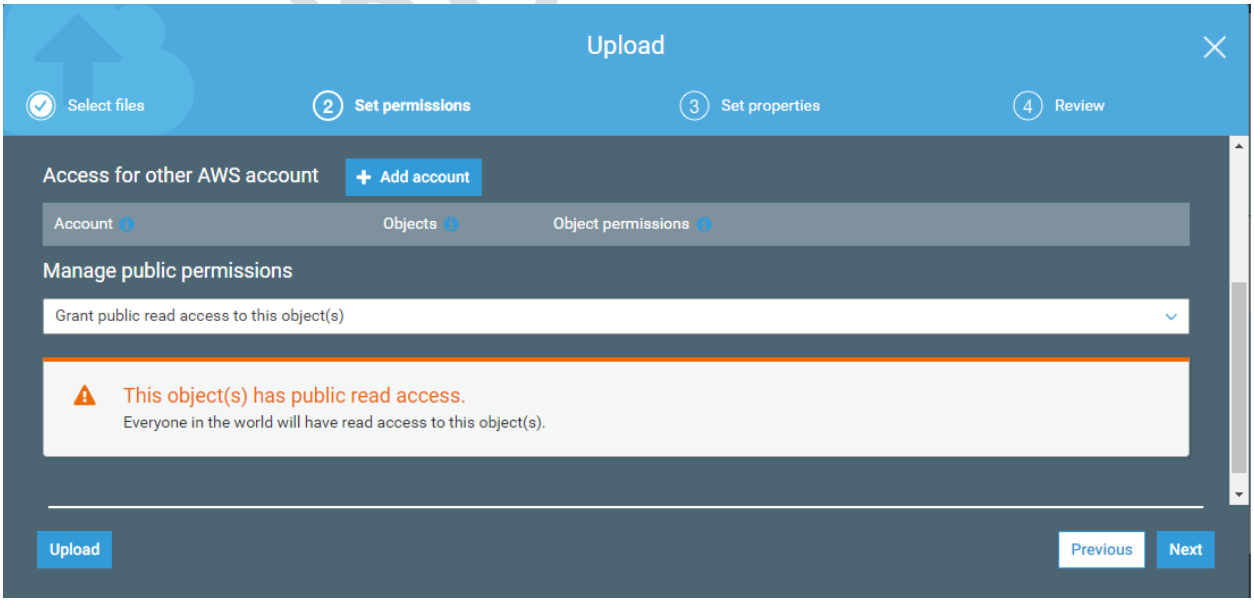


@bucket is empty now.

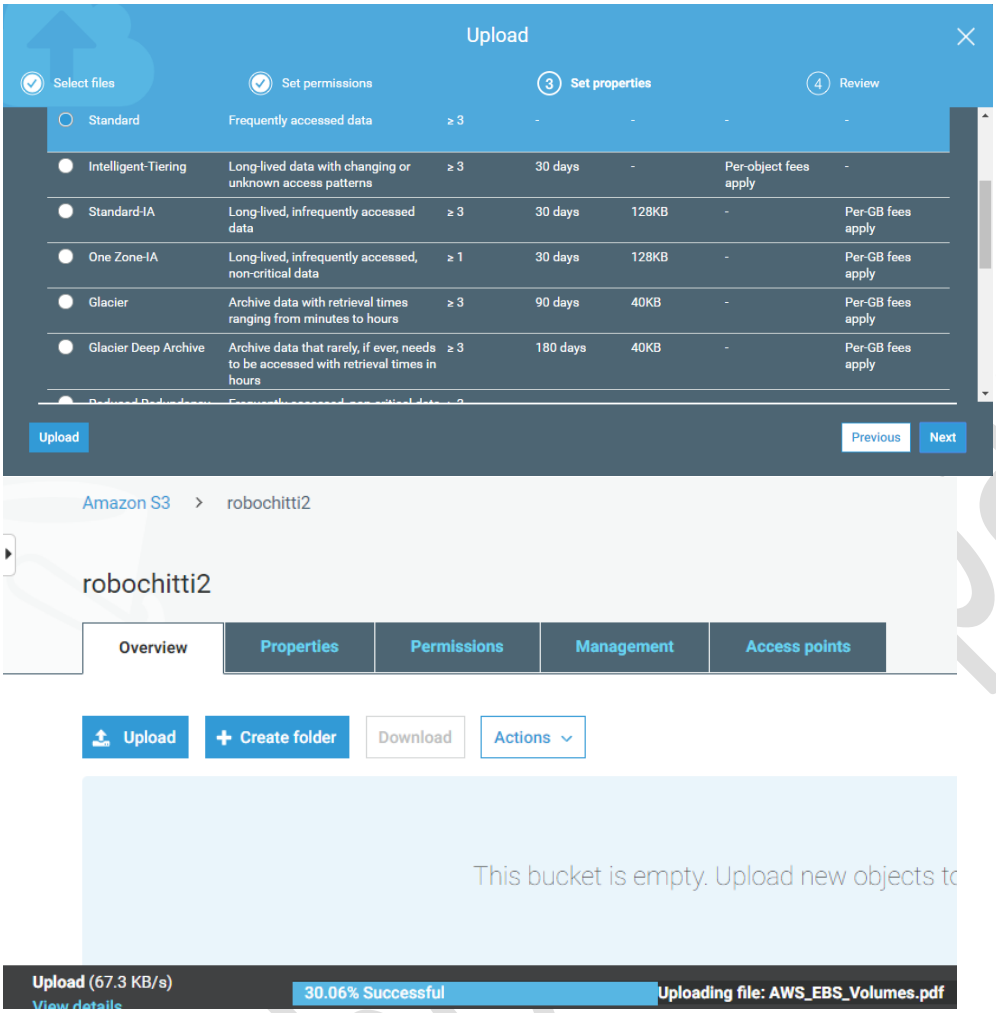
Step3.1:- lets upload file via GUI and try to download from linux CLI.

Click upload → Add files → select file from your local system → select (Grant public read access to this objects) →click Next





@Go with default standard.



@@Copy the path of the file.

Owner
f5160d3021f52cf94ca40cc27e374d56442eb10bcf92027e1c899cb22c1b6c59

Last modified
Feb 26, 2020 1:26:54 PM GMT+0530

Etag
62062ee06303168cb72ec976974390e9

Storage class
Standard

Server-side encryption
None

Size
691.9 KB

Key
AWS_EBS_Volumes.pdf

Object URL
https://robochitti2.s3.us-east-2.amazonaws.com/AWS_EBS_Volumes.pdf

aws s3 ls s3://robochitti2

```
[root@ip-172-31-14-3 ~]# aws s3 ls s3://robochitti2
2020-02-26 07:56:54     708469 AWS_EBS_Volumes.pdf
[root@ip-172-31-14-3 ~]#
```

wget https://robochitti2.s3.us-east-2.amazonaws.com/AWS_EBS_Volumes.pdf .

```
[root@ip-172-31-14-3 ~]# ls -rlt
total 708
-rw-------. 1 root root   6577 Jan 28  2019 original-ks.cfg
-rw-------. 1 root root   6921 Jan 28  2019 anaconda-ks.cfg
-rw-r--r--. 1 root root 708469 Feb 26 07:56 AWS_EBS_Volumes.pdf
[root@ip-172-31-14-3 ~]#
```

@To Sync entire folder with S3 bucket.

#mkdir ebs

#cd ebs

cp /etc/p* .

ls -rlt

```
[root@ip-172-31-14-3 ebs]# ls -rlt
total 24
-rw-r--r--. 1 root root 1087 Feb 26 08:13 passwd
-rw-r--r--. 1 root root 1087 Feb 26 08:13 passwd-
-rw-r--r--. 1 root root  233 Feb 26 08:13 printcap
-rw-r--r--. 1 root root 1819 Feb 26 08:13 profile
-rw-r--r--. 1 root root 6545 Feb 26 08:13 protocols
[root@ip-172-31-14-3 ebs]#
```

:-To sync remote folder to local.

#aws s3 sync s3://robochitti2 /root/ebs/

```
[root@ip-172-31-14-3 ebs]# aws s3 sync s3://robochitti2 /root/ebs/
download: s3://robochitti2/AWS_EBS_Volumes.pdf to ./AWS_EBS_Volumes.pdf
[root@ip-172-31-14-3 ebs]# ls -lrt
total 716
-rw-r--r--. 1 root root 708469 Feb 26 07:56 AWS_EBS_Volumes.pdf
-rw-r--r--. 1 root root   1087 Feb 26 08:13 passwd
-rw-r--r--. 1 root root   1087 Feb 26 08:13 passwd-
-rw-r--r--. 1 root root    233 Feb 26 08:13 printcap
-rw-r--r--. 1 root root   1819 Feb 26 08:13 profile
-rw-r--r--. 1 root root   6545 Feb 26 08:13 protocols
```

:-To sync local folder with remote.

aws s3 sync /root/ebs/ s3://robochitti2

```
[root@ip-172-31-14-3 ebs]# aws s3 sync /root/ebs/ s3://robochitti2
upload: ./passwd to s3://robochitti2/passwd
upload: ./passwd- to s3://robochitti2/passwd-
upload: ./printcap to s3://robochitti2/printcap
upload: ./profile to s3://robochitti2/profile
upload: ./protocols to s3://robochitti2/protocols
[root@ip-172-31-14-3 ebs]#
```

aws s3 ls s3://robochitti2

```
[root@ip-172-31-14-3 ebs]# aws s3 ls s3://robochitti2
2020-02-26 07:56:54     708469 AWS_EBS_Volumes.pdf
2020-02-26 08:18:04       1087 passwd
2020-02-26 08:18:04       1087 passwd-
2020-02-26 08:18:04        233 printcap
2020-02-26 08:18:04       1819 profile
2020-02-26 08:18:04       6545 protocols
[root@ip-172-31-14-3 ebs]#
```

Note:-you can use S3 for backup also.