

# Transferring files from one S3 bucket to another S3 bucket using AWS CLI

In this task, we have to transfer files from one S3 bucket to our instance volume and move it from there to another S3 bucket using AWS CLI

## Requirements:

- Amazon Linux Instance with AWS CLI
- Two AWS Accounts with S3 bucket and some files in it
- S3 Browser (optional)

1. Launch Amazon Linux Instance in AWS
2. Connect to instance and create a directory to store the files which will be downloaded from S3.

3. Configure AWS Account from where S3 bucket files has to be taken (Source Bucket)  
\$ aws configure

- It will ask for AWS Access Key, Secret Access Key which you will get from AWS Account which has the source bucket.
- It will ask for region, here add the region name. If Mumbai, the add ap-south-1
- When asked for format, type json.

4. Now that AWS Account is configured, to view the list of buckets, command is:  
\$ aws s3 ls

This will list down the Buckets available in that account.

5. Download S3 browser and configure the AWS Account in it to view buckets and contents in the bucket. Here you can easily view the files inside the bucket and can get path for the folder or file.

6. Scenario: We have to move a folder called logs inside a bucket call 'backup' to our directory called logdir and move to bucket of another account called 'destbucket'

Command is:

```
$ aws s3 sync s3://backup/logs/ ~/logdir/.
```

This will move it to directory in instance.

7. Now we have to move the folder in instance directory to another S3 bucket called destbucket

8. Configure AWS Account for Destination account

```
$ aws configure
```

9. Add all the details of Destination AWS Account as performed for Source Account

10. Now to transfer to Destination Account Bucket give the following command:

```
$ aws s3 sync ~/logdir/ s3://destbucket/
```

11. After completion of transfer, you can delete the data in your instance volume by:

```
$ cd ~/logdir/
```

```
$ rm -rf *
```