

Amazon AWS

AWS Cli tools

- install AWS CLI version 2 by following this web page

<https://docs.aws.amazon.com/cli/latest/userguide/install-cliv2.html>

AWS S3 commands

Reference: <https://aws.amazon.com/premiumsupport/knowledge-center/s3-locate-credentials-error/>

- After installation, test the AWS commands
- list the buckets

```
# aws s3 ls
```

- if the above command fail, it is because you have not configure the credentials yet
- check your credentials

```
# aws configure list
```

```
donlee@desktop-p27sreq apao2021 % aws configure list
Name          Value          Type    Location
-----          -
profile       <not set>      None    None
access_key    <not set>      None    None
secret_key    <not set>      None    None
region        <not set>      None    None
```

- run the following command and enter the Access key and secret.

```
# aws configure
```

- Enter the AWS Access Key ID and AWS Secret Access Key and leave other blank
 - AWS Access Key ID: ask your administrator
 - AWS Secret Access Key: ask your administrator
 - Default region name: Leave blank and Enter
 - Default output format: Leave blank and Enter

```
donlee@desktop-p27sreq apao2021 % aws configure
AWS Access Key ID [None]: AKIARIYVMVt
AWS Secret Access Key [None]: XanD94t
Default region name [None]:
Default output format [None]:
donlee@desktop-p27sreq apao2021 %
```

- check your credentials again to see if it is success

```
# aws configure list
```

```
donlee@desktop-p27sreq apao2021 % aws configure list
-----
Name                               Value                               Type   Location
-----
profile                             <not set>                           None   None
access_key                          *****3H77                          shared-credentials-file
secret_key                           *****wK/q                          shared-credentials-file
region                               <not set>                           None   None
donlee@desktop-p27sreq apao2021 %
```

- Now, try list all bucket again

```
# aws s3 ls
```

AWS S3 Sync commands

- sync desired bucket by AWS S3 Sync command
 - create an empty folder e.g. localpath
 - remember to put `s3:bucket` in front of your localpath `<code> # mkdir ~/localpath # aws s3 sync s3:bucketname ~/localpath`

</code>

- example

```
# cd ~/Downloads/apao2021
# aws s3 sync s3://apao2021 .
```

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