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
```


- 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

- check your credentials again to see if it is success

```
# aws configure list
```

- Now, try list all bucket again

```
# aws s3 ls
```

AWS S3 commands

- sync desired bucket by this 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 .
```