Amazon AWS

AWS Cli tools Installation

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

- install AWS CLI version 2

AWS S3 commands

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

```
# 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
```

```
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

Reference:
https://docs.aws.amazon.com/cli/latest/userguide/cli-services-s3-commands.html#using-s3-commands-managing-objects-sync

- sync desired bucket by AWS S3 Sync command

```
# aws s3 sync source target
```

- sync all files from a bucket to your local folder
  - create an empty folder e.g. apao2021
  - remember to put the source s3:*apao2021 before your target <code> # cd Downloads # mkdir apao2021 # cd apao2021 # aws s3 sync s3:*apao2021 .

</code>