

## AWS Command Line Interface (CLI)

### Introduction

- The AWS Command Line Interface is a unified tool to manage your AWS services

### Pre-requisites

- Operating System : Windows, Linux, OS X, or Unix
- Python 2 version 2.6.5+ or Python 3 version 3.3+, Pip

### Setup Instructions

1. Install Python && pip

```
$ sudo apt-get install python2.7 / sudo apt-get install python3
$ python --version / python3 --version
$ curl -0 https://bootstrap.pypa.io/get-pip.py
$ sudo python2.7 get-pip.py
```

2. Install aws cli

```
$ sudo pip install awscli / pip install --upgrade awscli
$ aws --version
$ aws help | $ aws configure // to set the configuration
```

### Configuration Instructions

- We Can set it by the below command

```
$ aws configure
AWS Access Key ID [None]: XXXXXXXXXX (AWS_ACCESS_KEY_ID)
AWS Secret Access Key [None]: XXXXXXXXXX (AWS_SECRET_ACCESS_KEY)
Default region name [None]: us-west-2
```

- We can configure the AWS KEYS in the below files

```
$ ls ~/.aws
Config File : $ ~/.aws/config | Credential File : $ ~/.aws/credentials
```

### Examples CLI Commands on S3

- ❑ Listing Buckets : `$ aws s3 ls`
- ❑ Listing Objects in Bucket : `$ aws s3 ls s3://<bucket-name>`
- ❑ Creating Bucket : `$ aws s3 mb s3://bucket-my-bucket1`
- ❑ Copying localfile to s3 bucket : `$ aws s3 cp readme-expt.md s3://<bucketname>/`

### References

| <http://docs.aws.amazon.com/cli/latest/reference/#available-services> | <http://s3tools.org/usage> |