

Table of Contents

Usage of EC2 CLI.....	1
Credentials.....	1
Install AWS CLI.....	1
Configure AWS CLI.....	1
Quick guide to AWS CLI.....	1

Usage of EC2 CLI

If you need a new machine for PanDA, get pre-clearance from Sergey Panitkin and Torre Wenaus. They need to confirm your request fits in the budget

Credentials

Someone needs to give you the credentials to be able to use the CLI. Don't make these public!

- **Access Key Id:** Username
- **Secret Access Key:** Password

Further reading: [Understanding EC2 access credentials](#)

Install AWS CLI

On MacOSX, if you already have python&pip installed, it's as simple as:

```
sudo pip install awscli
sudo pip install --upgrade awscli
```

For more details and other OS please follow the [official installation guide](#).

Configure AWS CLI

```
pb-d-128-141-50-158:sec fbarreir$ aws configure
AWS Access Key ID [None]: <YOUR ACCESS KEY ID>
AWS Secret Access Key [None]: <YOUR SECRET ACCESS KEY>
Default region name [None]: us-east-1 #Regions are in http://docs.aws.amazon.com/general/latest
Default output format [None]: text #Can be json, text or table
```

This creates the folder `~/.aws/`

```
pb-d-128-141-50-158:~ fbarreir$ cd ~/.aws/
pb-d-128-141-50-158:~ fbarreir$ ll
total 16
-rw----- 1 fbarreir staff 116 Feb 24 16:19 credentials # The credentials
-rw----- 1 fbarreir staff 43 Feb 24 16:19 config # The region and output format settings.
```

You can have multiple profiles and more advanced settings, but at this point I don't need it. Please follow the [official configuration documentation](#) for more information.

Quick guide to AWS CLI

Use the help option for full documentation:

```
aws help
aws ec2 help
aws ec2 describe-instances help

aws ec2 describe-images --owners self
aws ec2 run-instances --image-id <CHOSEN IMAGE ID> --count 1 --instance-type m1.small --key-name
aws ec2 describe-instances --instance-ids <YOUR INSTANCE ID>
ssh -i ~/.ssh/root_ec2 root@<YOUR NEW IP>
```

All the details on the CLI: [Official get started guide](#)

[Official examples on launching a new machine](#)

[Official command reference](#)

This topic: PanDA > BootNewEC2Instance

Topic revision: r3 - 2015-02-25 - FernandoHaraldBarreiroMegino



Copyright &© 2008-2021 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.
or Ideas, requests, problems regarding TWiki? use [Discourse](#) or [Send feedback](#)