

# Installation on MacOS

## Install Docker

<https://docs.docker.com/desktop/install/mac-install/>

## Install Boto3

```
pip3 install boto3
```

## Install AWS CLI

Installing or updating the latest version of the AWS CLI - AWS Command Line Interface

The AWS CLI is an open source tool built using the AWS SDK for Python (Boto) that provides commands for interacting with AWS services. With minimal configuration, you can start using all of the functionality provided by the AWS Management Console from your favorite terminal program.

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

In your browser, download the macOS `pkg` file: <https://awscli.amazonaws.com/AWSCLIV2.pkg>

To verify that the shell can find and run the `aws` command in your `$PATH`, use the following commands.

```
which aws
--- /usr/local/bin/aws

aws --version
--- aws-cli/2.10.0 Python/3.9.11 Darwin/21.6.0 exe/x86_64 prompt/off
```

Configure AWS.

```
aws configure

AWS Access Key ID [None]: test
AWS Secret Access Key [None]: test
Default region name [None]: us-east-2
Default output format [None]: json
```

## Install DynamoDB GUI

```
sudo npn install -g dynamodb-admin
```

## Install Flask

```
pip3 install Flask
```

## Install flask-cors

```
pip3 install flask-cors
```

# Get started with LocalStack

Now we can start the LocalStack Docker container.

```
docker run --rm -it -p 4566:4566 -p 4571:4571 localstack/localstack
```

To use localstack with AWS Developer Tools is only necessary to **specify the endpoint** exposed by the docker container.

```
aws [options] <command> --endpoint-url=http://localhost:4566
```