

# 1,set up

## 1,mac下载 terraform

```
brew install terraform
terraform -v
```

## 2, 下载 vscode , 跟vscode插件 HashiCorp Terraform

## 3, 下载AWS cli

<https://www.youtube.com/watch?v=CyPjHE07HpA>

## 4, setup aws cli

- **Pre-requisite:** Should have AWS Account.
  - Create an AWS Account
- Generate Security Credentials using AWS Management Console
  - login—> Go to Services -> IAM -> Users -> "create Your-Admin-User" -> Security Credentials -> Create Access Key (get access ID and access key)
- Configure AWS credentials using SSH Terminal on your local desktop

```
$ aws configure

AWS Access Key ID [None]: AKIA4UQIDGYDPS0H6LP
AWS Secret Access Key [None]: exHMzNTTeA9ERhU/U7HetZ+2RThNKfeTexp1Skv/
Default region name [None]: ap-northeast-1
Default output format [None]: json

# Verify if we are able list S3 buckets
aws s3 ls    //保证s3里至少有一个bucket, 没有就新建一个用来测试
```

- Verify the AWS Credentials Profile

```
cat $HOME/.aws/credentials
```

5，用terraform写上面每一个部分的代码