Create Public key pair and upload to AWS

In this step by step process we will create our own public and private key pair. We will then upload our public key to AWS and use our private key to connect to our instances. By default whenever we create a key in AWS, we save our private key in AWS. This is a method that allows us to create the private key on our own machines and have full control over our keys. This solution is for Linux ec2 instance.

1. Create a folder and name it ssh

Mkdir ssh

1. Move into the folder

Cd ssh

1. Create your key pair and name it
2. Ssh-keygen
3. I’ll add my region name at the end of the keys

Id\_rsa\_California

1. Enter a passphrase
2. Check directory contents

Dir

1. The private key is named “id\_rsa\_california” and the public key is named “id\_rsa\_california.pub”
2. Use the following command to upload your key to AWS

Aws ec2 import-key-pair --region us-west-1 --key-name “California-Key” 3 --public-key-material “fileb://id\_rsa\_california.pub”

1. Log into AWS console and in the ec2 dashboard you should see the key that was uploaded.
2. The last step in creating an instance is selecting a key and this key will be visible