

1. Login on the Server through mac ios system

```
AWS — ubuntu@ip-172-31-4-52: ~ — ssh -i Key.pem ubuntu@ec2-54-252-18...
Key.pem
[JackdeMacBook-Pro:aws captain$ chmod 400 Key.pem]
[JackdeMacBook-Pro:aws captain$ ssh -i "Key.pem" ubuntu@ec2-54-252-186-30.ap-sout
theast-2.compute.amazonaws.com
The authenticity of host 'ec2-54-252-186-30.ap-southeast-2.compute.amazonaws.com
(54.252.186.30)' can't be established.
ECDSA key fingerprint is SHA256:drqtnjmfZmemNF0bHMqm7ttAT0kZs0lyXHxw0qLDyd4.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'ec2-54-252-186-30.ap-southeast-2.compute.amazonaws.c
om,54.252.186.30' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 16.04.2 LTS (GNU/Linux 4.4.0-1022-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

Get cloud support with Ubuntu Advantage Cloud Guest:
http://www.ubuntu.com/business/services/cloud

0 packages can be updated.
0 updates are security updates.
```

2. Create file iwashere.txt under /home directory

```
AWS — ubuntu@ip-172-31-4-52: /home — ssh -i Key.pem ubuntu@ec2-54-25...

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

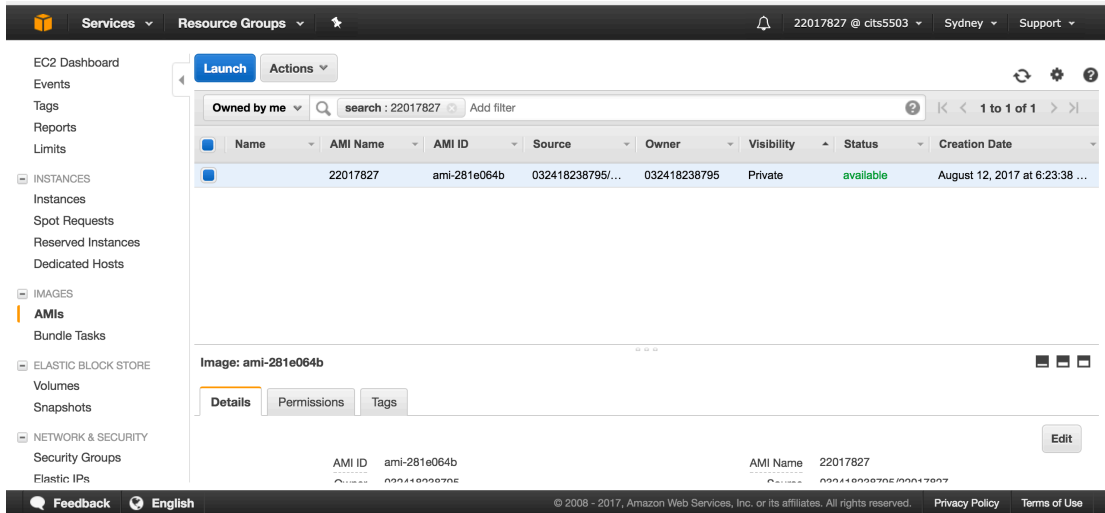
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

[ubuntu@ip-172-31-4-52:~$ ls]
[ubuntu@ip-172-31-4-52:~$ cd /]
[ubuntu@ip-172-31-4-52:/$ ls]
bin  etc  lib  media  proc  sbin  sys  var
boot home lib64 mnt  root  snap tmp  vmlinuz
dev  initrd.img lost+found opt  run  srv  usr

[ubuntu@ip-172-31-4-52:/$ cd home]
[ubuntu@ip-172-31-4-52:/home$ ls]
ubuntu
[ubuntu@ip-172-31-4-52:/home$ sudo vi iwashere.txt]
[ubuntu@ip-172-31-4-52:/home$ ls]
iwashere.txt  ubuntu
[ubuntu@ip-172-31-4-52:/home$ ]
```

3. Create AMI



The screenshot shows the AWS Management Console interface. On the left, there is a navigation menu with categories like EC2 Dashboard, INSTANCES, IMAGES, ELASTIC BLOCK STORE, and NETWORK & SECURITY. The 'IMAGES' section is selected, and the 'AMIs' sub-section is active. A table lists the AMIs, with one AMI selected: 'ami-281e064b'. Below the table, the details for this AMI are displayed, including its name '22017827', ID 'ami-281e064b', source, owner, visibility, status, and creation date. The console also shows the top navigation bar with 'Services' and 'Resource Groups' tabs, and a search bar.

4. Create new instance based on AMI, login the new instance and check file iwashere.txt

```
AWS — ubuntu@ip-172-31-4-159: /home — ssh -i mkey.pem ubuntu@ec2-13-...
* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:        https://ubuntu.com/advantage

Get cloud support with Ubuntu Advantage Cloud Guest:
http://www.ubuntu.com/business/services/cloud

0 packages can be updated.
0 updates are security updates.

Last login: Sat Aug 12 10:19:51 2017 from 49.196.15.252
ubuntu@ip-172-31-4-159:~$ ks
ks: command not found
ubuntu@ip-172-31-4-159:~$ ls
ubuntu@ip-172-31-4-159:~$ cd /
ubuntu@ip-172-31-4-159:/$ ls
bin  etc  lib  media  proc  sbin  sys  var
boot  home  lib64  mnt  root  snap  tmp  vmlinuz
dev  initrd.img  lost+found  opt  run  srv  usr
ubuntu@ip-172-31-4-159:/$ cd home
ubuntu@ip-172-31-4-159:/home$ ls
iwashere.txt  ubuntu
ubuntu@ip-172-31-4-159:/home$
```