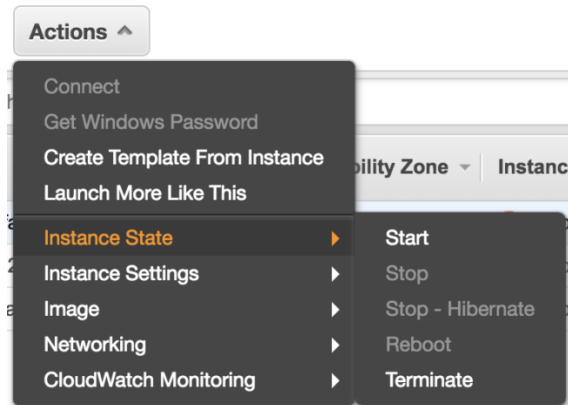


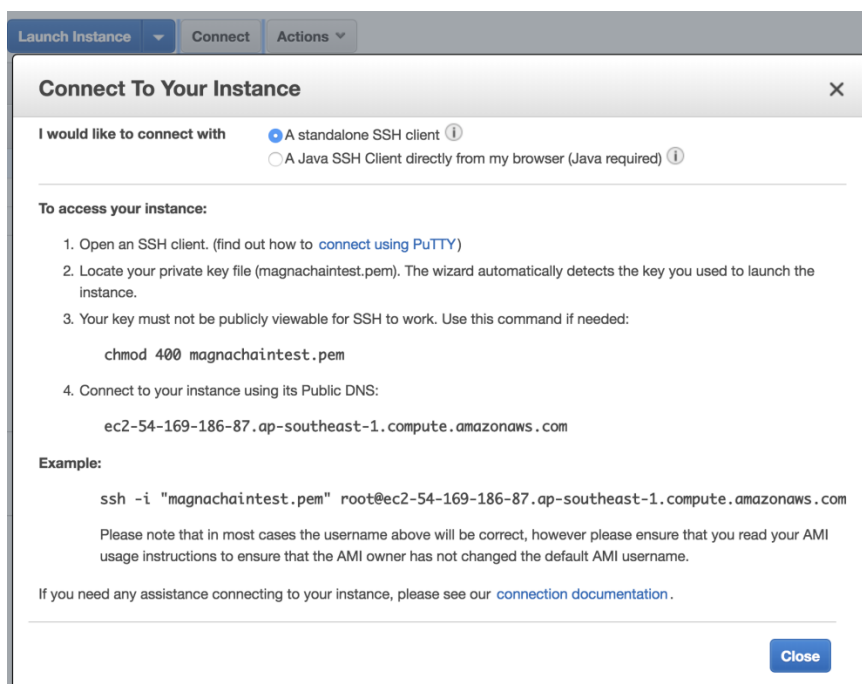
MagnaChain One Click Deployment

Connect with Linux or Mac OS X Client

1) Start the Instance



2) Connect to instance



2.1 Open Terminal (command line)

2.2 Change location to the download folder (or the folder where you stored the PEM file during the deployment).

2.3 Execute the command “`chmod 400 yourpemfilename.pem`”

2.4 Copy the Example connection string and edit it. Change fromroot@..... toubuntu@..... and execute it in the command line.

```
[Dirks-MacBook-Pro-2:Downloads drdirkbauer$ ssh -i "magnachaintest.pem" ubuntu@ec2-52-221-239-60.ap-southeast-1.compute.amazonaws.com
Welcome to Ubuntu 18.04.1 LTS (GNU/Linux 4.15.0-1029-aws x86_64)

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

System information as of Wed Dec 19 00:44:17 UTC 2018

System load:  0.06               Processes:    90
Usage of /:   25.8% of 7.69GB    Users logged in: 0
Memory usage: 15%               IP address for eth0: 172.31.20.162
Swap usage:   0%

 * MicroK8s is Kubernetes in a snap. Made by devs for devs.
   One quick install on a workstation, VM, or appliance.

   - https://bit.ly/microk8s

 * Full K8s GPU support is now available! Get it in MicroK8s, CDK,
   and on GKE with Ubuntu workers.

   - https://blog.ubuntu.com/2018/12/10/using-gpgpus-with-kubernetes

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

 * Canonical Livepatch is available for installation.
   - Reduce system reboots and improve kernel security. Activate at:
     https://ubuntu.com/livepatch

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

Last login: Fri Dec 14 00:49:10 2018 from 171.96.190.92
ubuntu@ip-172-31-20-162:~$
```

3) After you have connected you will see the command line of the magnachain test system. Please go to the download folder and explorer the file/folder structure

```
Last login: Fri Dec 14 00:49:10 2018 from 171.96.190.92
ubuntu@ip-172-31-20-162:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-20-162:~$ ls -l
total 4
drwxrwxr-x 3 ubuntu ubuntu 4096 Dec 13 07:37 download
ubuntu@ip-172-31-20-162:~$ cd download
ubuntu@ip-172-31-20-162:~/download$ ls -l
total 54112
drwxrwxr-x 2 ubuntu ubuntu 4096 Dec 6 17:35 magnachain
-rw-rw-r-- 1 ubuntu ubuntu 55404345 Dec 13 07:33 ubuntu_v451.zip
ubuntu@ip-172-31-20-162:~/download$ cd magnachain
ubuntu@ip-172-31-20-162:~/download/magnachain$ ls -l
total 168976
-rw-rw-r-- 1 ubuntu ubuntu 18696 Dec 13 15:22 libboost_chrono.so.1.65.1
-rw-rw-r-- 1 ubuntu ubuntu 105248 Dec 13 15:22 libboost_filesystem.so.1.65.1
-rw-rw-r-- 1 ubuntu ubuntu 527200 Dec 13 15:22 libboost_program_options.so.1.65.1
-rw-rw-r-- 1 ubuntu ubuntu 18544 Dec 13 15:22 libboost_system.so.1.65.1
-rw-rw-r-- 1 ubuntu ubuntu 150256 Dec 13 15:22 libboost_thread.so.1.65.1
-rw-rw-r-- 1 ubuntu ubuntu 2030544 Dec 13 15:22 libc.so.6
-rw-rw-r-- 1 ubuntu ubuntu 2575848 Dec 13 15:22 libcrypto.so.1.1
-rw-rw-r-- 1 ubuntu ubuntu 1687640 Dec 13 15:22 libdb_cxx-4.8.so
-rw-rw-r-- 1 ubuntu ubuntu 14560 Dec 13 15:22 libdl.so.2
-rw-rw-r-- 1 ubuntu ubuntu 330128 Dec 13 15:22 libevent-2.1.so.6
-rw-rw-r-- 1 ubuntu ubuntu 10008 Dec 13 15:22 libevent_pthreads-2.1.so.6
-rw-rw-r-- 1 ubuntu ubuntu 96616 Dec 13 15:22 libgcc_s.so.1
-rw-rw-r-- 1 ubuntu ubuntu 1700792 Dec 13 15:22 libm.so.6
-rw-rw-r-- 1 ubuntu ubuntu 51584 Dec 13 15:22 libminiupnpc.so.10
-rw-rw-r-- 1 ubuntu ubuntu 522248 Dec 13 15:22 libnorm.so.1
-rw-rw-r-- 1 ubuntu ubuntu 293784 Dec 13 15:22 libpgm-5.2.so.0
-rw-rw-r-- 1 ubuntu ubuntu 144976 Dec 13 15:22 libpthread.so.0
-rw-rw-r-- 1 ubuntu ubuntu 31680 Dec 13 15:22 librt.so.1
-rw-rw-r-- 1 ubuntu ubuntu 330440 Dec 13 15:22 libsodium.so.23
-rw-rw-r-- 1 ubuntu ubuntu 1594832 Dec 13 15:22 libstdc++.so.6
-rw-rw-r-- 1 ubuntu ubuntu 626368 Dec 13 15:22 libzmq.so.5
-rw-rw-r-- 1 ubuntu ubuntu 140 Aug 10 15:01 loadlib.sh
-rw-rw-r-- 1 ubuntu ubuntu 8936464 Dec 13 15:22 magnachain-cli
-rw-rw-r-- 1 ubuntu ubuntu 151181152 Dec 13 15:22 magnachaind
-rw-rw-r-- 1 ubuntu ubuntu 271 Nov 29 17:50 readme
ubuntu@ip-172-31-20-162:~/download/magnachain$
```