Password less communication between bastion to production.

Command to generate SSH-keys

ssh-keygen -t rsa -b 4096 -C "lab-ssh-key"

To check generated pub & private key.

ubuntu@ip-10-0-1-161:~$ ls -l ~/.ssh/

total 20

-rw------- 1 ubuntu ubuntu 389 Aug 22 04:13 authorized\_keys

-rw------- 1 ubuntu ubuntu 3369 Aug 24 02:16 id\_rsa

-rw-r--r-- 1 ubuntu ubuntu 737 Aug 24 02:16 id\_rsa.pub

-rw------- 1 ubuntu ubuntu 978 Aug 22 05:32 known\_hosts

-rw-r--r-- 1 ubuntu ubuntu 142 Aug 22 04:20 known\_hosts.old

To check public & private key.

ubuntu@ip-10-0-1-161:~$ cat ~/ .ssh/id\_rsa.pub

ubuntu@ip-10-0-1-161:~$ cat ~/ .ssh/id\_rsa

Now we need to transfer key from bastion host to production server.

First login on production server from bastion using pem.key

ssh -i jenkins.pem [ubuntu@10.0.2.109](mailto:ubuntu@10.0.2.109)

Then add bastion keys on production server.

mkdir -p ~/.ssh

echo "ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAACAQD... ubuntu@ip-10-0-1-161" >> ~/.ssh/authorized\_keys

chmod 700 ~/.ssh

chmod 600 ~/.ssh/authorized\_keys

Then test the SSH

ssh [ubuntu@10.0.2.109](mailto:ubuntu@10.0.2.109)

Now we should be login without .pem. using you generated id\_rsa key