ssh -i ~/.ssh/AMI\_key.pem ec2-user@ec2-34-217-147-204.us-west-2.compute.amazonaws.com

Steps I did:

1. Sign in to AWS amazon.
2. Started EC2-instance (AWS linux) – server A.
3. Installed WSL and configured ssh connection to server A.
   1. chmod 400 the key.
4. On server A terminal:
   1. Verified python exist.
   2. Installed pip.
   3. Installed ansible.
   4. Installed ansible through apt-get command
5. Learned Ansible syntax (Ad-hoc, playbooks, modules).
6. Disable password authentication:
   1. /etc/ssh/sshd\_config
      1. PasswordAuthentication no
   2. Tried to install a role for ansible.

New mothod:

1. Create Ubuntu 18.x server.
2. Install python on all machines.
3. Limit iptables using Ansible:
   1. install ifupdown
   2. limits port on iptables interface
   3. Save rules to file:
      1. sh -c "iptables-save > /etc/iptables.rules"
   4. copy **interface** file to /etc/network/interfaces:

|  |
| --- |
| auto eth0  iface eth0 inet dhcp  pre-up iptables-restore < /etc/iptables.rules  post-down iptables-restore < /etc/iptables.downrules |

1. Limits only key login (No passwords):
   1. Edit file /etc/ssh/sshd\_config
      1. Change line: PasswordAuthentication no