

## **ANSIBLE CONNECTION ON EC2 MACHINE**

**sudo hostnamectl set-hostname master #change host name**

**sudo -i #activate host name**

**sudo apt update**

**sudo su #change to super user and create user for ansible**

**useradd -d /home/kimbicodes -m kimbicodes #username passwd kimbicodes**

**#click enter to add password**

**nano /etc/sudoers #add user to sudo file as seen below under root kimbicodes**

**ALL=(ALL) NOPASSWD:ALL allow people in group wheel kimbicodes ALL=(ALL)**

**NOPASSWD:ALL SAVE**

**nano /etc/ssh/sshd\_config #go here and make changes passwordauthentication**

**yes #make it yes permitrootlogin yes #uncomment this line**

**systemctl restart sshd #restart sshd step1:**

### **step1: INSTALL ANSIBLE ON CONTROL MACHINE**

**sudo hostnamectl set-hostname master #change host name**

**sudo -i**

**#!/bin/bash**

**sudo apt update**

**sudo apt install software-properties-common**

**sudo apt-add-repository ppa:ansible/ansible**

**sudo apt update sudo apt install ansible -y**

### **FOR AMAZON LINUX**

**amazon-linux-extras install ansible2**

## **step2: INSTALL PYTHON ON SLAVE MACHINE**

**#!/bin/bash**

**sudo apt update**

**sudo apt install python -y**

**cd .ssh #you should see authorized\_keys file in slave**

**nano .ssh #past public key copied from host machine**

## **step3: CONFIGURE SSH ACCESS IN ANSIBLE HOST MACHINE**

**cd .ssh #in host machine go to .ssh directory**

**ls #you should see authorized\_keys known\_hosts**

**ssh-keygen #to generate a key for host machine**

**ll /root/.ssh #authorized\_keys id\_rsa id\_rsa.pub known\_hosts**

**cat /root/.ssh/id\_rsa.pub #copy the content and past in authorized keys in slave machine**

**ssh slavemachinename@ipadress #to connect to slave**

**ssh ubuntu@ipAddress exit #to exit slave machine and go back to host or master machine**

## **step4: SETTING UP ANSIBLE HOST AND TESTING CONNECTION**

**nano /etc/ansible/hosts #add groups of ip addresses in this file**

**[webserver]**

**54.86.222.148 ansible\_ssh\_user=ubuntu ansible\$private\_key\_file=/root/.ssh/id\_rsa.pub**

**44.202.251.68 ansible\_ssh\_user=ubuntu ansible\$private\_key\_file=/root/.ssh/id\_rsa.pub**

**3.85.231.80 ansible\_ssh\_user=ec2-user ansible\$private\_key\_file=/root/.ssh/id\_rsa.pub**

**[walters]**

**54.227.45.54 ansible\_ssh\_user=ubuntu ansible\$private\_key\_file=/root/.ssh/id\_rsa.pub**