**Installation on Control Server** (Ubuntu)

* Create EC2 Instance with AMI as Ubuntu
* Login to EC2 instance using Git Bash/Terminal and execute below commands from Git Bash window
* To become the root user

**sudo -i**

apt update -y

* **To install Ansible**

**apt install -y ansible**

* **To check Ansible version**

**ansible –version**

* **Create user named ansible**

**adduser ansible**

* **Add below entry so that ansible user can become root user if needed**

**echo "ansible ALL=(ALL) NOPASSWD: ALL" >> /etc/sudoers**

* **Enable Password Authentication**

**sed -ie 's/PasswordAuthentication no/ PasswordAuthentication yes/' /etc/ssh/sshd\_config**

* **Restart sshd Daemon**

**service sshd reload**

* **Create Directory to /etc/ansible**

**mkdir /etc/ansible**

**cd /etc/ansible**

* **Create file named hosts (Default Inventory file)**

**touch hosts**

* **Change owner and group to ansible on hosts file**

**chown ansible:ansible hosts**

* **Exit as root user**

**exit**

* Switch user to ansible, it is going to prompt the password that you set for ansible user

**su - ansible**

* **To generate the ssh key**

**ssh-keygen**

* + **Press Enter for all the prompts (like Enter Paraphrase name etc)**
* **ssh-copy-id localhost** 🡪 To copy the ssh key to localhost
  + **Provide the password for Ansible user when it prompts**
* ssh localhost 🡪 to verify if we can connect to ssh (if connected then exit to come back

**Create another EC2 Instance for Node**

**Ubuntu AMI**

**sudo -i**

**adduser ansible**

**echo "ansible ALL=(ALL) NOPASSWD: ALL" >> /etc/sudoers**

**sed -ie 's/PasswordAuthentication no/ PasswordAuthentication yes/' /etc/ssh/sshd\_config**

**sudo service sshd reload**

**After Creating the Node, come back to Control Server and type below command**

* **ssh-copy-id <Node-private-ip>**

Whenever you add New Node Server

1. Configure the Node Server

2. From Control Server

ssh-copy-id <Private-IP>

3. Add that Private IP to inventory file (/etc/ansible/hosts)