**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**

* **Create Directory /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)**

**cd .ssh**

* **cp id\_rsa.pub authorized\_keys** copy the ssh key to localhost
* 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**

**apt update -y**

**adduser ansible**

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

**exit**

**su - ansible**

**mkdir .ssh**

**create the file name authorized\_keys and copy the content of id\_rsa.pub from Control server**

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

* **ssh <Node-private-ip> To verify if we can connect from Control Server to Node Server**
* From Control Server, Create Inventory file

**vi /etc/ansible/hosts**

Add

Localhost

<Node-Private-IP

* From Control Server execute below command to verify the Ansible setup

**ansible all -m ping**

Whenever you add New Node Server

1. Configure the Node Server

2. From Control Server

Copy the keys

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