**Ansible installation:-**

Sudo apt-get update

**Inventory :-**

We have Ansible Control Sever (ACS) and we have multiple node servers. Ansible to connect to all the nodes we need to keep the details of the nodes in one file which is called inventory.

Default inventory =cd /etc/ansible

Here there will be a file called host. Here we will be having groups and under groups we have host entries. Ex :- suppose we have out UAT server to connect from the ACS machine. So in the host file we will have the entries for UAT server. Here group will be “webservers”,”dbservers” and all and under the group we will add the server IP address.

To make changes to the host file we need to do with sudo (root user).

Suppose you have to restart sshd service then command is =**1**. **sudo service sshd restart**

**2. systemctl restart sshd**

**Module:-**

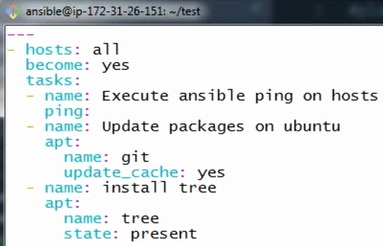
Ansible –m ping all

Set up authenticaton:-

Create a key.

ssh-keygen

ssh-copy-id



Above is an ansibe playbook.

Suppose we have a task to update one package in all node servers and then install git.

Here the package/module with the help of which we can perform update work is “apt”. we will search ansible module in google and then will search for apt module. There we will find all the commands.

The Linux command to install git is = **sudo apt-get install git**

Here **become = yes**  will do the work of sudo.

Update\_cache will install git.

Once we update the package no need to update it again so in next section we will give **state=present** which will install tree.