**Connection between ansible server and nodes**

**Ansible server:-**

1. Sudo su
2. Wget <https://dl.fedoraproject.org/pub/epel/epel-realease-latest-7.noarch.rpm>
3. Ls
4. Yum install [epel-realease-latest-7.noarch.rpm](https://dl.fedoraproject.org/pub/epel/epel-realease-latest-7.noarch.rpm)
5. Yum install git python python-level python-pip openssl ansible –y
6. Ansible –-version
7. Vi /etc/ansible/hosts (add node’s private ip in demo group)
8. Vi /etc/ansible/ansible.cfg (uncommented inventory and root)
9. Adduser ansible
10. Passwd ansible (set password )
11. Su – ansible
12. Exit
13. Visudo

Ansible ALL=(ALL) NOPASSWD: ALL (give privilege to ansible user )

1. Sudo yum install httpd –y
2. Su – ansible
3. Exit
4. Vi /etc/ssh/sshd\_config

( uncomment permitrootlogin, uncomment passwordAuthentication yes, comment passwordAuthentication no )

1. Service sshd restart
2. Su – ansible
3. Ssh (private ip: node1)

Connection established with node 1 is successful

1. Touch file1 file2
2. Exit
3. Ssh (private ip: node1)

Connection established with node 2 is successful

1. Exit

**To make password less login with nodes :-**

1. Ssh-keygen ( to generate pri and pub key )
2. Ls –a
3. Cd .ssh
4. Ls
5. Ssh-copy-id ansible@(private ip of node1)
6. Ssh-copy –id ansible@(private ip of node2)
7. Cd ..
8. Ssh (private of node1)

Connection established with node 1 is successful with passwordless login

**Host pattern:-**

1. Ansible all –-list-hosts ( to check how many host you have in demo)
2. Ansible demo[0] –list-hosts (1st node)
3. Ansible demo[1] –list-hosts (2nd node)
4. Ansible demo[-1] –list-hosts ( last node )
5. Ansible demo[0:1] –list-hosts (range bwetween nodes )

**Node1:-**

1. Sudo su
2. Adduser ansible
3. Passwd ansible (set password )
4. Su – ansible
5. Exit
6. Visudo

Ansible ALL=(ALL) NOPASSWD: ALL (give privilege to ansible user )

1. Su – ansible
2. Exit
3. Vi /etc/ssh/sshd\_config

( uncomment permitrootlogin, uncomment

passwordAuthentication yes, comment passwordAuthentication no )

1. Service sshd restart
2. Su – ansible

**Node2:-**

1. Sudo su
2. Adduser ansible
3. Passwd ansible ( to set password )
4. Su – ansible
5. Exit
6. Visudo

Ansible ALL=(ALL) NOPASSWD: ALL (give privilege to ansible user )

1. Su – ansible
2. Exit
3. Vi /etc/ssh/sshd\_config

( uncomment permitrootlogin, uncomment passwordAuthentication yes, comment passwordAuthentication no )

1. Service sshd restart
2. Su – ansible