Step 1.

CN:

```
aited to search for file. Cannot update read-only repo
[root@localhost ~]# ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.0.100  netmask 255.255.255.0  broadcast 192.168.0.255
        inet6 fe80::f655:67cc:541d:acb2  prefixlen 64  scopeid 0x20<link>
        ether 08:00:27:ff:a2:4e  txqueuelen 1000  (Ethernet)
        RX packets 4361  bytes 2531190 (2.4 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 886  bytes 75103 (73.3 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
```

TN:

```
root@localhost ~]# ifconfig
np0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.0.108  netmask 255.255.255.0  broadcast 192.168.0.255
        inet6 fe80::af9a:3f02:107a:bab7  prefixlen 64  scopeid 0x20<link>
        ether 08:00:27:da:6f:5d  txqueuelen 1000  (Ethernet)
        RX packets 131  bytes 25261 (24.6 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 84  bytes 9798 (9.5 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

o: flags=73<UP LOOPBACK RUNNING>  mtu 65536
```

Step 2: configuring CN

- *Pip3 install ansible*

```
root@localhost ~]# pip3 install ansible
ARNING: Running pip install with root privileges is generally not a good idea. Try `pi
3 install --user` instead.
ollecting ansible
 Downloading https://files.pythonhosted.org/packages/f2/8f/09054d2e2bf4eaa1754956e08b5
ae1b0e51089e620e50438e501d83eda1/ansible-2.10.2.tar.gz (40.6MB)
   100% |                                | 40.6MB 29kB/s
ollecting ansible-base<2.11,>=2.10.3 (from ansible)
 Downloading https://files.pythonhosted.org/packages/2e/d1/92422f8f53ae2d4e75ebdc2be21
6a9ca2796b5d9679f20ed0239e86d8cf/ansible-base-2.10.3.tar.gz (5.8MB)
   100% |                                | 5.8MB 208kB/s
ollecting jinja2 (from ansible-base<2.11,>=2.10.3->ansible)
 Downloading https://files.pythonhosted.org/packages/30/9e/f663a2aa66a09d838042ae1a2c5
59828bb9b41ea3a6efa20a20fd92b121/Jinja2-2.11.2-py2.py3-none-any.whl (125kB)
   100% |                                | 133kB 1.6MB/s
equirement already satisfied: PyYAML in /usr/lib64/python3.6/site-packages (from ansib
e-base<2.11,>=2.10.3->ansible)
equirement already satisfied: cryptography in /usr/lib64/python3.6/site-packages (from
ansible-base<2.11,>=2.10.3->ansible)
ollecting packaging (from ansible-base<2.11 >=2.10.3->ansible)
```

- *Vim ip.txt*

```
    192.168.0.14
[root@localhost ~]# vim ip.txt
```

Write the ip of TN in it. In may case it is 192.168.0.108

- *Ansible all –list-hosts*

```
[root@localhost ~]# ansible all --list-hosts
 hosts (1):
    192.168.0.108
```

- *Configure the personal dir. Of config file of Ansible.*
    Mkdir /etc/ansible
    Vim etc/ansible/andible.cgf ; giving the inventory path

```
[defaults]
inventory = /root/ip.txt
~
~
~
```

   Ansible –version

```
[root@localhost ~]# ansible --version
ansible 2.10.3
  config file = /etc/ansible/ansible.cfg
  configured module search path = ['/root/.ansible/plugins/modules', '/usr/share/ansibl
e/plugins/modules']
  ansible python module location = /usr/local/lib/python3.6/site-packages/ansible
  executable location = /usr/local/bin/ansible
  python version = 3.6.8 (default, Jan 11 2019, 02:17:16) [GCC 8.2.1 20180905 (Red Hat
```

- *Modifying the Inventory: to provide IP, Protocol, user name. password.*

```
       root@localhost:~      ×        root@localhost:~      ×        root@localhost:~      ×
192.168.0.108 ansible_user=root ansible_ssh_pass=redhat ansible_connection=ssh
~
~
```

- *Install sshpass : Ansible work on top of python and sshpass.*

    1. *Adding the repository for installing sshpass.*

```
[root@localhost ~]# dnf install https://dl.fedoraproject.org/pub/epel/epel-release-late
st-8.noarch.rpm
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use subscript
ion-manager to register.
Repository 'dvd1' is missing name in configuration, using id.
Repository 'dvd2' is missing name in configuration, using id.
Repository 'docker' is missing name in configuration, using id.
Docker CE Stable - x86_64                          277  B/s | 381  B     00:01
Failed to synchronize cache for repo 'docker-ce-stable', ignoring this repo.
```

2.

```
[root@localhost ~]# yum install sshpass
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use subscript
ion-manager to register.
```

- *Step 3: Finally, run the code*
  Ansible all -m service -a "name=httpd state=satrted"