Inventory file

[cshakya@centosserver install]$ cat inventory

[all]

centosserver

centosdesktop

[rhel]

desktop.mylab.com

1. List out the all host of inventory of ansible managed host

ansible all -i inventory --list-hosts

[cshakya@centosserver install]$ ansible **all** -i inventory --list-hosts

hosts (3):

centosserver

centosdesktop

desktop.mylab.com

1. List out particular group hosts e.g rhel

[cshakya@centosserver install]$ ansible **rhel** -i inventory --list-hosts

hosts (1):

desktop.mylab.com

1. Ad-Hoc command examples

ansible all –m command –a id

-m is module – here it is command module which is default

-a is argument



ERRRO : because inventory file is not passed

[cshakya@centosserver install]$ ansible **all** -i inventory -m command -a id

centosdesktop | CHANGED | rc=0 >>

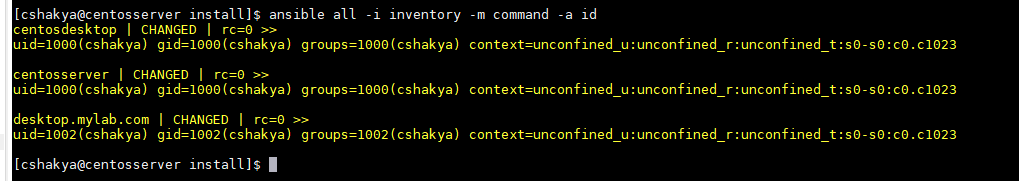
uid=1000(cshakya) gid=1000(cshakya) groups=1000(cshakya) context=unconfined\_u:unconfined\_r:unconfined\_t:s0-s0:c0.c1023

centosserver | CHANGED | rc=0 >>

uid=1000(cshakya) gid=1000(cshakya) groups=1000(cshakya) context=unconfined\_u:unconfined\_r:unconfined\_t:s0-s0:c0.c1023

desktop.mylab.com | CHANGED | rc=0 >>

uid=1002(cshakya) gid=1002(cshakya) groups=1002(cshakya) context=unconfined\_u:unconfined\_r:unconfined\_t:s0-s0:c0.c1023



[cshakya@centosserver install]$ ansible **rhel** -i inventory -m command -a id

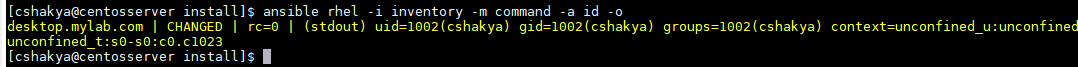
desktop.mylab.com | CHANGED | rc=0 >>

uid=1002(cshakya) gid=1002(cshakya) groups=1002(cshakya) context=unconfined\_u:unconfined\_r:unconfined\_t:s0-s0:c0.c1023



1. ansible rhel -i inventory -m command -a id –o

This will show command output in one line



1. [cshakya@centosserver install]$ **ansible rhel -i inventory -m command -a ./test.sh**

desktop.mylab.com | CHANGED | rc=0 >>

hello from server desktop.mylab.com at Sat Dec 1 02:20:26 EST 2018

1. [cshakya@centosserver install]$ **ansible rhel -i inventory -m shell -a ./test.sh**

desktop.mylab.com | CHANGED | rc=0 >>

hello from server desktop.mylab.com at Sat Dec 1 02:20:52 EST 2018

1. [cshakya@centosserver install]$ **ansible rhel -i inventory -m shell -a "sh -xv test.sh"**

desktop.mylab.com | CHANGED | rc=0 >>

hello from server desktop.mylab.com at Sat Dec 1 02:21:24 EST 2018 #!/bin/bash

h=`hostname`

hostname

++ hostname

+ h=desktop.mylab.com

d=`date`

date

++ date

+ d='Sat Dec 1 02:21:24 EST 2018'

echo "hello from server $h at $d "

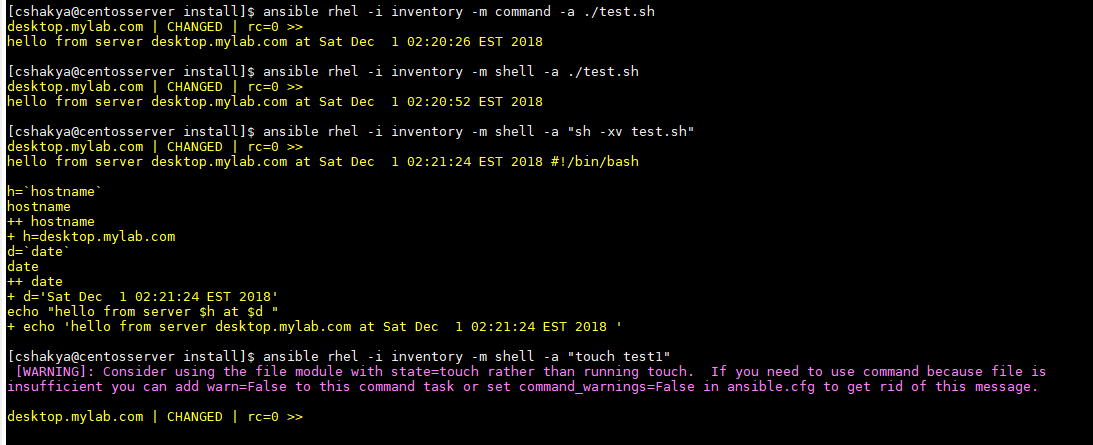
+ echo 'hello from server desktop.mylab.com at Sat Dec 1 02:21:24 EST 2018 '

1. [cshakya@centosserver install]$ **ansible rhel -i inventory -m shell -a "touch test1"**

[WARNING]: Consider using the file module with state=touch rather than running touch. If you need to use command because file is

insufficient you can add warn=False to this command task or set command\_warnings=False in ansible.cfg to get rid of this message.

desktop.mylab.com | CHANGED | rc=0 >>



1. [cshakya@centosserver install]$ **cat ansible.cfg**

[privilege\_escalation]

become=True

become\_method=sudo

become\_user=root

become\_ask\_pass=False

original ansible.cfg is at /etc/ansible/ansible.cfg

**NOTE : user by which we are managing ansible must part of either wheel group or part added as NOPASSWD: ALL in suoders file**



**Here cshakya used as ansible user on controller node and slave machine .**

1. [cshakya@centosserver install]$ **ansible centosdesktop -i inventory -m copy -a 'content="Managed by Ansible \n" dest=/etc/motd'**

centosdesktop | CHANGED => {

"changed": true,

"checksum": "ba3a4b4b9a888ade9c53c478ab2b956ffde75822",

"dest": "/etc/motd",

"gid": 0,

"group": "root",

"md5sum": "56e539eee5d29fc804a8e70547ca7152",

"mode": "0644",

"owner": "root",

"secontext": "system\_u:object\_r:etc\_t:s0",

"size": 20,

"src": "/home/cshakya/.ansible/tmp/ansible-tmp-1543653641.62-277428753227872/source",

"state": "file",

"uid": 0

}

