1. Verify that your ansible installation is available by displaying the version of ansible while logged in as the 'user' user.

[test@tcox3 ~]$ ansible --version

ansible 1.9.2

  configured module search path = None

2. Run the ansible command that lists all of the hosts configured in your control server 'hosts' file for the system.

[test@tcox3 ~]$ ansible all --list-hosts

    tcox5.mylabserver.com

    localhost

    tcox4.mylabserver.com

3. Create a playbook, using the 'group' module that accomplishes the following:

- Uses SSH

- Logs in to the remote system as 'test' user

- Connects to all the hosts from Step #2 above

- The playbook runs as 'sudo'

- Skip gathering remote facts

- Adds a new group called 'newgroup' to the remote host(s) in Step#2 above if it does not exist

[test@tcox3 Playbooks]$ vim group.yml

[test@tcox3 Playbooks]$ cat group.yml

--- # GROUP MODULE EXAMPLE

- hosts: apacheweb

  user: test

  sudo: yes

  connection: ssh

  gather\_facts: no

  tasks:

    - name: Add a new group called newgroup

      group: name=newgroup state=absent

4. Run the playbook and display the results.

[test@tcox3 Playbooks]$ ansible-playbook group.yml

PLAY [apacheweb] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

TASK: [Add a new group called newgroup] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [tcox4.mylabserver.com]

PLAY RECAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

tcox4.mylabserver.com      : ok=1    changed=0    unreachable=0    failed=0

[test@tcox3 Playbooks]$ ssh tcox4

[test@tcox4 ~]$ cat /etc/group | grep new

newgroup:x:1008: