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 'service' module that accomplishes the following:

- Uses SSH

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

- Connects to one server or group from Step #2 above

- The playbook runs as 'sudo'

- Runs a shell script called 'test.sh' in the remote directory of /home/test/testing (created separately)

[test@tcox3 Playbooks]$ vim command.yml

[test@tcox3 Playbooks]$ cat command.yml

--- # COMMAND MODULE EXAMPLE

- hosts: appserver

  user: test

  sudo: yes

  connection: ssh

  gather\_facts: no

  tasks:

    - name: Check for python packages

      command: /home/test/testing/test.sh

      args:

        chdir: /home/test/testing

(SECOND SERVER)

[test@tcox5 testing]$ cat test.sh

#!/bin/bash

echo "This is a message" > output.txt

4. Run the playbook and display the results.

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

PLAY [appserver] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

TASK: [Check for python packages] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [tcox5.mylabserver.com]

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

tcox5.mylabserver.com      : ok=1    changed=1    unreachable=0    failed=0

(SECOND SERVER)

[test@tcox5 testing]$ ll

total 8

-rw-r--r--. 1 root root 18 Oct  6 15:17 output.txt

-rwxr-xr-x. 1 test test 51 Oct  3 21:34 test.sh