**Exercise: The 'Package' Module**

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

[test@ubuntuvideo ~]$ ansible --version

ansible 2.0.0

  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@ubuntuvideo ~]$ ansible all --list-hosts

    tcox5.mylabserver.com

    localhost

    tcox4.mylabserver.com

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

- Uses SSH

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

- Connects to ALL ansible servers

- The playbook runs as 'sudo'

- Skip gathering remote facts

- Install the Telnet package

test@ubuntuvideo:~/Playbooks/Ansible2$ cat package.yml

--- # ANSIBLE 2.0 PACKAGE MODULE DEMO

- hosts: all

  remote\_user: test

  become: yes

  become\_method: sudo

  connection: ssh

  gather\_facts: yes

  tasks:

  - name: Install Telnet Client on ALL Distribution Types

    package: name=telnet state=present

4. Run the playbook and display the results.

test@ubuntuvideo:~/Playbooks/Ansible2$ ansible-playbook package.yml

PLAY \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

TASK [setup] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [localhost]

ok: [tcox5.mylabserver.com]

ok: [tcox1.mylabserver.com]

ok: [tcox3.mylabserver.com]

ok: [tcox4.mylabserver.com]

TASK [Install Telnet Client on ALL Distribution Types] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [localhost]

changed: [tcox1.mylabserver.com]

changed: [tcox3.mylabserver.com]

changed: [tcox4.mylabserver.com]

changed: [tcox5.mylabserver.com]

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

localhost                  : ok=2    changed=1    unreachable=0    failed=0

tcox1.mylabserver.com      : ok=2    changed=1    unreachable=0    failed=0

tcox3.mylabserver.com      : ok=2    changed=1    unreachable=0    failed=0

tcox4.mylabserver.com      : ok=2    changed=1    unreachable=0    failed=0

tcox5.mylabserver.com      : ok=2    changed=1    unreachable=0    failed=0