**Exercise: The 'HTPasswd' Module**

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 'htpasswd' 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

- Install the 'python-passlib' package as appropriate to the server or group in Step #2 above

- Create a user called 'test' in the web site authentication file called .htpasswd on the remote system in Step #2 above

[test@tcox3 Playbooks]$ vim htpasswd.yml

[test@tcox3 Playbooks]$ cat htpasswd.yml

--- # HTPASSWD MODULE EXAMPLE

- hosts: aptserver

  user: test

  sudo: yes

  connection: ssh

  gather\_facts: no

  tasks:

    - name: Install the python dependencies

      apt: pkg=python-passlib state=latest

    - name: Adding a user to web site authentication

      htpasswd: path=/etc/apache2/.htpasswd name=test2 state=present

4. Run the playbook and display the results.

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

PLAY [aptserver] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

TASK: [Install the python dependencies] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [tcox1.mylabserver.com]

TASK: [Adding a user to web site authentication] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [tcox1.mylabserver.com]

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

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