**Exercise: Playbooks - Loops**

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 concepts discussed in the LOOP video:

- 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'

- Skip gathering remote facts

- Defines a list of users within the playbook, using the 'user' module, iterates through that list of users, adding them all to the remote system

[test@tcox3 Playbooks]$ vim loop.yml

[test@tcox3 Playbooks]$ cat loop.yml

--- # LOOP Playbook Example

- hosts: apacheweb

  user: test

  sudo: yes

  connection: ssh

  gather\_facts: no

  tasks:

    - name: Add a list of users

      user: name={{ item }} state=present

      with\_items:

        - user1

        - user2

        - user3

4. Run the playbook and display the results.

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

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

TASK: [Add a list of users] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [tcox4.mylabserver.com] => (item=user1)

ok: [tcox4.mylabserver.com] => (item=user2)

ok: [tcox4.mylabserver.com] => (item=user3)

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

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

[test@tcox3 Playbooks]$ ssh tcox4

Last login: Wed Oct 14 15:22:34 2015 from ec2-52-91-231-138.compute-1.amazonaws.com

[test@tcox4 ~]$ cat /etc/passwd| grep user

user1:x:1005:1005::/home/user1:/bin/bash

user2:x:1006:1006::/home/user2:/bin/bash

user3:x:1007:1007::/home/user3:/bin/bash

