**Exercise: The 'SEBoolean' 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 'seboolean' 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'

- Skip gathering remote facts

- Change the remote SELinux boolean value for 'http anonymous writes' to enabled, making it persistent on reboot

[test@tcox3 Playbooks]$ vim seboolean.ym

[test@tcox3 Playbooks]$ cat seboolean.ym

--- # SEBOOLEAN MODULE EXAMPLE

- hosts: apacheweb

  user: test

  sudo: yes

  connection: ssh

  gather\_facts: no

  tasks:

    - name: Change Boolean for Anonymous Writes on the Web Server

      seboolean: name=httpd\_anon\_write state=yes persistent=yes

4. Run the playbook and display the results.

[test@tcox3 Playbooks]$ ansible-playbook seboolean.ym

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

TASK: [Change Boolean for Anonymous Writes on the Web Server] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [tcox4.mylabserver.com]

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

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

[test@tcox3 Playbooks]$ ssh tcox4

Last login: Wed Oct 14 15:07:16 2015 from ec2-52-91-231-138.compute-1.amazonaws.com

[test@tcox4 ~]$ getsebool httpd\_anon\_write

httpd\_anon\_write --> on