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 directory structure using the content directions from the Roles series and in our previous exercises, in the subdirectory called 'handlers' do the following:

- Create a YAML File called 'main.yml'

- Add a named task that uses the 'service' module to restart the service created from our previous exercise (httpd)

- Create a top level playbook called 'webservers.yml' that has the appropriate user (test), sudo rights, gathering facts set to no and runs over SSH and includes the 'webservers' role we created earlier

[test@tcox3 roles]$ cat webservers/handlers/main.yml

- name: Restart HTTPD

  service: name=httpd state=restarted

[test@tcox3 roles]$ cat webservers.yml

--- # Master Playbook for Web Servers

- hosts: apacheweb

  user: test

  sudo: yes

  connection: ssh

  roles:

  - webservers

4. Run the playbook and display the results.

[test@tcox3 roles]$ ansible-playbook webservers.yml

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

GATHERING FACTS \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [tcox4.mylabserver.com]

TASK: [When did the ROLE start] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [tcox4.mylabserver.com]

TASK: [redhat\_webservers | Install (Red Hat/CentOS) Apache Web Server] \*\*\*\*\*\*\*\*

ok: [tcox4.mylabserver.com]

TASK: [redhat\_webservers | Restarting the HTTPD Service] \*\*\*\*\*\*\*\*

ok: [tcox4.mylabserver.com]

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

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