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 an abitrary configuration file called test.conf.j2 that contains:

- references to at least three variables that are passed in at the command line or from within a playbook

- reference to one variable that can be gathered when remote facts are obtained

- Display the result.

[test@tcox3 files]$ vim test.conf.j2

[test@tcox3 files]$ cat test.conf.j2

# Configuration for our custom widget

  ConnectionType {{ connectionType }}

  Username {{ userName }}

  Password {{ userPassword }}

  DistributionType {{ ansible\_os\_family }}

NOTE THAT THIS IS ONE EXAMPLE, YOUR EXAMPLE CAN AND PROBABLY WILL VARY, THIS IS JUST AN EXAMPLE

**Exercise: Playbooks - Using Templates**

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 'TEMPLATE' concepts from the video:

- Uses local connection

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

- Connects to the localhost

- The playbook runs as 'sudo'

- Sets variables that match those referenced in the previously created template file (see previous exercise)

- Installs the template configuration file created earlier to the /home/test/test.conf file, setting user/group ownership to 'test' and the file permissions 750

[test@tcox3 files]$ vim test.yml

[test@tcox3 files]$ cat test.yml

--- # Testing the J2 Template Module

- hosts: apacheweb:debian

  connection: ssh

  user: test

  sudo: yes

  gather\_facts: yes

  vars:

    userName: test

    userPassword: password123

    connectionType: SFTP

  tasks:

    - name: Install the configuration file customized for the system

      template: src=test.conf.j2 dest=/home/test/test.conf owner=test group=test mode=750

4. Run the playbook and display the results

[test@tcox3 files]$ ansible-playbook test.yml

PLAY [apacheweb:debian] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

ok: [tcox4.mylabserver.com]

ok: [tcox1.mylabserver.com]

TASK: [Install the configuration file customized for the system] \*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [tcox1.mylabserver.com]

ok: [tcox4.mylabserver.com]

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

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

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

Now we can see in nodes

