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 'service' 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

- Sets a local variable in the appropriate section called 'playbook\_version' set to some arbitrary value

- Sets a 'fact' in the appropriate section called 'singlefact' to some other arbitrary value

- Uses the debug statement to print out, in JSON format, both of those values

[test@tcox3 Playbooks]$ vim setfact.yml

[test@tcox3 Playbooks]$ cat setfact.yml

--- # SET\_FACT MODULE EXAMPLE

- hosts: appserver

  sudo: yes

  user: test

  connection: ssh

  gather\_facts: no

  vars:

    playbook\_version: 0.1

  tasks:

    - name: Local Variable Display

      set\_fact:

        singlefact: SOMETHING

    - debug: msg={{ playbook\_version }}

    - debug: msg={{ singlefact }}

4. Run the playbook and display the results.

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

PLAY [appserver] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

TASK: [Local Variable Display] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [tcox5.mylabserver.com]

TASK: [debug msg={{ playbook\_version }}] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [tcox5.mylabserver.com] => {

    "msg": "0.1"

}

TASK: [debug msg={{ singlefact }}] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ok: [tcox5.mylabserver.com] => {

    "msg": "SOMETHING"

}

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

tcox5.mylabserver.com      : ok=3    changed=0    unreachable=0    failed=0