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 'script' 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

- Executes a local script called 'system\_uptime.sh' on the remote system in Step #2, but ONLY if the log file 'uptime.log' exists already.

[test@tcox3 Playbooks]$ vim script.yml

[test@tcox3 Playbooks]$ cat script.yml

--- # SCRIPT MODULE EXAMPLE

- hosts: apacheweb

  user: test

  connection: ssh

  sudo: yes

  gather\_facts: no

  tasks:

  - script: /home/test/Playbooks/system\_uptime.sh creates=/home/test/uptime.log

4. Create a script locally (on the control server) called 'system\_uptime.sh'. This script should execute the uptime command and log the output to a file called 'uptime.log' in the /home/test directory.

[test@tcox3 Playbooks]$ cat system\_uptime.sh

#!/bin/bash

/usr/bin/uptime > /home/test/uptime.log

5. Run the playbook and display the results both when the remote log files exists and when it does not.

(WHEN FILE EXISTS)

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

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

TASK: [script /home/test/Playbooks/system\_uptime.sh creates=/home/test/uptime.log] \*\*\*

ok: [tcox4.mylabserver.com]

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

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

(WHEN FILE DOES NOT)

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

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

TASK: [script /home/test/Playbooks/system\_uptime.sh creates=/home/test/uptime.log] \*\*\*

changed: [tcox4.mylabserver.com]

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

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