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 DOES NOT runs as 'sudo'

- Creates a cron job, as the test user, that lists the contents of /var/log on the remote system at 1am every day, and logs the output to a file in /home/test called 'cron.log'. Name the job 'list dirs' as part of the command.

[test@tcox3 Playbooks]$ vim cron.yml

[test@tcox3 Playbooks]$ cat cron.yml

--- # CRON MODULE EXAMPLE

- hosts: apacheweb

  user: test

  connection: ssh

  gather\_facts: no

  tasks:

    - name: Add a CRON Job to the Test User

      cron: name="list dirs" minute="0" hour="1" job="ls -al /var/log > /home/test/cron.log"

4. Run the playbook and display the results.

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

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

TASK: [Add a CRON Job to the Test User] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

changed: [tcox4.mylabserver.com]

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

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

(SECOND SERVER)

[test@tcox4 ~]$ crontab -l

#Ansible: list dirs

0 1 \* \* \* ls -al /var/log > /home/test/cron.log

