**Exercise: The 'Mount' Module**

[](https://linuxacademy.com/cp)Trial

[skrajibulhuda786@gmail.com](https://linuxacademy.com/cp/exercises/view/id/205/module/59)

[Support](https://linuxacademy.com/cp/exercises/view/id/205/module/59)

[Fall Content Releases](https://linuxacademy.com/blog/linuxacademy-com/november-course-launch-the-great-200/)

[102](https://linuxacademy.com/cp/exercises/view/id/205/module/59)

35

* [Home](https://linuxacademy.com/cp)
* [Training](https://app.linuxacademy.com/learning-center)
* [Cloud Servers](https://linuxacademy.com/cp/exercises/view/id/205/module/59)
* [Quick Training](https://linuxacademy.com/cp/library/catalog/view/QuickTraining)
* [Hands-on Labs](https://linuxacademy.com/cp/library/catalog/view/LiveLabs)
* [Learning Paths](https://linuxacademy.com/cp/learningpaths)
* [Community](https://linuxacademy.com/cp/exercises/view/id/205/module/59)

[Return to Syllabus](https://linuxacademy.com/cp/modules/view/id/59)

## Exercise: The 'Mount' Module

[Exercise Instructions](https://linuxacademy.com/cp/exercises/view/id/205/module/59)

[Solution](https://linuxacademy.com/cp/exercises/view/id/205/module/59#/)

[Mark as Completed](https://linuxacademy.com/cp/exercises/view/id/205/module/59#/)

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 'mount' module that accomplishes the following:

- Uses SSH

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

- Connects to all the hosts from Step #2 above

- The playbook runs as 'sudo'

- Skip gathering remote facts

- Mount the filesystem device that was formatted in the previous 'filesystem' exercise (see the NOTE above for more information) in the /mnt/data directory, make sure you indicate the ext3 filesystem and mount it explicitly 'read/write'

[test@tcox3 Playbooks]$ vim mount.yml   
[test@tcox3 Playbooks]$ cat mount.yml   
--- # MOUNT MODULE EXAMPLE  
- hosts: appserver  
  user: test  
  sudo: yes  
  connection: ssh  
  gather\_facts: no  
  tasks:  
    - name: mount the remote data partition  
      mount: name=/mnt/data src=/dev/xvdf1 fstype=ext3 opts=rw state=present

4. Run the playbook and display the results.

[test@tcox3 Playbooks]$ ansible-playbook mount.yml   
  
PLAY [appserver] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
  
TASK: [mount the remote data partition] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
ok: [tcox5.mylabserver.com]  
  
PLAY RECAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*   
tcox5.mylabserver.com      : ok=1    changed=1    unreachable=0    failed=0

</div></div>