

monter un LVM via 2 playbook

Playbook monter un lvm sur /data

```
---
- name: Post-configure machine
  hosts: virtual_machines
  become: yes
  gather_facts: yes

  vars:
    data_devices:
      - /dev/sdb

  tasks:
    - name: Create volume group 'Vodata'
      community.general.lvg:
        vg: Vodata
        pvs: "{{ data_devices|join(',') }}"

    - name: Create logical volume 'data'
      community.general.lvol:
        lv: data
        vg: Vodata
        size: +100%FREE
        resizefs: yes
        force: yes

    - name: Format /data
      community.general.filesystem:
        dev: /dev/VGdata/data
        fstype: xfs
        opts: "{{ additional_options }}"
      vars:
```

```
additional_options: >-  
  -i metadata_csum,64bit  
  {% if ansible_kernel.version|version_compare('3.18', '>=') %}  
  -i delalloc  
  {% endif %}
```

```
- name: Mount /data  
ansible.posix.mount:  
  path: /data  
  src: LABEL=DATA  
  fstype: xfs  
  opts: rw,defaults  
  passno: 2  
  state: mounted
```

Playbook gestion création entre 2 stockage de lvm : playbook pour la certification RHCE.

```
---  
  
name: create lvm in the system  
become: true  
hosts: all  
  
tasks:  
  - name: Create LVM data as 1500MB  
    block:  
      - name: Create LVM data  
        community.general.lvol:  
          vg: research  
          lv: data  
          size: 1500M  
        when: ansible_lvm.vgs.research.size_gb > 1500  
      - name:  
        block:
```

```
- debug:
    msg: "The Required size of lv is less then 1500 MB so creating a 800 MB LVM"
when: ansible_lvm.vgs.research.size_gb < 1500 and ansible_lvm.vgs.research.size_gb > 800
- name: Create LVM Data as 800MB
  community.general.lvol:
    vg: research
    lv: data
    size: 800M
  when: ansible_lvm.vgs.research.size_gb < 1500
- name: create file system on lvm
  block:
    - community.general.filesystem:
        fstype: ext4
        dev: /dev/research/data
      when: ansible_lvm.vgs.research is defined
- name:
  block:
    - debug:
        msg: "The Required Volume Group does not exists in this system"
      when: ansible_lvm.vgs.research is not defined
```

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