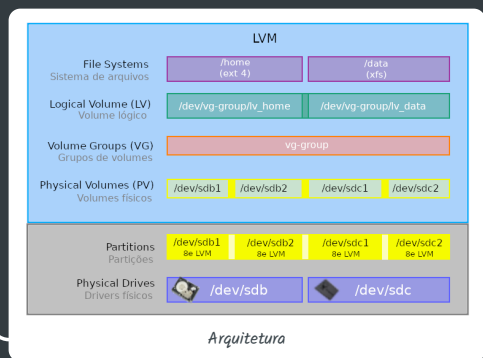


- `#mount <dispositivo> <ponto montagem>. Ex::`
 - `#mkdir lv_home`
 - `#mount /dev/vg-group/lv_home /lv_home`
- `#lvextend -L <tamanho> <LV>. Ex::`
 - `#lvextend -L +500M /dev/vg-group/lv_home`
 - `#resize2fs /dev/vg-group/lv_home`
- `#vgextend <nome volume> <particao>. Ex::`
 - `#vgextend vg-group /dev/sdb2`
 - `#vgdisplay`
- `#lsblk`

Instalação

Pacote "lvm2"

#apt-get install lvm2



- (PV)-Volume Físico (Physical Volume)
 - `#pvcreate <particao> .Ex::`
 - `#pvcreate /dev/sdb1`
 - `#pvcreate /dev/sdc1`
 - `#pvs ou pvdisplay`
- (VG) - Grupo Volume (Volume Group)
 - `#vgcreate <vg-nome> <dispositivo>. Ex::`
 - `#vgcreate vg-group /dev/sdb1`
 - `#vgextend vg-group /dev/sdc1`
 - `#vgs ou vgdisplay`
- (LV)-Volume Lógico (Logical Volume)
 - `#lvcreate -n <nome> -L <tamanho> <volume group>. Ex::`
 - `#lvcreate -n lv_home -L 1G vg-group`
 - `#lvcreate -n lv_data -L 2G vg-group`
 - `#lvs ou lvdisplay`
 - Formatar o volume lógico. Ex::
 - `#mkfs.ext4 /dev/vg-group/lv_home`
 - `#mkfs.xfs /dev/vg-group/lv_data`

LVM

1. Instalação

1.1. Pacote "lvm2" #apt-get install lvm2

2. Arquitetura

2.1. (PV)-Volume Físico (Physical Volume)

2.1.1. #pvcreate <particao> .Ex:: #pvcreate /dev/sdb1 #pvcreate /dev/sdc1

2.1.2. #pvs ou pvdisplay

2.2. (VG) - Grupo Volume (Volume Group)

2.2.1. #vgcreate <vg-nome> <dispositivo>. Ex:: - #vgcreate vg-group /dev/sdb1 - #vgextend vg-group /dev/sdc1

2.2.2. #vgs ou vgdisplay

2.3. (LV)-Volume Lógico (Logical Volume)

2.3.1. #lvcreate -n <nome> -L <tamanho> <volume group>. Ex:: - #lvcreate -n lv_home -L 1G vg-group - #lvcreate -n lv_data -L 2G vg-group

2.3.2. #lvs ou lvdisplay

2.3.3. Formatar o volume lógico. Ex:: - #mkfs.ext4 /dev/vg-group/lv_home - #mkfs.xfs /dev/vg-group/lv_data

3. Manipulação

3.1. Montar partição

3.1.1. #mount <dispositivo> <ponto montagem>. Ex:: #mkdir lv_home #mount /dev/vg-group/lv_home /lv_home

3.2. Aumentar LV

3.2.1. #lvextend -L <tamanho> <LV>. Ex:: #lvextend -L +500M /dev/vg-group/lv_home #resize2fs /dev/vg-group/lv_home

3.3. Aumentar VG

3.3.1. #vgextend <nome volume> <particao>. Ex:: #vgextend vg-group /dev/sdb2 #vgdisplay

3.4. Visualizar Estrutura

3.4.1. #sblk