Padronização da instalação do servidor: ptispo01dc01

```
8GB
/dev/sda - OS
                          RAID1 LVM
/dev/sdb - OS
                    8GB
                          RAID1 LVM
/dev/sdc - Files
                   10GB
                          RAID1 LVM
/dev/sdd - Files
                   10GB
                          RAID1 LVM
/dev/sde - Backup-
                   15GB
                          SRAID LVM
```

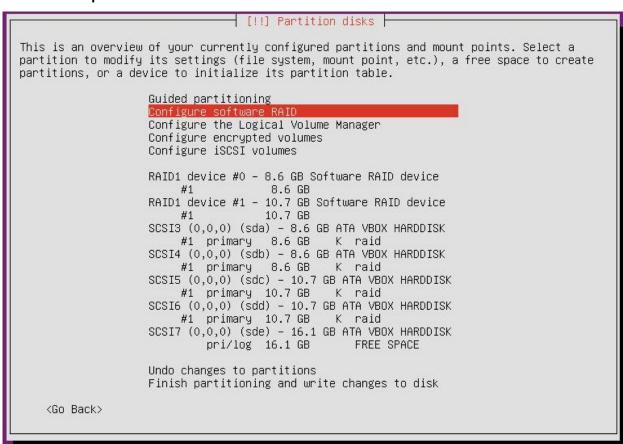
Discos não ativados:

```
[!!] Partition disks
This is an overview of your currently configured partitions and mount points. Select a
partition to modify its settings (file system, mount point, etc.), a free space to create
partitions, or a device to initialize its partition table.
                    Guided partitioning
                    Configure iSCSI volumes
                    SCSI3 (0,0,0) (sda) - 8.6 GB ATA VBOX HARDDISK
                    SCSI4 (0,0,0) (sdb) - 8.6 GB ATA VBOX HARDDISK
                    SCSI5 (0,0,0) (sdc) - 10.7 GB ATA VBOX HARDDISK
                    SCSI6 (0,0,0) (sdd) - 10.7 GB ATA VBOX HARDDISK
                    SCSI7 (0,0,0) (sde) - 16.1 GB ATA VBOX HARDDISK
                    Undo changes to partitions
                    Finish partitioning and write changes to disk
    <Go Back>
```

Discos após a ativação:

```
[!!] Partition disks
This is an overview of your currently configured partitions and mount points. Select a
partition to modify its settings (file system, mount point, etc.), a free space to create
partitions, or a device to initialize its partition table.
                   Guided partitioning
                   Configure software RAID
                   Configure the Logical Volume Manager
                   Configure encrypted volumes
                   Configure iSCSI volumes
                   SCSI3 (0,0,0) (sda) – 8.6 GB ATA VBOX HARDDISK
                          pri/log 8.6 GB FREE SPACE
                   SCSI4 (0,0,0) (sdb) - 8.6 GB ATA VBOX HARDDISK
                          pri/log
                                   8.6 GB
                                               FREE SPACE
                   SCSI5 (0,0,0) (sdc) - 10.7 GB ATA VBOX HARDDISK
                          pri/log 10.7 GB
                                               FREE SPACE
                   SCSI6 (0,0,0) (sdd) - 10.7 GB ATA VBOX HARDDISK
                          pri/log 10.7 GB
                                               FREE SPACE
                   SCSI7 (0,0,0) (sde) - 16.1 GB ATA VBOX HARDDISK
                          pri/log 16.1 GB
                                                FREE SPACE
                   Undo changes to partitions
                   Finish partitioning and write changes to disk
    <Go Back>
```

Criação dos RAID-1 nos dicos: /dev/sda com /dev/sdb e /dev/sdc com /dev/sdd, disco /dev/sde não vai fazer parte do RAID-1.



Configuração dos Grupos e Volumes do LVM:

/ root 4GB Ext4 Defaults, Barrier=1 Ext4 Noexec, Nosuid, Nodev /tmp 512MB /swap 512MB Swap /var 3GB Ext4 Defaults, Barrier=1 files /arquivos 10GB Ext4 Defaults, Barrier=1, Grpquota, Usrquota Defaults, Barrier=1 bkp /backup 15GB Ext4

Criação dos grupos de volumes:

| Current LV | M configuration: | |
|---|------------------|------------------------|
| * none | | |
| Volume groups: | | |
| * bkp | 2450 25454 | (16101MB) |
| Uses physical volume:* files | /dev/sde1 | (16101MB) (10724MB) |
| - Uses physical volume: | /dev/md1 | (10724MB) |
| * root | | (8581MB) |
| – Uses physical volume: | /dev/md0 | (8581MB) |
| * root | | (8581 |

Criação dos volumes lógicos:

```
[!!] Partition disks
                     Current LVM configuration:
Unallocated physical volumes:
  * none
Volume groups:
  * bkp
                                                              (16101MB)

    Uses physical volume:

                                       /dev/sde1
                                                              (16101MB)
    – Provides logical volume:
                                       backup
                                                              (16101MB)
  * files
                                                              (10724MB)

    Uses physical volume:

                                       /dev/md1
                                                              (10724MB)

    Provides logical volume:

                                       arquivos
                                                              (10724MB)
  * root
                                                              (8581MB)

    Uses physical volume:

                                       /dev/md0
                                                              (8581MB)
    - Provides logical volume:
                                       raiz
                                                              (3997MB)
    - Provides logical volume:
                                       swap
                                                              (511MB)
    - Provides logical volume:
                                       tmp
                                                              (511MB)
    - Provides logical volume:
                                                              (3560MB)
                                       var
                              <Continue>
```

Finalização do LVM

```
Summary of current LVM configuration:

Free Physical Volumes: 0
Used Physical Volumes: 3
Volume Groups: 3
Logical Volumes: 6

LVM configuration action:

Display configuration details
Delete logical volume

Finish

<Go Back>
```

Formatação das partições:

```
[!!] Partition disks
This is an overview of your currently configured partitions and mount points. Select a
partition to modify its settings (file system, mount point, etc.), a free space to create
partitions, or a device to initialize its partition table.
           Guided partitioning
           Configure software RAID
           Configure the Logical Volume Manager
           Configure encrypted volumes
           Configure iSCSI volumes
           LVM VG bkp, LV backup – 16.1 GB Linux device-mapper (linear)
                #1
                             16.1 GB f ext4 /backup
           LVM VG files, LV arquivos – 10.7 GB Linux device-mapper (linear)
                             10.7 GB
                                      f ext4
                                                  /arquivos
           LVM VG root, LV raiz - 4.0 GB Linux device-mapper (linear)
                              4.0 GB f ext4
                #1
           LVM VG root, LV swap – 511.7 MB Linux device-mapper (linear)
                #1
                             511.7 MB f swap
           LVM VG root, LV tmp - 511.7 MB Linux device-mapper (linear)
                             511.7 MB
                                      f ext4
                                                  /tmp
                #1
           LVM VG root, LV var – 3.6 GB Linux device-mapper (linear)
                              3.6 GB f ext4
           RAID1 device #0 - 8.6 GB Software RAID device
                              8.6 GB
                                      K 1vm
           RAID1 device #1 - 10.7 GB Software RAID device
                              10.7 GB
                                      K 1vm
           SCSI3 (0,0,0) (sda) - 8.6 GB ATA VBOX HARDDISK
                              8.6 GB K raid
                #1 primary
    <Go Back>
```

Tabela final das partições:

```
[!!] Partition disks
If you continue, the changes listed below will be written to the disks. Otherwise, you
will be able to make further changes manually.
The partition tables of the following devices are changed:
   LVM VG bkp, LV backup
  LVM VG files, LV arquivos
LVM VG root, LV raiz
   LVM VG root, LV swap
   LVM VG root, LV tmp
   LVM VG root, LV var
The following partitions are going to be formatted:
   LVM VG bkp, LV backup as ext4
   LVM VG files, LV arquivos as ext4
   LVM VG root, LV raiz as ext4
   LVM VG root, LV swap as swap
   LVM VG root, LV tmp as ext4
   LVM VG root, LV var as ext4
Write the changes to disks?
    <Yes>
                                                                                  <No>
```

Configuração do GRUB:

```
You need to make the newly installed system bootable, by installing the GRUB boot loader on a bootable device. The usual way to do this is to install GRUB on the master boot record of your first hard drive. If you prefer, you can install GRUB elsewhere on the drive, or to another drive, or even to a floppy.

Device for boot loader installation:

Enter device manually
/dev/sda (ata-VBOX_HARDDISK_VB4544fb32-f0052d05)
/dev/sdb (ata-VBOX_HARDDISK_VB7b0cfe92-71c3f109)
/dev/sdc (ata-VBOX_HARDDISK_VB1bb35bee-13106f6b)
/dev/sdd (ata-VBOX_HARDDISK_VB8580c041-ec25da8b)
/dev/sde (ata-VBOX_HARDDISK_VB81f6efb-c9136657)

<Go Back>
```

Tabela final do FSTAB:

```
<file system> <mount point>
                                 <tupe> <options>
                                                          <dump> <pass>
/dev/mapper/root-raiz /
                                        ext4
                                                 defaults, barrier=1, errors=remount-ro
                                                                                                  2222
/dev/mapper/files-arquivos /arquivos
                                        ext4
                                                 defaults,barrier=1,grpquota,usrquota
/dev/mapper/bkp-backup /backup
                                        ext4
                                                 defaults
                                                 defaults, noexec, nodev, nosuid
/dev/mapper/root-tmp /tmp
                                        ext4
/dev/mapper/root-var /var
                                                 defaults, barrier=1
                                        ext4
                                                                                                  0
/dev/mapper/root-swap none
                                        swap
```

Padronização de diretórios:

/arquivos /pti.intra

/publica Letra: P: (quota de disco);

/sistema Letra: S: /gestao Letra: G:

/usuarios Letra: U: (quota de disco);

/perfil

/documentos

/backup Letra: Z: (somente admin)

/pti.intra

/samba-ad-dc

/rsync

/sistema /gestao /usuarios

/backup

Trabalhando com Grupos Microsoft:

AGP Account, Group Global and Permission

AGDLP Account, Group Global, Group Domain Local and Permission

AGDLUP Account, Group Global, Group Domain Local, Group Universal and Permission

Tipos de Grupos Microsoft:

SG Security Group
DG Distribution Group

Trabalhando com ACL's (Access Control List):

R Read

RW Read and Write (delete and modify)

FC Full Control

Conceitos da ACL's (Access Control List):

Accept Liberar Drop Bloquear

Reject Negar/Rejeitar (analiso antes)

Filter Filtrar

Tipos de Permissões:

Local NTFS Permissões de disco

Remota SMB/CIFS Permissões de Acesso Remoto \\ (NetBIOS)