

Aqui crio o diretório bases e incluo uma base de dados dentro da produção.

```
(ubuntu) ec2-100-25-217-255.compute-1.amazonaws.com — Konsole
File Edit View Bookmarks Plugins Settings Help
ubuntu@ip-172-31-26-151:~$ sudo mkdir bases && cd bases
ubuntu@ip-172-31-26-151:~/bases$ sudo nano base_download.sh
ubuntu@ip-172-31-26-151:~/bases$ sudo chmod +x base_download.sh
ubuntu@ip-172-31-26-151:~/bases$ sudo ./base_download.sh
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           %             %       Dload  Upload  Total   Spent    Left   Speed
100 1076M  100 1076M    0     0  128M      0  0:00:08  0:00:08  --:--:-- 78.3M
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           %             %       Dload  Upload  Total   Spent    Left   Speed
100 168M  100 168M    0     0  119M      0  0:00:01  0:00:01  --:--:-- 159M
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           %             %       Dload  Upload  Total   Spent    Left   Speed
100 224M  100 224M    0     0  99.3M      0  0:00:02  0:00:02  --:--:-- 113M
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           %             %       Dload  Upload  Total   Spent    Left   Speed
100 230M  100 230M    0     0  139M      0  0:00:01  0:00:01  --:--:-- 157M
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           %             %       Dload  Upload  Total   Spent    Left   Speed
100 889M  100 889M    0     0  156M      0  0:00:05  0:00:05  --:--:-- 162M
ubuntu@ip-172-31-26-151:~/bases$ ls
188-million-us-wildfires.zip  dl-course-data.zip
base_download.sh              gaming-profiles-2025-steam-playstation-xbox.zip
bird-vs-drone.zip             global-fashion-retail-stores-dataset.zip
ubuntu@ip-172-31-26-151:~/bases$
```

Aqui crio um diretório de arquivo para os dados que irei receber da instância de produções

```
(ubuntu) ec2-13-218-237-64.compute-1.amazonaws.com — Konsole
File Edit View Bookmarks Plugins Settings Help
ubuntu@ip-172-31-26-114:~$ sudo mkdir homologacao && sudo mkdir homologacao/bases && cd homologacao/bases
ubuntu@ip-172-31-26-114:~/homologacao/bases$
```

aqui faço a conexão usando Rsync transfiro os arquivos de produção para homologação

(ubuntu) ec2-100-25-217-255.compute-1.amazonaws.com — Konsole

File Edit View Bookmarks Plugins Settings Help

ubuntu@ip-172-31-26-151:~/key\$ sudo rsync -avz -P --inplace -e "ssh -i key-server.pem" ~/bases ubuntu@13.218.237.64:~/homologacao/bases
sending incremental file list
bases/
bases/188-million-us-wildfires.zip
176,270,559 100% 105.31MB/s 0:00:01 (xfr#1, to-chk=5/7)
bases/base_download.sh
655 100% 1.07kB/s 0:00:00 (xfr#2, to-chk=4/7)
bases/bird-vs-drone.zip
1,129,073,439 100% 130.95MB/s 0:00:08 (xfr#3, to-chk=3/7)
bases/dl-course-data.zip
242,157,086 100% 108.42MB/s 0:00:02 (xfr#4, to-chk=2/7)
bases/gaming-profiles-2025-steam-playstation-xbox.zip
932,451,745 100% 138.77MB/s 0:00:06 (xfr#5, to-chk=1/7)
bases/global-fashion-retail-stores-dataset.zip
234,910,599 100% 101.28MB/s 0:00:02 (xfr#6, to-chk=0/7)

sent 2,699,984,036 bytes received 134 bytes 131,702,642.44 bytes/sec
total size is 2,714,864,083 speedup is 1.01
ubuntu@ip-172-31-26-151:~/key\$ |

(ubuntu) ec2-13-218-237-64.compute-1.amazonaws.com — Konsole

File Edit View Bookmarks Plugins Settings Help

ubuntu@ip-172-31-26-114:~/homologacao/bases\$ ls
bases
ubuntu@ip-172-31-26-114:~/homologacao/bases\$ cd bases/
ubuntu@ip-172-31-26-114:~/homologacao/bases/bases\$ ls
188-million-us-wildfires.zip dl-course-data.zip
base_download.sh gaming-profiles-2025-steam-playstation-xbox.zip
bird-vs-drone.zip global-fashion-retail-stores-dataset.zip
ubuntu@ip-172-31-26-114:~/homologacao/bases/bases\$ mv * ../
ubuntu@ip-172-31-26-114:~/homologacao/bases/bases\$ cd ..
cd.: command not found
ubuntu@ip-172-31-26-114:~/homologacao/bases/bases\$ cd ..
ubuntu@ip-172-31-26-114:~/homologacao/bases\$ sudo rm -fr bases
ubuntu@ip-172-31-26-114:~/homologacao/bases\$ ls
188-million-us-wildfires.zip dl-course-data.zip
base_download.sh gaming-profiles-2025-steam-playstation-xbox.zip
bird-vs-drone.zip global-fashion-retail-stores-dataset.zip
ubuntu@ip-172-31-26-114:~/homologacao/bases\$ |

Mudo o SSD da homologação de 8 para 12GB

Volumes | EC2 | us-east-1 - Google Chrome

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Volumes:sort=attachment

Account ID: 4548-8096-9474
vocalby/user4313751+igor.trindade@spitech.school

EC2

Volumes (1/2) Info

Save filter sets
Choose filter set

	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Created	Av
<input type="checkbox"/>	ssd - (app-server-hmg):	vol-08a30a1958e65981d	gp3	12 GiB	3000	125	snap-05ebf17...	2025/09/18 13:14 GMT-3	us
<input checked="" type="checkbox"/>	ssd - (app-server-prod):	vol-0cc26bc38dd083a11	gp3	8 GiB	3000	125	snap-05ebf17...	2025/09/18 13:09 GMT-3	us

Volume ID: vol-0cc26bc38dd083a11 (ssd - (app-server-prod):)

Details

Status checks

Monitoring

Tags

Volume ID
vol-0cc26bc38dd083a11 (ssd - (app-server-prod):)

Size
8 GiB

Type
gp3

Status check
Okay

AWS Compute Optimizer finding
This user is not authorized to call AWS Compute Optimizer. | Retry

Volume state
In-use

IOPS
3000

Throughput
125

Fast snapshot restored
No

Availability Zone
us-east-1a

Created
Thu Sep 18 2025 13:09:03 GMT-03:00 (Brazilia)

Multi-Attach enabled
No

CloudShell

© 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Aqui mostro a alteração após expandir armazenamento

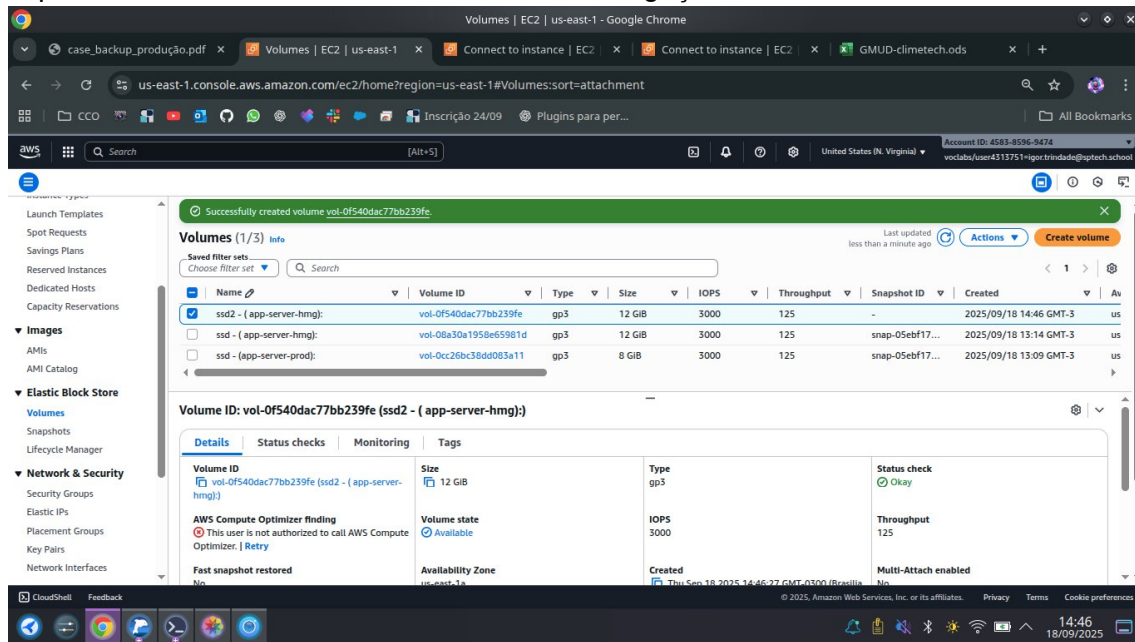
```
(ubuntu) ec2-13-218-237-64.compute-1.amazonaws.com — Konsole
File Edit View Bookmarks Plugins Settings Help
ubuntu@ip-172-31-26-114:~$ df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/root        6.8G  4.3G  2.5G   65% /
tmpfs            956M   0  956M   0% /dev/shm
tmpfs           383M  896K  382M   1% /run
tmpfs            5.0M   0   5.0M   0% /run/lock
efivarfs        128K  3.6K  120K   3% /sys/firmware/efi/efivars
/dev/nvme0n1p16  881M   87M  733M  11% /boot
/dev/nvme0n1p15 105M  6.2M   99M   6% /boot/efi
tmpfs           192M  12K  192M   1% /run/user/1000
ubuntu@ip-172-31-26-114:~$
```

Aqui faço com que o armazenamento deixe de ser 8gb e reconheça os 12 GiB para que eu possa utilizar

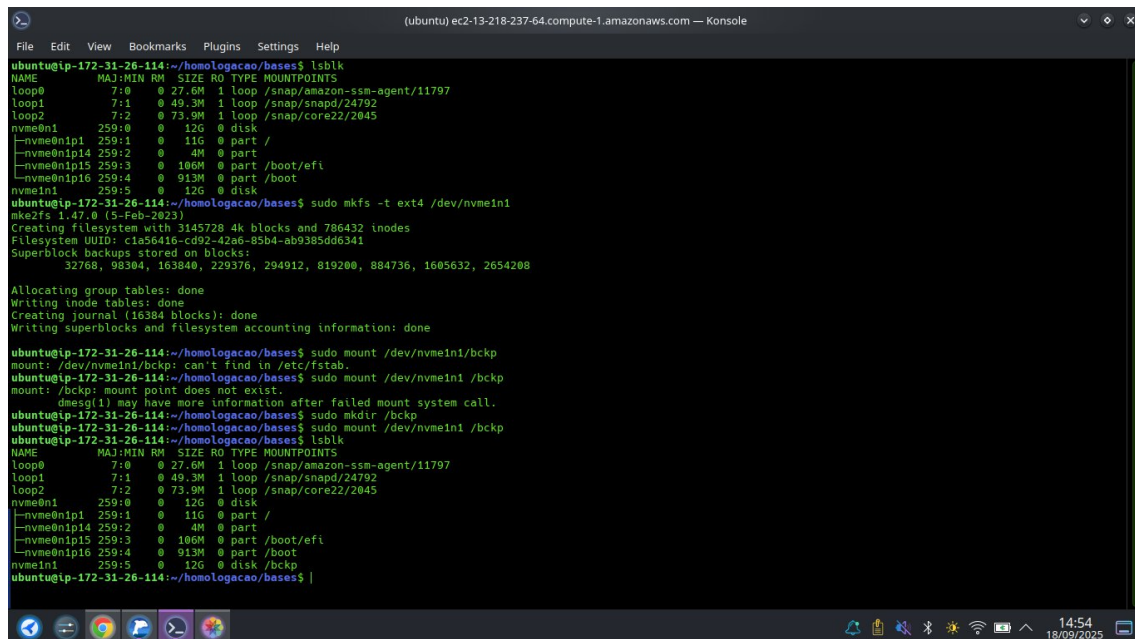
```
(ubuntu) ec2-13-218-237-64.compute-1.amazonaws.com — Konsole
File Edit View Bookmarks Plugins Settings Help
ubuntu@ip-172-31-26-114:~/homologacao/bases$ sudo growpart /dev/nvme0n1 1
NOCHANGE: partition 1 is size 23066591. It cannot be grown
ubuntu@ip-172-31-26-114:~/homologacao/bases$ sudo resize2fs /dev/nvme0n1p1
resize2fs 1.47.0 (5-Feb-2023)
Filesystem at /dev/nvme0n1p1 is mounted on /; on-line resizing required
old_desc_blocks = 1, new_desc_blocks = 2
The filesystem on /dev/nvme0n1p1 is now 2883323 (4k) blocks long.

ubuntu@ip-172-31-26-114:~/homologacao/bases$ df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/root        11G  4.3G  6.3G  41% /
tmpfs            956M   0  956M   0% /dev/shm
tmpfs           383M  896K  382M   1% /run
tmpfs            5.0M   0   5.0M   0% /run/lock
efivarfs        128K  3.6K  120K   3% /sys/firmware/efi/efivars
/dev/nvme0n1p16  881M   87M  733M  11% /boot
/dev/nvme0n1p15 105M  6.2M   99M   6% /boot/efi
tmpfs           192M  12K  192M   1% /run/user/1000
ubuntu@ip-172-31-26-114:~/homologacao/bases$ lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
loop0        7:0    0  27.0M  1 loop /snap/amazon-ssm-agent/11797
loop1        7:1    0  49.3M  1 loop /snap/snapd/24792
loop2        7:2    0  73.9M  1 loop /snap/core22/2045
nvme0n1     259:0    0   12G  0 disk
├─nvme0n1p1 259:1    0   11G  0 part /
├─nvme0n1p14 259:2    0    4M  0 part /
└─nvme0n1p15 259:3    0   106M  0 part /boot/efi
ubuntu@ip-172-31-26-114:~/homologacao/bases$ ok, eu executei p growpart e dei clear em seguida por mania sem querer mas deu tudo ok
```

Aqui incluo um novo disco a instância de homologação.



Crio um file system ext4, crio um ponto de montagem e já crio os diretórios necessários



t

Trago os dados para esta pasta.

```
(ubuntu) ec2-13-218-237-64.compute-1.amazonaws.com — Konsole
File Edit View Bookmarks Plugins Settings Help
ubuntu@ip-172-31-26-114:/bckp$ sudo mkdir -p $(date +%F)
ubuntu@ip-172-31-26-114:/bckp$ cd 2025-09-18/
ubuntu@ip-172-31-26-114:/bckp/2025-09-18$ sudo mv ~/homologacao/bases/ /bckp/2025-09-18/
ubuntu@ip-172-31-26-114:/bckp/2025-09-18$ ls
188-million-us-wildfires.zip  base_download.sh  bird-vs-drone.zip  dl-course-data.zip  gaming-profiles-2025-steam-playstation-xbox.zip  global-fashion-retail-stores-dataset.zip
ubuntu@ip-172-31-26-114:/bckp/2025-09-18$ cd bases/
ubuntu@ip-172-31-26-114:/bckp/2025-09-18/bases$ ls
188-million-us-wildfires.zip  base_download.sh  bird-vs-drone.zip  dl-course-data.zip  gaming-profiles-2025-steam-playstation-xbox.zip  global-fashion-retail-stores-dataset.zip
ubuntu@ip-172-31-26-114:/bckp/2025-09-18/bases$ |
```

Troco o timezone da instância de homologação

```
(ubuntu) ec2-13-218-237-64.compute-1.amazonaws.com — Konsole
File Edit View Bookmarks Plugins Settings Help
ubuntu@ip-172-31-26-114:/bckp/2025-09-18/bases$ timedatectl list-timezones | grep America/5
America/Santa_Isabel
America/Santarem
America/Santiago
America/Santo_Domingo
America/Sao_Paulo
America/Scoresbysund
America/Shiprock
America/Sitka
America/St_Barthelemy
America/St_Johns
America/St_Kitts
America/St_Lucia
America/St_Thomas
America/St_Vincent
America/Swift_Current
ubuntu@ip-172-31-26-114:/bckp/2025-09-18/bases$ timedatectl set-timezone America/Sao_Paulo
==== AUTHENTICATING FOR org.freedesktop.timedate1.set-timezone ====
Authentication is required to set the system timezone.
Authenticating as: Ubuntu (ubuntu)
Password:
==== AUTHENTICATION COMPLETE ====
ubuntu@ip-172-31-26-114:/bckp/2025-09-18/bases$ |
```

Replicando na produção, fazendo a expansão de 8 Gib para 12 e fazendo o resize

```
(ubuntu) ec2-100-25-217-255.compute-1.amazonaws.com — Konsole
File Edit View Bookmarks Plugins Settings Help
ubuntu@ip-172-31-26-151:~$ lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
loop0        7:0      0  27.6M  1 loop /snap/amazon-ssm-agent/11797
loop1        7:1      0  49.3M  1 loop /snap/snapd/24792
loop2        7:2      0  73.9M  1 loop /snap/core22/2045
nvme0n1      259:0    0   12G  0 disk
├─nvme0n1p1  259:1    0    7G  0 part /
├─nvme0n1p4  259:2    0    4M  0 part
├─nvme0n1p5  259:3    0  106M  0 part /boot/efi
└─nvme0n1p6  259:4    0   913M  0 part /boot
ubuntu@ip-172-31-26-151:~$ sudo growpart /dev/nvme0n1 1
CHANGED: partition=1 start=2099200 old: size=14677983 end=16777182 new: size=23066591 end=25165790
ubuntu@ip-172-31-26-151:~$ sudo resize2fs -t /dev/nvme0n1
resize2fs 1.47.0 (5-Feb-2023)
resize2fs: invalid option -- 't'
Usage: resize2fs [-d debug_flags] [-f] [-F] [-M] [-P] [-p] device [-b|--new_size] [-s RAID-stride] [--undo_file]

ubuntu@ip-172-31-26-151:~$ sudo resize2fs /dev/nvme0n1
resize2fs 1.47.0 (5-Feb-2023)
resize2fs: Device or resource busy while trying to open /dev/nvme0n1
Couldn't find valid filesystem superblock.
ubuntu@ip-172-31-26-151:~$ sudo resize2fs /dev/nvme0n1 /
resize2fs 1.47.0 (5-Feb-2023)
resize2fs: Device or resource busy while trying to open /dev/nvme0n1
Couldn't find valid filesystem superblock.
ubuntu@ip-172-31-26-151:~$ ^C
ubuntu@ip-172-31-26-151:~$ sudo resize2fs /dev/nvme0n1p1
resize2fs 1.47.0 (5-Feb-2023)
Filesystem at /dev/nvme0n1p1 is mounted on /; on-line resizing required
old_desc_blocks = 1, new_desc_blocks = 2
The filesystem on /dev/nvme0n1p1 is now 2883323 (4k) blocks long.

ubuntu@ip-172-31-26-151:~$ cd bases/
ubuntu@ip-172-31-26-151:~/bases$ ls
188-million-us-wildfires.zip  dl-course-data.zip
base_download.sh              gaming-profiles-2025-steam-playstation-xbox.zip
bird-vs-drone.zip             global-fashion-retail-stores-dataset.zip
ubuntu@ip-172-31-26-151:~/bases$ |
```

Adicionando novo disco de 12 Gib criando sistema de arquivo e um ponto de montagem

```
nvme0n1      259:0    0   12G  0 disk
├─nvme0n1p1  259:1    0   11G  0 part /
├─nvme0n1p4  259:2    0    4M  0 part
├─nvme0n1p5  259:3    0  106M  0 part /boot/efi
└─nvme0n1p6  259:4    0   913M  0 part /boot
nvme1n1      259:5    0   12G  0 disk
ubuntu@ip-172-31-26-151:~$ sudo mkdir /bckp
ubuntu@ip-172-31-26-151:~$ sudo mkfs ext4 /dev/nvme1n1
mkfs.ext4: invalid blocks '/dev/nvme1n1' on device 'ext4'
ubuntu@ip-172-31-26-151:~$ sudo mkfs.ext4 /dev/nvme1n1
mkfs.ext4 1.47.0 (5-Feb-2023)
Creating filesystem with 3145728 4k blocks and 786432 inodes
Filesystem UUID: b60641dc-2f13-4e04-9356-71df8d43ed77
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376, 294912, 819200, 884736, 1605632, 2654208

Allocating group tables: done
Writing inode tables: done
Creating journal (16384 blocks): done
Writing superblocks and filesystem accounting information: done

ubuntu@ip-172-31-26-151:~$ sudo mount /dev/nvme1n1 /bckp
ubuntu@ip-172-31-26-151:~$ lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
loop0        7:0      0  27.6M  1 loop /snap/amazon-ssm-agent/11797
loop1        7:1      0  49.3M  1 loop /snap/snapd/24792
loop2        7:2      0  73.9M  1 loop /snap/core22/2045
nvme0n1      259:0    0   12G  0 disk
├─nvme0n1p1  259:1    0   11G  0 part /
├─nvme0n1p4  259:2    0    4M  0 part
├─nvme0n1p5  259:3    0  106M  0 part /boot/efi
└─nvme0n1p6  259:4    0   913M  0 part /boot
nvme1n1      259:5    0   12G  0 disk /bckp
ubuntu@ip-172-31-26-151:~$ cd /bckp
```


Criando um diretório e trazendo os dados do servidor de produção para pasta de bckp e mudando o time zone

```
(ubuntu) ec2-100-25-217-255.compute-1.amazonaws.com — Konsole
File Edit View Bookmarks Plugins Settings Help
ubuntu@ip-172-31-26-151:/bckp$ lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
loop0        7:0      0  27.6M  1 loop /snap/amazon-ssm-agent/11797
loop1        7:1      0  49.3M  1 loop /snap/snapd/24792
loop2        7:2      0  73.9M  1 loop /snap/core22/2045
nvme0n1     259:0      0   12G  0 disk 
└─nvme0n1p1  259:1      0   11G  0 part /
└─nvme0n1p4  259:2      0    4M  0 part 
└─nvme0n1p5  259:3      0  106M  0 part /boot/efi
└─nvme0n1p6  259:4      0   913M  0 part /boot
nvme1n1     259:5      0   12G  0 disk /bckp
ubuntu@ip-172-31-26-151:/bckp$ sudo mkdir -p $(date +%F)
ubuntu@ip-172-31-26-151:/bckp$ ls
2025-09-18
ubuntu@ip-172-31-26-151:/bckp$ cd 2025-09-18/
ubuntu@ip-172-31-26-151:/bckp/2025-09-18$ sudo mv ~/bases/* /bckp/2025-09-18/
ubuntu@ip-172-31-26-151:/bckp/2025-09-18$ ls
188-million-us-wildfires.zip  bird-vs-drone.zip  gaming-profiles-2025-steam-playstation-xbox.zip
base_download.sh              dl-course-data.zip  global-fashion-retail-stores-dataset.zip
ubuntu@ip-172-31-26-151:/bckp/2025-09-18$ timedatectl
Local time: Thu 2025-09-18 18:26:20 UTC
Universal time: Thu 2025-09-18 18:26:20 UTC
RTC time: Thu 2025-09-18 18:26:20
Time zone: Etc/UTC (UTC, +0000)
System clock synchronized: yes
NTP service: active
RTC in local TZ: no
ubuntu@ip-172-31-26-151:/bckp/2025-09-18$ sudo timedatectl set-timezone America/Sao_Paulo
ubuntu@ip-172-31-26-151:/bckp/2025-09-18$ timedatectl
Local time: Thu 2025-09-18 15:28:16 -03
Universal time: Thu 2025-09-18 18:28:16 UTC
RTC time: Thu 2025-09-18 18:28:15
Time zone: America/Sao_Paulo (-03, -0300)
System clock synchronized: yes
NTP service: active
RTC in local TZ: no
ubuntu@ip-172-31-26-151:/bckp/2025-09-18$ |
```