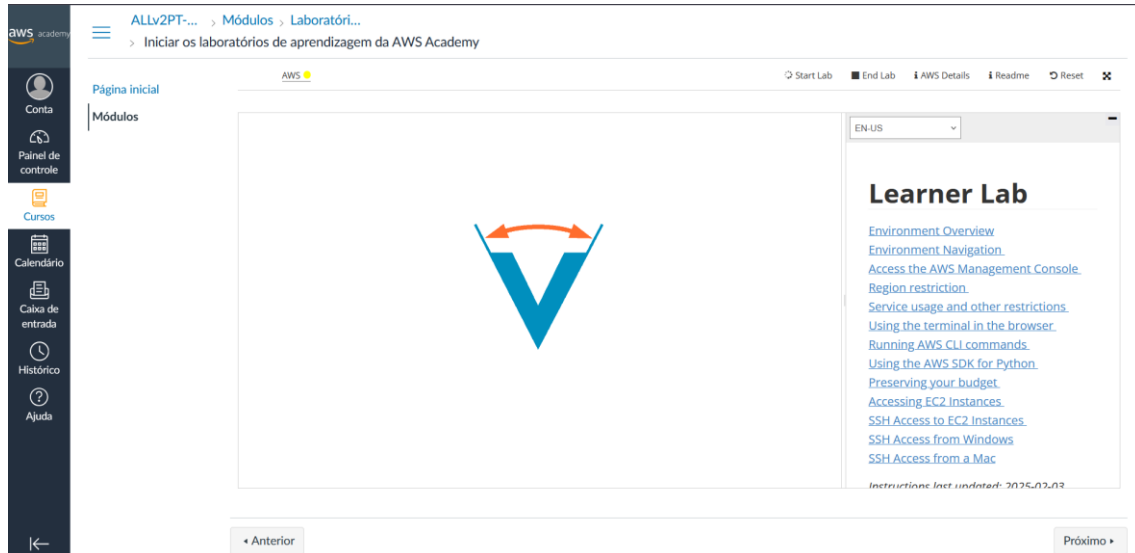


Atividade SO em nuvem criação EC2

Vinicius Aoki Eguchi

RA: 01242095

Start lab:



Conectando no EC2:

```
vinic@Vinicius_Aoki MINGW64 /c/SPTech/SO nuvem/Chaves
$ ssh -i "primeira_chave.pem" ubuntu@ec2-18-209-14-213.compute-1.amazonaws.com
The authenticity of host 'ec2-18-209-14-213.compute-1.amazonaws.com (18.209.14.213)' can't be established.
ED25519 key fingerprint is SHA256:6GmKIZtBXfF5TbFyAMh08dxyBGM0B1b0HB7+A+vENE.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-18-209-14-213.compute-1.amazonaws.com' (ED25519) to the list of known hosts.
Welcome to Ubuntu 24.04.1 LTS (GNU/Linux 6.8.0-1021-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

System information as of Wed Jan 15 08:42:30 UTC 2025

System load:  1.25      Processes:      27
Usage of /home: unknown  Users logged in: 0
Memory usage: 5%       IPv4 address for eth0: 10.10.10.2
Swap usage:   0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-16-240:~$
```

Adduser:

```
ubuntu@ip-172-31-16-240:~$ sudo adduser vinicius
info: Adding user `vinicius' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group `vinicius' (1001) ...
info: Adding new user `vinicius' (1001) with group `vinicius (1001)' ...
info: Creating home directory `/home/vinicius' ...
info: Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for vinicius
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n] y
info: Adding new user `vinicius' to supplemental / extra groups `users' ...
info: Adding user `vinicius' to group `users' ...
ubuntu@ip-172-31-16-240:~$
```

Su:

```
ubuntu@ip-172-31-16-240:~$ su vinicius
Password:
vinicius@ip-172-31-16-240:/home/ubuntu$
```

Sudo passwd nome-do-usuario:

```
ubuntu@ip-172-31-16-240:/ $ sudo passwd ubuntu
New password:
Retype new password:
passwd: password updated successfully
ubuntu@ip-172-31-16-240:/ $
```

Sudo apt update:

```
ubuntu@ip-172-31-16-240:/ $ sudo apt update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:6 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [618 kB]
Get:7 http://security.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 c-n-f Metadata [301 kB]
Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [269 kB]
Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse Translation-en [118 kB]
Get:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB]
Get:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 c-n-f Metadata [8328 B]
Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [866 kB]
Get:14 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [196 kB]
Get:15 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [151 kB]
Get:16 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1015 kB]
Get:17 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [254 kB]
Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [363 kB]
Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [19.9 kB]
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [654 kB]
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [128 kB]
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [16.3 kB]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [3944 B]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [112 B]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [13.4 kB]
Get:29 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [11.4 kB]
Get:30 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [17.7 kB]
Get:31 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1104 B]
Get:32 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [212 B]
Get:33 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 c-n-f Metadata [116 B]
Get:34 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:35 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:36 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [8996 B]
Get:37 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [804 kB]
Get:38 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.0 kB]
Get:39 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [13.5 kB]
Get:40 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [625 kB]
Get:41 http://security.ubuntu.com/ubuntu noble-security/restricted Translation-en [121 kB]
Get:42 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:43 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [112.4 kB]
Get:44 http://security.ubuntu.com/ubuntu noble-security/multiverse Translation-en [2940 B]
Get:45 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:46 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [356 B]
Fetched 32.3 MB in 7s (4957 kB/s)
Reading package lists... Done
Building dependency tree... Done
```

```

insecure-ignore-ssl-verify=yes
install=172-31-36-240 /s sudo apt upgrade
install=172-31-36-240 /s sudo apt upgrade
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
The following packages will be deferred due to phasing:
  landscape-common
The following packages will be upgraded:
  base-files binutils-binutils bintoh-bins bintoh-libs bptrace bsdxtrautils bsdutils eject fdisk kmod klibs-locales libaio164 libattr1 libblkid1 libb64 libbcb2 libbcb2-bin libdrm-common libdrm2
  libdvdread1 libelf1 libfftw3 libfftw3-3 libfftw3-306 libfftw3-306t1 libgcc-error-110 libgcc-error libgccapi-krb5-5 libgdbm-5 libgdbm-dev libgdbm6 libgdbm8 libgdbm13 libgdbm14 libgdbm15 libgdbm16
  libgdbm17 libgdbm18 libgdbm19 libgdbm20 libgdbm21 libgdbm22 libgdbm23 libgdbm24 libgdbm25 libgdbm26 libgdbm27 libgdbm28 libgdbm29 libgdbm30 libgdbm31 libgdbm32 libgdbm33
  libgdbm34 libgdbm35 libgdbm36 libgdbm37 libgdbm38 libgdbm39 libgdbm40 libgdbm41 libgdbm42 libgdbm43 libgdbm44 libgdbm45 libgdbm46 libgdbm47 libgdbm48 libgdbm49 libgdbm50 libgdbm51 libgdbm52
  libgdbm53 libgdbm54 libgdbm55 libgdbm56 libgdbm57 libgdbm58 libgdbm59 libgdbm60 libgdbm61 libgdbm62 libgdbm63 libgdbm64 libgdbm65 libgdbm66 libgdbm67 libgdbm68 libgdbm69 libgdbm70 libgdbm71
  libgdbm72 libgdbm73 libgdbm74 libgdbm75 libgdbm76 libgdbm77 libgdbm78 libgdbm79 libgdbm80 libgdbm81 libgdbm82 libgdbm83 libgdbm84 libgdbm85 libgdbm86 libgdbm87 libgdbm88 libgdbm89 libgdbm90
  libgdbm91 libgdbm92 libgdbm93 libgdbm94 libgdbm95 libgdbm96 libgdbm97 libgdbm98 libgdbm99 libgdbm100 libgdbm101 libgdbm102 libgdbm103 libgdbm104 libgdbm105 libgdbm106 libgdbm107
  libgdbm108 libgdbm109 libgdbm110 libgdbm111 libgdbm112 libgdbm113 libgdbm114 libgdbm115 libgdbm116 libgdbm117 libgdbm118 libgdbm119 libgdbm120 libgdbm121 libgdbm122 libgdbm123
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  libgdbm140 libgdbm141 libgdbm142 libgdbm143 libgdbm144 libgdbm145 libgdbm146 libgdbm147 libgdbm148 libgdbm149 libgdbm150 libgdbm151 libgdbm152 libgdbm153 libgdbm154 libgdbm155
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  libgdbm540 libgdbm541 libgdbm542 libgdbm543 libgdbm544 libgdbm545 libgdbm546 libgdbm547 libgdbm548 libgdbm549 libgdbm550 libgdbm551 libgdbm552 libgdbm553 libgdbm554 libgdbm555
  libgdbm556 libgdbm557 libgdbm558 libgdbm559 libgdbm560 libgdbm561 libgdbm562 libgdbm563 libgdbm564 libgdbm565 lib
```

```

ubuntu@ip-172-31-16-240:~$ top
top - 01:17:06 up 8 min, 1 user, load average: 0.11, 0.23, 0.13
Tasks: 105 total, 1 running, 104 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.3 us, 0.3 sy, 0.0 ni, 83.6 id, 0.0 wa, 0.0 hi, 0.0 si, 15.9 st
MiB Mem : 1963.9 total, 734.3 free, 340.8 used, 1067.7 buff/cache
MiB Swap: 0.0 total, 0.0 free, 0.0 used, 1623.1 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR  S  %CPU  %MEM     TIME+ COMMAND
    26 root        20   0      0      0      0  I   0.3   0.0   0:00.07 kworker/u30:2-flush-202:0
    1 root        20   0  22572  13952  9728  S   0.0   0.7   0:04.38 systemd
    2 root        20   0      0      0      0  S   0.0   0.0   0:00.00 kthreadd
    3 root        20   0      0      0      0  S   0.0   0.0   0:00.00 pool_workqueue_release
    4 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-rcu_g
    5 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-rcu_p
    6 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-slab_
    7 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-nets
    9 root        20   0      0      0      0  I   0.0   0.0   0:00.01 kworker/0:1-events
   10 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/0:0H-events_highpri
   11 root        20   0      0      0      0  I   0.0   0.0   0:00.16 kworker/u30:0-events_power_efficient
   12 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-mm_pe
   13 root        20   0      0      0      0  I   0.0   0.0   0:00.00 rcu_tasks_rude_kthread
   14 root        20   0      0      0      0  I   0.0   0.0   0:00.00 rcu_tasks_trace_kthread
   15 root        20   0      0      0      0  S   0.0   0.0   0:00.17 ksoftirqd/0
   16 root        20   0      0      0      0  I   0.0   0.0   0:00.21 rcu_sched
   17 root        rt   0      0      0      0  S   0.0   0.0   0:00.00 migration/0
   18 root       -51   0      0      0      0  S   0.0   0.0   0:00.00 idle_inject/0
   19 root        20   0      0      0      0  S   0.0   0.0   0:00.00 cpuhp/0
   20 root        20   0      0      0      0  S   0.0   0.0   0:00.00 kdevtmpfs
   21 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-inet_
   22 root        20   0      0      0      0  I   0.0   0.0   0:00.08 kworker/u30:1-events_power_efficient
   23 root        20   0      0      0      0  S   0.0   0.0   0:00.00 kauditd
   24 root        20   0      0      0      0  S   0.0   0.0   0:00.00 khungtaskd
   25 root        20   0      0      0      0  S   0.0   0.0   0:00.00 oom_reaper
   27 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-write
   28 root        20   0      0      0      0  S   0.0   0.0   0:00.01 kcompactd0
   29 root        25   5      0      0      0  S   0.0   0.0   0:00.00 ksmd
   30 root        39  19      0      0      0  S   0.0   0.0   0:00.00 khugepaged
   31 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-kinte
   32 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-kbloc
   33 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-blkcg
   34 root       -51   0      0      0      0  S   0.0   0.0   0:00.00 irq/9-acpi
   35 root        20   0      0      0      0  S   0.0   0.0   0:00.00 xen-balloon
   36 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-tpm_d
   37 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-ata_s
   38 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-md
   39 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-md_bi
   40 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-edac-
   41 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-devfr
   42 root       -51   0      0      0      0  S   0.0   0.0   0:00.00 watchdogd
   43 root        0 -20    0      0      0  I   0.0   0.0   0:00.13 kworker/0:1H-kblockd
   44 root        20   0      0      0      0  S   0.0   0.0   0:00.00 kswapd0
   45 root        20   0      0      0      0  S   0.0   0.0   0:00.00 ecryptfs-kthread
   46 root        0 -20    0      0      0  I   0.0   0.0   0:00.00 kworker/R-kthro

```

```
ubuntu@ip-172-31-16-240:~$ mkdir teste
ubuntu@ip-172-31-16-240:~$ ls
teste
ubuntu@ip-172-31-16-240:~$
```

Cd:

```
ubuntu@ip-172-31-16-240:~$ cd teste
ubuntu@ip-172-31-16-240:~/teste$ cd ..
ubuntu@ip-172-31-16-240:~$
```

Cd.. :

```
ubuntu@ip-172-31-16-240:~$ cd teste
ubuntu@ip-172-31-16-240:~/teste$ cd ..
ubuntu@ip-172-31-16-240:~$
```

Cd /:

```
ubuntu@ip-172-31-16-240:~$ cd /
ubuntu@ip-172-31-16-240:/$
```

Pwd:

```
ubuntu@ip-172-31-16-240:~/teste$ pwd
/home/ubuntu/teste
ubuntu@ip-172-31-16-240:~/teste$
```

Touch:

```
ubuntu@ip-172-31-16-240:~/teste$ touch teste.txt
ubuntu@ip-172-31-16-240:~/teste$ ls
teste.txt
ubuntu@ip-172-31-16-240:~/teste$
```

Rm:

```
ubuntu@ip-172-31-16-240:~/teste$ rm teste.txt
ubuntu@ip-172-31-16-240:~/teste$ ls
ubuntu@ip-172-31-16-240:~/teste$
```

History:

```
ubuntu@ip-172-31-16-240:/$ history
1  exit
2  cd /
3  sudo passwd ubuntu
4  sudo apt update
5  sudo passwd root
6  sudo apt upgrade
7  clear
8  history
ubuntu@ip-172-31-16-240:/$
```

Df -h:

```
ubuntu@ip-172-31-16-240:~$ df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/root        19G   2.0G   17G   11% /
tmpfs            982M   0    982M   0% /dev/shm
tmpfs            393M   888K   392M   1% /run
tmpfs            5.0M   0     5.0M   0% /run/lock
/dev/xvda16      881M   76M   744M  10% /boot
/dev/xvda15      105M   6.1M   99M    6% /boot/efi
tmpfs            197M   12K   197M   1% /run/user/1000
ubuntu@ip-172-31-16-240:~$
```

Du -m:

```
ubuntu@ip-172-31-16-240:~$ du -m teste
1      teste
ubuntu@ip-172-31-16-240:~$
```

Uname -a:

```
ubuntu@ip-172-31-16-240:~$ uname -a
Linux ip-172-31-16-240 6.8.0-1021-aws #23-Ubuntu SMP Mon Dec 9 23:59:34 UTC 2024 x86_64 x86_64 x86_64 GNU/Linux
ubuntu@ip-172-31-16-240:~$
```

History | grep:

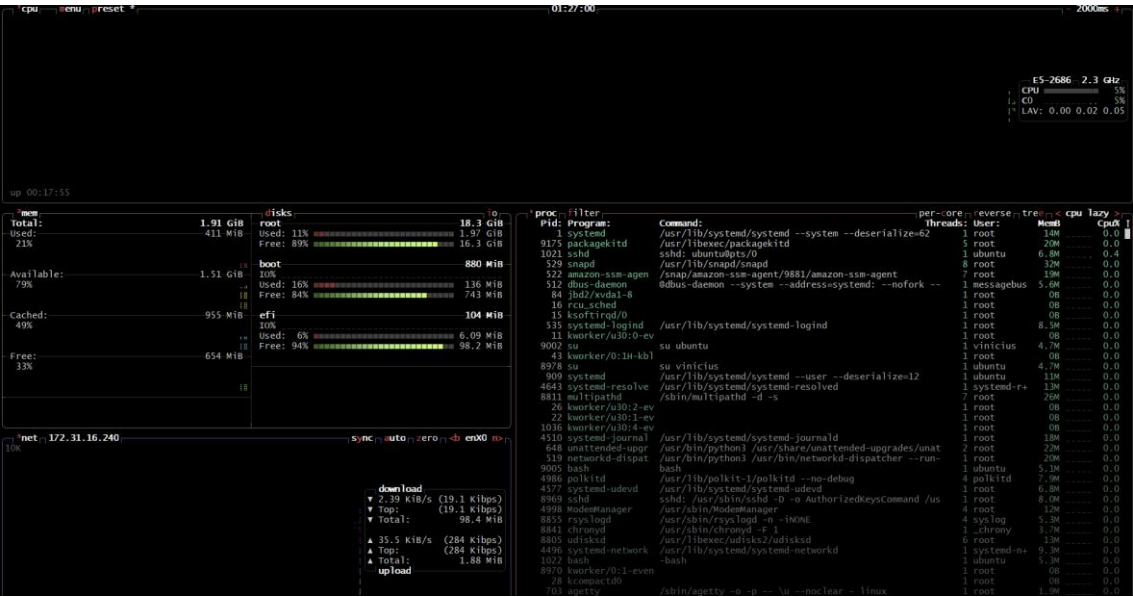
```
ubuntu@ip-172-31-16-240:~$ history|grep cd
6  cd teste
8  cd ..
12 history|grep cd
ubuntu@ip-172-31-16-240:~$
```

Htop:

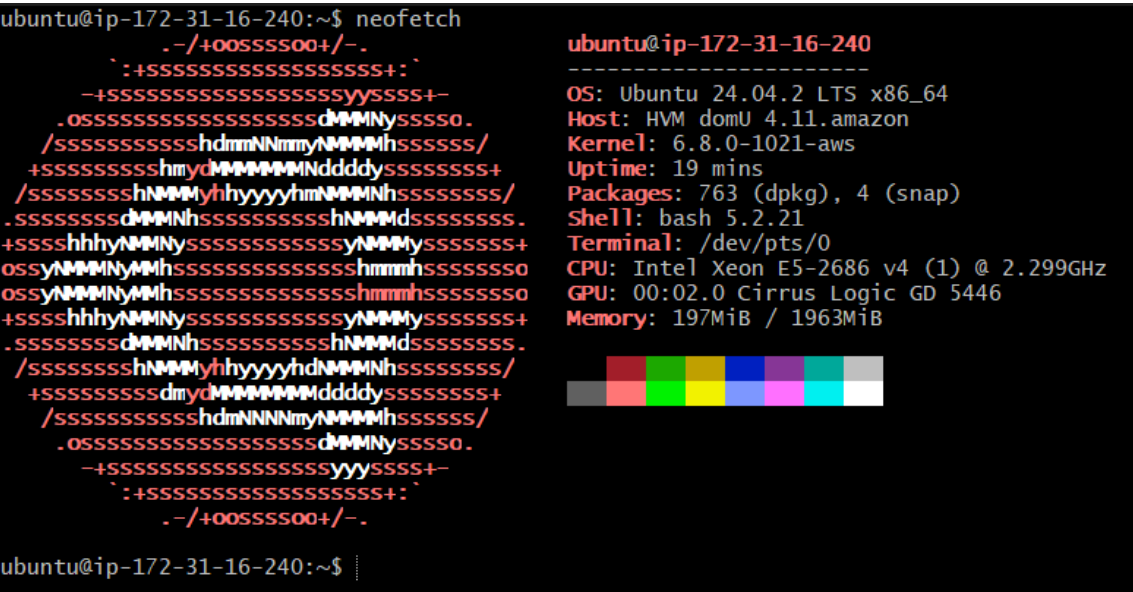
```
CPU: [|||||] 4.2% Tasks: 33, 34 thr, 72 kthr, 1 running
Mem: [|||||] 100%/1.92G Load average: 0.00 0.04 0.07
Swap: [|||||] 0%/0K Uptime: 00:16:39

PID USER     PRI KI VIRT  RES  SHR S CPU% MEM%   TIME+ Command
780 root      20  0 12188 32624 21376 S  0.0 1.6 0:00.00 /usr/lib/snapd/snapd
781 root      20  0 12188 32624 21376 S  0.0 1.6 0:00.00 /usr/lib/snapd/snapd
782 root      20  0 12188 32624 21376 S  0.0 1.6 0:00.16 /usr/lib/snapd/snapd
811 root      20  0 12188 32624 21376 S  0.0 1.6 0:00.02 /usr/lib/snapd/snapd
812 root      20  0 12188 32624 21376 S  0.0 1.6 0:00.18 /usr/lib/snapd/snapd
815 root      20  0 16458 19248 11008 S  0.0 1.0 0:00.01 /snap/amazon-ssm-agent/9881/amazon-ssm-agent
823 root      20  0 16458 19248 11008 S  0.0 1.0 0:00.02 /snap/amazon-ssm-agent/9881/amazon-ssm-agent
824 root      20  0 16458 19248 11008 S  0.0 1.0 0:00.00 /snap/amazon-ssm-agent/9881/amazon-ssm-agent
852 root      20  0 16458 19248 11008 S  0.0 1.0 0:00.00 /snap/amazon-ssm-agent/9881/amazon-ssm-agent
863 root      20  0 16458 19248 11008 S  0.0 1.0 0:00.00 /snap/amazon-ssm-agent/9881/amazon-ssm-agent
869 root      20  0 16458 19248 11008 S  0.0 1.0 0:00.00 /snap/amazon-ssm-agent/9881/amazon-ssm-agent
904 root      20  0 14732 8176 6528 S  0.0 0.4 0:00.00 sshd: ubuntu [priv]
909 ubuntu    20  0 15872 10880 344 S  0.0 0.5 0:00.11 /usr/lib/systemd/systemd --user --deserialize=12
910 ubuntu    20  0 21148 3520 1792 S  0.0 0.2 0:00.00 (sd-pam)
1021 ubuntu    20  0 14888 6940 4992 S  0.0 0.3 0:01.03 ssh: ubuntu@pts/0
1022 ubuntu    20  0 9060 3376 1712 S  0.0 0.3 0:00.03 bash
1356 root      20  0 12188 32624 21376 S  0.0 1.6 0:00.00 /usr/lib/snapd/snapd
4496 systemd-ne 20  0 18984 9472 3320 S  0.0 0.5 0:00.03 /usr/lib/systemd/systemd-networkd
4510 root      19 -1 66696 18688 17664 S  0.0 0.9 0:00.06 /usr/lib/systemd/systemd-journald
4577 root      20  0 25284 6912 4992 S  0.0 0.3 0:00.05 /usr/lib/systemd/systemd-udev
4643 systemd-re 20  0 21584 11056 10880 S  0.0 0.6 0:00.07 /usr/lib/systemd/systemd-resolved
4986 polkitd    20  0 3008 8064 7168 S  0.0 0.4 0:00.04 /usr/lib/polkit-1/polkitd --no-debug
4988 polkitd    20  0 3008 8064 7168 S  0.0 0.4 0:00.01 /usr/lib/polkit-1/polkitd --no-debug
4989 polkitd    20  0 3008 8064 7168 S  0.0 0.4 0:00.00 /usr/lib/polkit-1/polkitd --no-debug
4990 polkitd    20  0 3008 8064 7168 S  0.0 0.4 0:00.00 /usr/lib/polkit-1/polkitd --no-debug
4998 root      20  0 3828 12544 10752 S  0.0 0.6 0:00.04 /usr/sbin/ModemManager
5000 root      20  0 3828 12544 10752 S  0.0 0.6 0:00.00 /usr/sbin/ModemManager
5001 root      20  0 3828 12544 10752 S  0.0 0.6 0:00.00 /usr/sbin/ModemManager
5004 root      20  0 3828 12544 10752 S  0.0 0.6 0:00.00 /usr/sbin/ModemManager
8793 root      20  0 7224 2560 7432 S  0.0 0.1 0:00.00 /usr/sbin/cron -f -P
8796 root      20  0 2720 1920 1792 S  0.0 0.1 0:00.00 /usr/sbin/acpid
8805 root      20  0 4576 13440 11392 S  0.0 0.7 0:00.02 /usr/libexec/udisks2/udisksd
8811 root      RT  0 2188 27008 8704 S  0.0 1.3 0:00.01 /sbin/multipathd -d -s
8816 root      20  0 4576 13440 11392 S  0.0 0.7 0:00.00 /usr/libexec/udisks2/udisksd
8817 root      20  0 4576 13440 11392 S  0.0 0.7 0:00.00 /usr/libexec/udisks2/udisksd
8820 root      20  0 4576 13440 11392 S  0.0 0.7 0:00.00 /usr/libexec/udisks2/udisksd
8821 root      20  0 2188 27008 8704 S  0.0 1.3 0:00.00 /sbin/multipathd -d -s
8822 root      RT  0 2188 27008 8704 S  0.0 1.3 0:00.00 /sbin/multipathd -d -s
8823 root      RT  0 2188 27008 8704 S  0.0 1.3 0:00.00 /sbin/multipathd -d -s
8824 root      RT  0 2188 27008 8704 S  0.0 1.3 0:00.00 /sbin/multipathd -d -s
8825 root      RT  0 2188 27008 8704 S  0.0 1.3 0:00.03 /sbin/multipathd -d -s
8826 root      RT  0 2188 27008 8704 S  0.0 1.3 0:00.00 /sbin/multipathd -d -s
8827 root      20  0 4576 13440 11392 S  0.0 0.7 0:00.00 /usr/libexec/udisks2/udisksd
8839 root      20  0 4576 13440 11392 S  0.0 0.7 0:00.00 /usr/libexec/udisks2/udisksd
8841 chrony     20  0 18400 1748 1072 S  0.0 0.2 0:00.01 /usr/sbin/chronyd -f 1
8843 chrony     20  0 11072 2728 1664 S  0.0 0.1 0:00.00 /usr/sbin/chronyd -f 1
8855 syslog    20  0 2176 5376 4480 S  0.0 0.3 0:00.02 /usr/sbin/rsyslogd -n -iNONE
8856 syslog    20  0 2176 5376 4480 S  0.0 0.3 0:00.00 /usr/sbin/rsyslogd -n -iNONE
8857 syslog    20  0 2176 5376 4480 S  0.0 0.3 0:00.00 /usr/sbin/rsyslogd -n -iNONE
8858 syslog    20  0 2176 5376 4480 S  0.0 0.3 0:00.00 /usr/sbin/rsyslogd -n -iNONE
8869 root      20  0 17020 8192 7168 S  0.0 0.4 0:00.02 sshd: /usr/sbin/sshd -D -o AuthorizedKeysCommand=/usr/share/ec2-instance-connect/eic_run_authorized_keys %u %F -o AuthorizedKeysCommand=/usr/share/
```

Btop:



Neofetch:



Man:

```
MAN(1) Manual pager utils MAN(1)

NAME
  man - an interface to the system reference manuals

SYNOPSIS
  man [man options] [[section] page ...] ...
  man -k [search options] regexp ...
  man -k [man options] [section] term ...
  man -f [format options] page ...
  man -l [man options] file ...
  man -w [-W] [man options] page ...

DESCRIPTION
  man is the system's manual pager. Each page argument given to man is normally the name of a program, utility or function. The manual page associated with each of these arguments is then found and displayed. A section, if provided, will direct man to look only in that section of the manual. The default action is to search in all of the available sections following a pre-defined order (see DEFAULTS), and to show only the first page found, even if page exists in several sections.

  The table below shows the section numbers of the manual followed by the types of pages they contain.

  1 Executable programs or shell commands
  2 System calls (functions provided by the kernel)
  3 Library calls (functions within program libraries)
  4 Special files (usually found in /dev)
  5 File formats and conventions, e.g. /etc/passwd
  6 Games
  7 Miscellaneous (including macro packages and conventions), e.g. man(7), groff(7), man-pages(7)
  8 System administration commands (usually only for root)
  9 Kernel routines [Non standard]

  A manual page consists of several sections.

  Conventional section names include NAME, SYNOPSIS, CONFIGURATION, DESCRIPTION, OPTIONS, EXIT STATUS, RETURN VALUE, ERRORS, ENVIRONMENT, FILES, VERSIONS, STANDARDS, NOTES, BUGS, EXAMPLE, AUTHORS, and SEE ALSO.

  The following conventions apply to the SYNOPSIS section and can be used as a guide in other sections.

  bold text          type exactly as shown.
  italic text        replace with appropriate argument.
  [-abc]              any or all arguments within [ ] are optional.
  -a | -b             options delimited by | cannot be used together.
  argument ...        argument is repeatable.
  (expression) ...    entire expression within [ ] is repeatable.

  Exact rendering may vary depending on the output device. For instance, man will usually not be able to render italics when running in a terminal, and will typically use underlined or coloured text instead.

  The command or function illustration is a pattern that should match all possible invocations. In some cases it is advisable to illustrate several exclusive invocations as is shown in the SYNOPSIS section of this manual page.

EXAMPLES
  man ls
  Display the manual page for the ls(program) ls.

  man man-7
  Display the manual page for macro package man from section 7. (this is an alternative spelling of "man 7 man".)

  man "man(7)"
```

Lsb_release -a:

```
ubuntu@ip-172-31-16-240:~$ lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description:    Ubuntu 24.04.2 LTS
Release:        24.04
Codename:       noble
ubuntu@ip-172-31-16-240:~$
```

Cat:

```
ubuntu@ip-172-31-16-240:~/teste$ cat teste.txt
ubuntu@ip-172-31-16-240:~/teste$ ls
teste.txt
ubuntu@ip-172-31-16-240:~/teste$
```

Cpuid|more:

```
ubuntu@ip-172-31-16-240:~/teste$ cpuid|more
CPU 0:
  vendor_id = "GenuineIntel"
  version information (1/eax):
    processor type = primary processor (0)
    family         = 0x6 (6)
    model          = 0xf (15)
    stepping id    = 0x1 (1)
    extended family = 0x0 (0)
    extended model = 0x4 (4)
    (family synth) = 0x6 (6)
    (model synth)  = 0x4f (79)
  miscellaneous (1/ebx):
    process local APIC physical ID = 0x0 (0)
    maximum IDs for CPUs in pkg    = 0x1 (1)
    CLFLUSH line size              = 0x8 (8)
    brand index                    = 0x0 (0)
  brand id = 0x00 (0): unknown
  feature information (1/edx):
    x87 FPU on chip                = true
    VME: virtual-8086 mode enhancement = true
    DE: debugging extensions       = true
    PSE: page size extensions      = true
    TSC: time stamp counter        = true
    RDMSR and WRMSR support        = true
    PAE: physical address extensions = true
    MCE: machine check exception   = true
    CMPXCHG8B inst.               = true
    APIC on chip                  = true
    SYSENTER and SYSEXIT           = true
    MTRR: memory type range registers = true
    PTE global bit                 = true
    MCA: machine check architecture = true
    CMOV: conditional move/compare instr = true
    PAT: page attribute table      = true
    PSE-36: page size extension    = true
    PSN: processor serial number   = false
    CLFLUSH instruction            = true
    DS: debug store                = false
    ACPI: thermal monitor and clock ctrl = false
    MMX Technology                 = true
    FXSAVE/FXRSTOR                 = true
    SSE extensions                 = true
    SSE2 extensions                = true
    SS: self snoop                 = false
    hyper-threading / multi-core supported = true
    TM: therm. monitor             = false
    IA64                           = false
    PBE: pending break event       = false
  feature information (1/ecx):
    PNI/SSE3: Prescott New Instructions = true
    PCLMULQ instruction                 = true
    DTES64: 64-bit debug store          = false
    MONITOR/MWAIT                      = false
    CPL-qualified debug store           = false
    VMX: virtual machine extensions     = false
    SMX: safer mode extensions          = false
    Enhanced Intel SpeedStep Technology = false
```


Df:

```
ubuntu@ip-172-31-16-240:~/teste$ df
Filesystem      1K-blocks    Used Available Use% Mounted on
/dev/root        19221248 2219652  16985212  12% /
tmpfs            1005520      0    1005520   0% /dev/shm
tmpfs            402208      892    401316   1% /run
tmpfs            5120         0      5120    0% /run/lock
/dev/xvda16      901520     77048    761344  10% /boot
/dev/xvda15      106832      6246    100586   6% /boot/efi
tmpfs            201104       12    201092   1% /run/user/1000
ubuntu@ip-172-31-16-240:~/teste$ |
```

Free:

```
ubuntu@ip-172-31-16-240:~$ free
              total        used        free      shared  buff/cache   available
Mem:           2011040      390644      512608         904      1298460      1620396
Swap:              0           0           0
```

Dmidecode:

```
ubuntu@ip-172-31-16-240:~/teste$ sudo dmidecode
# dmidecode 3.5
Getting SMBIOS data from sysfs.
SMBIOS 2.7 present.
11 structures occupying 378 bytes.
Table at 0x000EB01F.

Handle 0x0000, DMI type 0, 24 bytes
BIOS Information
    Vendor: Xen
    Version: 4.11.amazon
    Release Date: 08/24/2006
    Address: 0xE8000
    Runtime Size: 96 kB
    ROM Size: 64 kB
    Characteristics:
        PCI is supported
        EDD is supported
        Targeted content distribution is supported
    BIOS Revision: 4.11

Handle 0x0100, DMI type 1, 27 bytes
System Information
    Manufacturer: Xen
    Product Name: HVM domU
    Version: 4.11.amazon
    Serial Number: ec2ea449-6065-b852-4bbf-2cb3fa4cb363
    UUID: ec2ea449-6065-b852-4bbf-2cb3fa4cb363
    Wake-up Type: Power Switch
    SKU Number: Not Specified
    Family: Not Specified
```

Hardinfo:

```
ubuntu@ip-172-31-16-240:~/teste$ hardinfo
Computer
  Summary
  Operating System
  Kernel Modules
  Boots
  Languages
  Filesystems
  Display
  Environment Variables
  Development
  Users
  Groups
Devices
  Processor
  Memory
  PCI Devices
  USB Devices
  Printers
  Battery
  Sensors
  Input Devices
  Storage
  DMI
  Memory SPD
  Resources
Network
  Interfaces
  IP Connections
  Routing Table
  ARP Table
  DNS Servers
  Statistics
  Shared Directories
Benchmarks
  CPU Blowfish
  Performing Blowfish benchmark...
```

Inxi -C:

```
ubuntu@ip-172-31-16-240:~/teste$ inxi -C
CPU:
  Info: single core model: Intel Xeon E5-2686 v4 bits: 64 cache: L2: 256 KiB
  Speed (MHz): 2300 min/max: N/A core: 1: 2300
ubuntu@ip-172-31-16-240:~/teste$
```

Likiwid-topology: (não consegui fazer funcionar)

```
ubuntu@ip-172-31-16-240:~$ likiwid-topology -h
Command 'likiwid-topology' not found, did you mean:
  command 'likwid-topology' from deb likwid (5.2.2+dfsg1-2)
Try: sudo apt install <deb name>
ubuntu@ip-172-31-16-240:~$ sudo apt install likiwid-topology
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package likiwid-topology
ubuntu@ip-172-31-16-240:~$ likiwid-topology
Command 'likiwid-topology' not found, did you mean:
  command 'likwid-topology' from deb likwid (5.2.2+dfsg1-2)
Try: sudo apt install <deb name>
ubuntu@ip-172-31-16-240:~$
```

Isccpu: (não consegui fazer funcionar)

```
ubuntu@ip-172-31-16-240:~$ isccpu
Command 'isccpu' not found, did you mean:
  command 'lscpu' from deb util-linux (2.39.3-9ubuntu6.1)
Try: sudo apt install <deb name>
ubuntu@ip-172-31-16-240:~$ sudo apt install isccpu
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package isccpu
ubuntu@ip-172-31-16-240:~$
```

Ishw: (não consegui fazer funcionar)

```
ubuntu@ip-172-31-16-240:~$ ishw
Command 'ishw' not found, did you mean:
  command 'lshw' from deb lshw (02.19.git.2021.06.19.996aaad9c7-2build1)
Try: sudo apt install <deb name>
ubuntu@ip-172-31-16-240:~$ sudo apt install ishw
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package ishw
ubuntu@ip-172-31-16-240:~$
```

Istopo: (não consegui fazer funcionar)

```
ubuntu@ip-172-31-16-240:~$ istopo
Command 'istopo' not found, did you mean:
  command 'lstopo' from deb hwloc (2.10.0-1)
  command 'lstopo' from deb hwloc-nox (2.10.0-1)
Try: sudo apt install <deb name>
ubuntu@ip-172-31-16-240:~$ sudo apt install istopo
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package istopo
ubuntu@ip-172-31-16-240:~$
```

Desconectando do EC2:

```
ubuntu@ip-172-31-16-240:~$ exit
exit
vinicius@ip-172-31-16-240:/home/ubuntu$ exit
exit
ubuntu@ip-172-31-16-240:~$ exit
logout
Connection to ec2-3-85-229-91.compute-1.amazonaws.com closed.

vinic@Vinicius_Aoki MINGW64 /c/SPTech/SO nuvem/Chaves
$
```

Desassociando volume:

The screenshot shows the AWS Management Console interface. On the left is a navigation menu with categories like 'Solicitações spot', 'Savings Plans', 'Instâncias reservadas', 'Hosts dedicados', 'Reservas de capacidade', 'Imagens', 'Elastic Block Store', 'Rede e segurança', and 'Balanceamento de carga'. The main area is titled 'Volumes (1/1) Informações'. It contains a table with columns: Name, ID do volume, Tipo, Tamanho, IOPS, Taxa de tra..., ID do snap..., Criado, and Zona. One volume is listed: 'vol-0befc0102ac0a538b' of type 'gp3', size '20 GiB', and IOPS '3000'. A modal dialog is open in the center with the title 'Desassociar vol-0befc0102ac0a538b?'. The dialog text says: 'Depois de desassociar um volume, você ainda poderá ser cobrado pelo armazenamento dele. Se você não precisar mais do volume, exclua-o para interromper a cobrança. Tem certeza de que deseja desanexar o volume vol-0befc0102ac0a538b?'. At the bottom of the dialog are 'Cancelar' and 'Desassociar' buttons. Below the dialog, the 'Detalhes' tab for the selected volume is visible, showing fields like 'ID do volume', 'Tamanho', 'Tipo', 'Estado do volume', 'Zona de disponibilidade', 'Criado', and 'Verificação de status'.