

SÃO PAULO TECH SHCOOL



Sistemas Operacionais

Pesquisa e Comandos Linux na Instância EC2

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2. Informe sobre sua máquina/instância, utilizando a GUI e/ou CLI :

SO, CPU, RAM, Tipo de FileSystem, Tamanho Disco, Tamanho Memória Estendida.

SO:

```
ubuntu@ip-172-31-94-84:~$ lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description:    Ubuntu 20.04.5 LTS
Release:        20.04
Codename:       focal
ubuntu@ip-172-31-94-84:~$
```

CPU:

```
ubuntu@ip-172-31-94-84:~$ cat /proc/cpuinfo
processor       : 0
vendor_id      : GenuineIntel
cpu family     : 6
model          : 63
model name     : Intel(R) Xeon(R) CPU E5-2676 v3 @ 2.40GHz
stepping       : 2
microcode      : 0x49
cpu MHz        : 2399.919
cache size     : 30720 KB
physical id    : 0
siblings       : 1
core id        : 0
cpu cores      : 1
apicid         : 0
initial apicid : 0
fpu            : yes
fpu_exception  : yes
cpuid level    : 13
wp             : yes
flags           : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht syscall nx rdtscp lm constant_tsc rep_good nopl xtopology cpu
id tsc_known_freq pni pclmulqdq ssse3 fma cx16 pcid sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c rdrand hypervisor lahf_lm abm cpubid_fault invpcid_single
pti fsgsbase bmi1 avx2 smep bmi2 erms invpcid xsaveopt
bugs           : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass l1tf mds swapgs itlb_multihit mmio_stale_data
bogomips       : 4800.02
clflush size   : 64
cache alignment : 64
address sizes   : 46 bits physical, 48 bits virtual
power management:

ubuntu@ip-172-31-94-84:~$
```

RAM:

```
ubuntu@ip-172-31-94-84:~$ free
              total        used        free      shared  buff/cache   available
Mem:           989436      173100       419344         832       396992       663476
Swap:              0           0           0
```

Tipo de FileSystem:

```
ubuntu@ip-172-31-94-84:~$ df -Th
Filesystem      Type      Size  Used Avail Use% Mounted on
/dev/root        ext4       20G   2.5G   17G   13% /
devtmpfs        devtmpfs   477M    0   477M    0% /dev
tmpfs           tmpfs      484M    0   484M    0% /dev/shm
tmpfs           tmpfs       97M   832K    96M    1% /run
tmpfs           tmpfs       5.0M    0    5.0M    0% /run/lock
tmpfs           tmpfs      484M    0   484M    0% /sys/fs/cgroup
/dev/loop1      squashfs   56M    56M    0 100% /snap/core18/2409
/dev/loop0      squashfs   26M    26M    0 100% /snap/amazon-ssm-agent/5656
/dev/loop2      squashfs   56M    56M    0 100% /snap/core18/2566
/dev/loop3      squashfs   62M    62M    0 100% /snap/core20/1518
/dev/loop4      squashfs   64M    64M    0 100% /snap/core20/1623
/dev/loop5      squashfs   68M    68M    0 100% /snap/lxd/22753
/dev/loop6      squashfs   47M    47M    0 100% /snap/snapd/16010
/dev/loop7      squashfs   48M    48M    0 100% /snap/snapd/16778
/dev/xvda15     vfat      105M    5.2M   100M    5% /boot/efi
tmpfs           tmpfs       97M    0    97M    0% /run/user/1000
ubuntu@ip-172-31-94-84:~$
```

Tamanho Disco:

```
ubuntu@ip-172-31-94-84:~$ df
Filesystem      1K-blocks      Used Available Use% Mounted on
/dev/root        20134592 2538380  17579828  13% /
devtmpfs         487872      0    487872    0% /dev
tmpfs            494716      0    494716    0% /dev/shm
tmpfs            98944       832    98112    1% /run
tmpfs            5120        0     5120    0% /run/lock
tmpfs            494716      0    494716    0% /sys/fs/cgroup
/dev/loop1       56960      56960      0 100% /snap/core18/2409
/dev/loop0       25728      25728      0 100% /snap/amazon-ssm-agent/5656
/dev/loop2       56960      56960      0 100% /snap/core18/2566
/dev/loop3       63488      63488      0 100% /snap/core20/1518
/dev/loop4       64768      64768      0 100% /snap/core20/1623
/dev/loop5       69504      69504      0 100% /snap/lxd/22753
/dev/loop6       48128      48128      0 100% /snap/snapd/16010
/dev/loop7       49152      49152      0 100% /snap/snapd/16778
/dev/xvda15     106858       5321   101537    5% /boot/efi
tmpfs            98940        0    98940    0% /run/user/1000
ubuntu@ip-172-31-94-84:~$
```

Tamanho Memoria estendida:

```
ubuntu@ip-172-31-94-84:~$ free
              total        used        free      shared  buff/cache   available
Mem:           989436      178032      412580         840       398824       658428
Swap:              0           0           0
ubuntu@ip-172-31-94-84:~$
```

