

PRÁCTICAS DE LABORATORIO

Guillermina Antonaccio

Noveno laboratorio (239):

Procesos administrativos



```

[ec2-user@ip-10-0-10-69:~/companyA]
login as: ec2-user
Authenticating with public key "imported-openssh-key"

#
~\##### Amazon Linux 2
~\#####
~\#####| AL2 End of Life is 2025-06-30.
~\#/
~V~'-'>
~
~-.-/
~/m/'-

A newer version of Amazon Linux is available!

Amazon Linux 2023, GA and supported until 2028-03-15.
https://aws.amazon.com/linux/amazon-linux-2023/

[ec2-user@ip-10-0-10-69 ~]$ pwd
/home/ec2-user
[ec2-user@ip-10-0-10-69 ~]$ cd companyA
[ec2-user@ip-10-0-10-69 companyA]$ sudo ps -aux | grep -v root | sudo tee SharedFolders/processes.csv
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
rpc        1699   0.0   0.3   67256  3380 ?        Ss   13:19   0:00 /sbin/rpcbind -w
libstor+  1700   0.0   0.2   12628  1940 ?        Ss   13:19   0:00 /usr/bin/lsmd -d
dbus      1705   0.2   0.4   58248  3896 ?        Ss   13:19   0:00 /usr/bin/dbus-daemon --system --address=s
systemd: --nofork --nopidfile --systemd-activation
rngd      1718   0.0   0.4   94212  4592 ?        Ss   13:19   0:00 /sbin/rngd -f --fill-watermark=0 --exclud
e=jitter
chrony    1732   0.0   0.3  120344  3236 ?        S    13:19   0:00 /usr/sbin/chronyd -F 2
postfix   2141   0.0   0.6   90388  6636 ?        S    13:19   0:00 pickup -l -t unix -u
postfix   2142   0.0   0.7   90464  6924 ?        S    13:19   0:00 qmgr -l -t unix -u
ec2-user  3188   0.0   0.4  148504  4580 ?        S    13:21   0:00 sshd: ec2-user@pts/0
ec2-user  3189   0.0   0.4  124736  4000 pts/0    Ss   13:21   0:00 -bash
[ec2-user@ip-10-0-10-69 companyA]$ cat SharedFolders/processes.csv
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
rpc        1699   0.0   0.3   67256  3380 ?        Ss   13:19   0:00 /sbin/rpcbind -w
libstor+  1700   0.0   0.2   12628  1940 ?        Ss   13:19   0:00 /usr/bin/lsmd -d
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ec2-user  3188   0.0   0.4  148504  4580 ?        S    13:21   0:00 sshd: ec2-user@pts/0
ec2-user  3189   0.0   0.4  124736  4000 pts/0    Ss   13:21   0:00 -bash
[ec2-user@ip-10-0-10-69 companyA]$ Guillermina Antonaccio :D

```

Procesos administrativos:

2-Luego utilizamos el comando top, para ver los procesos del sistema.

```

ec2-user@ip-10-0-10-69:~/companyA
top - 13:30:52 up 11 min, 1 user, load average: 0.00, 0.01, 0.00
Tasks: 88 total, 1 running, 47 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.2 us, 0.0 sy, 0.0 ni, 99.8 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
KiB Mem : 966816 total, 401540 free, 71892 used, 493384 buff/cache
KiB Swap: 0 total, 0 free, 0 used. 753052 avail Mem

  PID USER      PR  NI   VIRT   RES   SHR  S  %CPU  %MEM     TIME+ COMMAND
    1 root        20   0 123496   5472  4004  S   0.0   0.6   0:01.75 systemd
    2 root        20   0      0      0      0  S   0.0   0.0   0:00.00 kthreadd
    4 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 kworker/0:0H
    5 root        20   0      0      0      0  I   0.0   0.0   0:00.05 kworker/u4:0
    6 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 mm_percpu_wq
    7 root        20   0      0      0      0  S   0.0   0.0   0:00.02 ksoftirqd/0
    8 root        20   0      0      0      0  I   0.0   0.0   0:00.05 rcu_sched
    9 root        20   0      0      0      0  I   0.0   0.0   0:00.00 rcu_bh
   10 root        rt    0      0      0      0  S   0.0   0.0   0:00.00 migration/0
   11 root        rt    0      0      0      0  S   0.0   0.0   0:00.00 watchdog/0
   12 root        20   0      0      0      0  S   0.0   0.0   0:00.00 cpuhp/0
   13 root        20   0      0      0      0  S   0.0   0.0   0:00.00 cpuhp/1
   14 root        rt    0      0      0      0  S   0.0   0.0   0:00.00 watchdog/1
   15 root        rt    0      0      0      0  S   0.0   0.0   0:00.20 migration/1
   16 root        20   0      0      0      0  S   0.0   0.0   0:00.03 ksoftirqd/1
   18 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 kworker/1:0H
   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 netns
   25 root        20   0      0      0      0  I   0.0   0.0   0:00.07 kworker/u4:2
  124 root        20   0      0      0      0  S   0.0   0.0   0:00.00 khungtaskd
  163 root        20   0      0      0      0  S   0.0   0.0   0:00.00 oom_reaper
  203 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 writeback
  205 root        20   0      0      0      0  S   0.0   0.0   0:00.00 kcompactd0
  206 root        25   5      0      0      0  S   0.0   0.0   0:00.00 ksmd
  207 root        39  19      0      0      0  S   0.0   0.0   0:00.00 khugepaged
  208 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 crypto
  209 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 kintegrityd
  211 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 kblockd
  319 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 md
  322 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 edac-poller
  327 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 watchdogd
  451 root        20   0      0      0      0  S   0.0   0.0   0:00.02 kauditd
  457 root        20   0      0      0      0  S   0.0   0.0   0:00.00 kswapd0
  547 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 xfsalloc
  548 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 xfs_mru_cache
  602 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 kthrotld
  632 root         0 -20      0      0      0  I   0.0   0.0   0:00.00 nvme-wq

```

Procesos administrativos:

3-Por ultimo creamos un Cron Job que se ejecuta cada hora del día y tapa con ##### los archivos con extensión .csv y los guarda en filterAudit.csv

```
ec2-user@ip-10-0-10-69:~/companyA
```

```
[ec2-user@ip-10-0-10-69 companyA]$ clear
```

```
[ec2-user@ip-10-0-10-69 companyA]$ pwd
```

```
/home/ec2-user/companyA
```

```
[ec2-user@ip-10-0-10-69 companyA]$ sudo crontab -e
```

```
-bash: sudo: command not found
```

```
[ec2-user@ip-10-0-10-69 companyA]$ sudo crontab -e
```

```
no crontab for root - using an empty one
```

```
crontab: installing new crontab
```

```
"/tmp/crontab.rpwHIN":5: bad minute
```

```
errors in crontab file, can't install.
```

```
Do you want to retry the same edit? yes
```

```
crontab: installing new crontab
```

```
[ec2-user@ip-10-0-10-69 companyA]$ sudo crontab -l
```


```
SHELL=/bin/bash
```

```
PATH=/usr/bin:/bin:/usr/local/bin
```

```
MAILTO=root
```

```
0 * * * * ls -la $(find .) | sed -e 's/..csv/#####.csv/g' > /home/ec2-user/companyA/SharedFolders/filteredAudit.csv
```

```
[ec2-user@ip-10-0-10-69 companyA]$ Guillermina Antonaccio
```



Aquí termina el
laboratorio, muchas
gracias