

Muestre todos los usuarios registrados en su Distro Linux

```
xell@ZWDS: ~  
xell@ZWDS:~$ cat /etc/passwd  
root:x:0:0:root:/root:/bin/bash  
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin  
bin:x:2:2:bin:/bin:/usr/sbin/nologin  
sys:x:3:3:sys:/dev:/usr/sbin/nologin  
sync:x:4:65534:sync:/bin:/bin/sync  
games:x:5:60:games:/usr/games:/usr/sbin/nologin  
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin  
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin  
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin  
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin  
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin  
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin  
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin  
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin  
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin  
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin  
_apt:x:42:65534:/:nonexistent:/usr/sbin/nologin  
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin  
systemd-network:x:998:998:systemd Network Management:/:usr/sbin/nologin  
systemd-timesync:x:996:996:systemd Time Synchronization:/:usr/sbin/nologin  
dhcpcd:x:100:65534:DHCP Client Daemon,,,:usr/lib/dhcpcd:/bin/false  
messagebus:x:101:101:/:nonexistent:/usr/sbin/nologin  
syslog:x:102:102:/:nonexistent:/usr/sbin/nologin  
systemd-resolve:x:991:991:systemd Resolver:/:usr/sbin/nologin  
uuidd:x:103:103:/:run/uuidd:/usr/sbin/nologin  
landscape:x:104:105:/:var/lib/landscape:/usr/sbin/nologin  
polkitd:x:990:990:User for polkitd:/:usr/sbin/nologin  
xell:x:1000:1000:,,,:/home/xell:/bin/bash  
sshd:x:105:65534:/:run/sshd:/usr/sbin/nologin  
axel:x:1001:1001:Axel Brandon Salcedo Olivo,01,5518295845,5523070725,nada:/home/axel:/bin/bash  
xell@ZWDS:~$ sudo userdel-r axel  
[sudo] password for xell:
```

1.1. Depure los usuarios existentes, así como su escritorio y conserve únicamente el usuario de instalación

```
xell@ZWDS: ~  
xell@ZWDS:~$ sudo userdel-r: command not found  
xell@ZWDS:~$ sudo userdel -r axel  
userdel: axel mail spool (/var/mail/axel) not found  
xell@ZWDS:~$ ^C  
xell@ZWDS:~$ sudo userdel -r axel  
userdel: user 'axel' does not exist  
xell@ZWDS:~$ cat /etc/passwd  
root:x:0:0:root:/root:/bin/bash  
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin  
bin:x:2:2:bin:/bin:/usr/sbin/nologin  
sys:x:3:3:sys:/dev:/usr/sbin/nologin  
sync:x:4:65534:sync:/bin:/bin/sync  
games:x:5:60:games:/usr/games:/usr/sbin/nologin  
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin  
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin  
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin  
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin  
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin  
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin  
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin  
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin  
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin  
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin  
_apt:x:42:65534:/:nonexistent:/usr/sbin/nologin  
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin  
systemd-network:x:998:998:systemd Network Management:/:usr/sbin/nologin  
systemd-timesync:x:996:996:systemd Time Synchronization:/:usr/sbin/nologin  
dhcpcd:x:100:65534:DHCP Client Daemon,,,:usr/lib/dhcpcd:/bin/false  
messagebus:x:101:101:/:nonexistent:/usr/sbin/nologin  
syslog:x:102:102:/:nonexistent:/usr/sbin/nologin  
systemd-resolve:x:991:991:systemd Resolver:/:usr/sbin/nologin  
uuidd:x:103:103:/:run/uuidd:/usr/sbin/nologin  
landscape:x:104:105:/:var/lib/landscape:/usr/sbin/nologin  
polkitd:x:990:990:User for polkitd:/:usr/sbin/nologin  
xell:x:1000:1000:,,,:/home/xell:/bin/bash  
sshd:x:105:65534:/:run/sshd:/usr/sbin/nologin  
xell@ZWDS:~$ sudo useradd rafael salcedo fragoso  
Usage: useradd [options] LOGIN  
Options:  
-o useradd -o [options]  
useradd -o [options]
```

- 1.2. Cree un grupo en su distro Linux con el nombre “TeamScrum”,

```
kali@kali:~$ # Crear el grupo TeamScrum
kali@kali:~$ sudo groupadd TeamScrum
kali@kali:~$ getent group TeamScrum
TeamScrum:x:1002:
kali@kali:~$
```

- 1.3. Cree un nuevo usuario con el “nombre de un familiar”, 1.3.1.Agregue una contraseña, 1.3.2.Complete el resto del nombre empleando los datos de su familiar, 1.3.3. En el campo Otro [] ingrese su correo institucional, 1.3.4.Agregue el resto de los datos empleando sus datos personales
- 1.4. 1.3.5.Renombre al usuario con el “nombre de un compañero de clase”,

```
xeli@ZVDS: ~
kali@kali:~$ sudo adduser june
info: Adding user `june' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group `june' (1001) ...
info: Adding new user `june' (1001) with group `june (1001)' ...
info: Creating home directory `/home/june' ...
info: Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for june
Enter the new value, or press ENTER for the default
    Full Name []: deya june olivo
    Room Number []: 01
    Work Phone []: 12
    Home Phone []: 5518295845
    Other []: asalcedoo001@alumno.uaemex.mx
Is the information correct? [Y/n] y
info: Adding new user `june' to supplemental / extra groups `users' ...
info: Adding user `june' to group `users' ...
kali@kali:~$ sudo usermod -l Enrique june
kali@kali:~$
```

Empleando el usuario que renombro anteriormente realice lo siguiente; 2.1. Agregue el usuario al grupo “TeamScrum”, 2.2. Muestre la configuración actual de la cuenta (fecha de caducidad de cuenta, contraseña, etc), 2.3. Configure la contraseña del usuario para que caduque el 26 de septiembre del año en curso, 2.4. Caduque la cuenta para el viernes 27 de septiembre, 2.5. Cambie la contraseña del usuario,

```

info: Adding new user 'june' to supplemental / extra groups 'users' ...
info: Adding user 'june' to group 'users' ...
enrique@ubuntu:~$ sudo usermod -l Enrique june
enrique@ubuntu:~$ sudo usermod -a -G TeamScrum june
usermod: user 'june' does not exist
enrique@ubuntu:~$ sudo usermod -a -G TeamScrum Enrique
enrique@ubuntu:~$ groups Enrique
Enrique : june users TeamScrum
enrique@ubuntu:~$ sudochage -l Enrique
Last password change           : Sep 26, 2025
Password expires                : never
Password inactive              : never
Account expires                : never
Minimum number of days between password change : 0
Maximum number of days between password change : 99999
Number of days of warning before password expires : 7
enrique@ubuntu:~$ sudochage -E 2025-09-26 Enrique
enrique@ubuntu:~$ sudochage -E 2025-09-27 Enrique
enrique@ubuntu:~$ sudo passwd Enrique
New password:
Retype new password:
passwd: password updated successfully
enrique@ubuntu:~$ groups Enrique
Enrique : june users TeamScrum
enrique@ubuntu:~$ sudochage -l Enrique
Last password change           : Sep 26, 2025
Password expires                : never
Password inactive              : never
Account expires                : Sep 27, 2025
Minimum number of days between password change : 0
Maximum number of days between password change : 99999
Number of days of warning before password expires : 7
enrique@ubuntu:~$

```

2. Ingrese al usuario creado en el reactivo anterior que renombro en el reactivo anterior y realice lo siguiente: 3.1. Ingrese a la ruta de documentos personales, 3.2. Cree el archivo MyPer25B.txt, donde escriba su nombre(s), apellido paterno, apellido materno, ICOUAMEX CU ZUMPANGO, Generación, número de matrícula, Plan Educativo y las UA's de que cursa actualmente, 3.3. Cree un documento con nombre SisOpe25B.txt, el cual contenga una lista de por lo menos cinco de los temas vistos en clase, 3.4. Realice la concatenación de ambos archivos en el archivo SO25B.txt, 3.5. Realice la concatenación de los tres archivos anteriores, en un orden diferente y envíelos a UltCon2025B.txt

```
enrique@ZWD5: ~Documents$ touch MyPer25B.txt
enrique@ZWD5: ~Documents$ nano MyPer25B.txt
enrique@ZWD5: ~Documents$ touch SisOpe25B.txt
enrique@ZWD5: ~Documents$ nano SisOpe25B.txt
enrique@ZWD5: ~Documents$ cat MyPer25B.txt SisOpe25B.txt > salida.txt
enrique@ZWD5: ~Documents$ cat SisOpe25B.txt salida.txt MyPer25B.txt > salida1.1.txt
enrique@ZWD5: ~Documents$ mv salida1.1.txt UltCon2025B.txt
enrique@ZWD5: ~Documents$ cat UltCon2025B.txt
Introducción a los Sistemas Operativos
- Concepto y funciones principales
- Tipos de sistemas operativos

2. Gestión de Procesos
- Estados de los procesos
- Planificación de CPU

3. Administración de Memoria
- Gestión de memoria física
- Memoria virtual

4. Sistema de Archivos
- Estructura de directorios
- Operaciones con archivos

5. Gestión de Usuarios y Permisos
- Administración de cuentas
- Grupos y permisos
Nombre(s): Axel Brandon
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Apellido Materno: Olivo
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Generación: 2025B
Número de Matricula: 2025560
Plan Educativo: Ingeniería en Sistemas Computacionales
UA's que curso actualmente: septimo semestre
- Sistemas Operativos
- graficación computacional
- sistemas digitales
- ciencia de los datos

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3. Empleando el usuario del reactivo anterior, 4.1. Conceda los permisos de root a tal usuario, 4.2. Conservando la configuración por default para SSH, muestre la configuración necesaria para conectarse vía SSH, 4.3. Conéctese desde el cliente SHH a su distro Linux con la cuenta y password del usuario al que concedió permisos de root, 4.4. Conectado desde el cliente mueva el archivo UltCon2025B.txt desde el directorio del usuario al directorio home del administrador del SO, 4.5. Ejecute tres diferentes comandos empleados en sus asistencias y cierre su conexión SSH desde el cliente,

```
enrique@ZWD5: ~Documents$ exit
exit
enrique@ZWD5: ~Documents$ sudo usermod -a -G sudo enrique
[sudo] password for enrique:
enrique@ZWD5: ~Documents$ su enrique
Password:
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
enrique@ZWD5: /home/xell$ sudo whoami
[sudo] password for enrique:
root
enrique@ZWD5: /home/xell$ hostname -I
172.27.85.244
enrique@ZWD5: /home/xell$ sudo systemctl status ssh
ssh.service - OpenBSD Secure Shell server
Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: disabled)
Active: active (running) since Fri 2025-09-26 16:06:07 CST; 21min ago
TriggeredBy: ● ssh.socket
Docs: man:ssh(8)
      man:ssh_config(5)
Process: 187 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
Main PID: 288 (sshd)
Tasks: 1 (limit: 3445)
Memory: 2.0M (peak: 2.4M)
CPU: 99ms
CGroup: /system.slice/ssh.service
└─188 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"

Sep 26 16:06:09 ZWD5 systemd[1]: Starting ssh.service - OpenBSD Secure Shell server...
Sep 26 16:06:07 ZWD5 sshd[288]: Server listening on 0.0.0.0 port 22.
Sep 26 16:06:07 ZWD5 sshd[288]: Server listening on :: port 22.
Sep 26 16:06:07 ZWD5 systemd[1]: Started ssh.service - OpenBSD Secure Shell server.
enrique@ZWD5: /home/xell$ sudo cp ~/Documents/UltCon2025B.txt /home/xell/
enrique@ZWD5: /home/xell$
```

```
enrique@ZWD5: ~Documents$ cat UltCon2025B.txt
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4. Muestre la lista de reglas que tiene configurado en UFW, 5.1. Borre todas las reglas que tiene configuradas en UFW, 5.2. Agregue una regla para denegar el puerto 80, 5.3. Busque e identifique la ip para el sitio _____ y deniegue el acceso a esta dirección, 5.4. Cree una nueva regla donde deniegue los intervalos de 7000-7006, 5.5. Cree una regla que deniegue la conexión a la subred de direcciones de la ip _____ a la ____ al puerto ____ 5.6. Liste las reglas que ha creado y verifique que cuenta con todas y cada una de las anteriormente

```
veid@veid:~$ sudo ufw status
[sudo] password for xelli:
Status: active

To Action From
--
6000:6007/tcp ALLOW Anywhere
22/tcp ALLOW Anywhere
6000:6007/tcp (v6) ALLOW Anywhere (v6)
22/tcp (v6) ALLOW Anywhere (v6)

veid@veid:~$ sudo ufw status verbose
Status: active
Logging: on (low)
Default: deny (incoming), allow (outgoing), disabled (routed)
New profiles: skip

To Action From
--
6000:6007/tcp ALLOW IN Anywhere
22/tcp ALLOW IN Anywhere
6000:6007/tcp (v6) ALLOW IN Anywhere (v6)
22/tcp (v6) ALLOW IN Anywhere (v6)

veid@veid:~$ sudo ufw status numbered
Status: active

To Action From
--
[ 1] 6000:6007/tcp ALLOW IN Anywhere
[ 2] 22/tcp ALLOW IN Anywhere
[ 3] 6000:6007/tcp (v6) ALLOW IN Anywhere (v6)
[ 4] 22/tcp (v6) ALLOW IN Anywhere (v6)

veid@veid:~$ sudo ufw status numbered
Status: active

To Action From
--
[ 1] 6000:6007/tcp ALLOW IN Anywhere
[ 2] 22/tcp ALLOW IN Anywhere
[ 3] 6000:6007/tcp (v6) ALLOW IN Anywhere (v6)
```

5.

```
veid@veid:~$ sudo ufw status numbered
Status: active

To Action From
--
[ 4] 22/tcp (v6) ALLOW IN Anywhere (v6)

veid@veid:~$ sudo ufw deny 80
Rule added
Rule added (v6)
veid@veid:~$ nslookup google.com
Command 'nslookup' not found, but can be installed with:
sudo apt install bind9-dnsutils
veid@veid:~$ sudo apt install bind9-dnsutils
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  bind9-host bind9-libs liblmbdb0 libmaxminddb0 libuv1t64
Suggested packages:
  mmdns-bin
The following NEW packages will be installed:
  bind9-dnsutils bind9-host bind9-libs liblmbdb0 libmaxminddb0 libuv1t64
0 upgraded, 6 newly installed, 0 to remove and 18 not upgraded.
Need to get 1633 kB of archives.
After this operation, 4664 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu noble/main amd64 libuv1t64 amd64 1.48.0-1.1build1 [97.3 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble/main amd64 liblmbdb0 amd64 0.9.31-1build1 [48.1 kB]
Get:3 http://archive.ubuntu.com/ubuntu noble/main amd64 libmaxminddb0 amd64 1.9.1-1build1 [24.4 kB]
Get:4 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 bind9-libs amd64 1:9.18.39-0ubuntu0.24.04.1 [1257 kB]
Get:5 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 bind9-host amd64 1:9.18.39-0ubuntu0.24.04.1 [50.5 kB]
Get:6 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 bind9-dnsutils amd64 1:9.18.39-0ubuntu0.24.04.1 [156 kB]
Fetched 1633 kB in 2s (760 kB/s)
Selecting previously unselected package libuv1t64:amd64.
(Reading database ... 51123 files and directories currently installed.)
Preparing to unpack .../0-libuv1t64_1.48.0-1.1build1_amd64.deb ...
Unpacking libuv1t64:amd64 (1.48.0-1.1build1) ...
Selecting previously unselected package liblmbdb0:amd64.
Preparing to unpack .../1-liblmbdb0_0.9.31-1build1_amd64.deb ...
Unpacking liblmbdb0:amd64 (0.9.31-1build1) ...
Selecting previously unselected package libmaxminddb0:amd64.
Preparing to unpack .../2-libmaxminddb0_1.9.1-1build1_amd64.deb ...
Unpacking libmaxminddb0:amd64 (1.9.1-1build1) ...
Selecting previously unselected package bind9-libs:amd64.
Preparing to unpack .../3-bind9-libs_1:9.18.39-0ubuntu0.24.04.1_amd64.deb ...
Unpacking bind9-libs:amd64 (1:9.18.39-0ubuntu0.24.04.1) ...
Selecting previously unselected package bind9-host.
Preparing to unpack .../4-bind9-host_1:9.18.39-0ubuntu0.24.04.1_amd64.deb ...
Unpacking bind9-host (1:9.18.39-0ubuntu0.24.04.1) ...
Selecting previously unselected package bind9-dnsutils.
Preparing to unpack .../5-bind9-dnsutils_1:9.18.39-0ubuntu0.24.04.1_amd64.deb ...
Unpacking bind9-dnsutils (1:9.18.39-0ubuntu0.24.04.1) ...
Setting up libuv1t64:amd64 (1.48.0-1.1build1) ...
Setting up liblmbdb0:amd64 (0.9.31-1build1) ...
Setting up libmaxminddb0:amd64 (1.9.1-1build1) ...
Setting up bind9-libs:amd64 (1:9.18.39-0ubuntu0.24.04.1) ...
Setting up bind9-host (1:9.18.39-0ubuntu0.24.04.1) ...
Setting up bind9-dnsutils (1:9.18.39-0ubuntu0.24.04.1) ...
```

6.

```
Processing triggers for libc-bin (2.39-0ubuntu8.6) ...
root@ubuntu:~# nslookup google.com
;; Got recursion not available from 172.27.80.1
Server:      172.27.80.1
Address:     172.27.80.1#53

Non-authoritative answer:
Name:   google.com
Address: 192.178.56.142
;; Got recursion not available from 172.27.80.1
Name:   google.com
Address: 2607:f8b0:4012:825::200e

root@ubuntu:~# sudo ufw deny out to 192.178.56.142
Rule added
root@ubuntu:~# sudo ufw deny 7000:7006/tcp
do ufw deny 7000:7006/udp sudo ufw deny 7000:7006/udp Rule added
Rule added (v6)
root@ubuntu:~# sudo ufw deny 7000:7006/udp
Rule added
Rule added (v6)
root@ubuntu:~# sudo ufw deny from 192.178.56.142 to any port 22
Rule added
root@ubuntu:~# sudo ufw status numbered
Status: active

To Action From
--
[ 1] 6000:6007/tcp ALLOW IN Anywhere
[ 2] 22/tcp ALLOW IN Anywhere
[ 3] 80 DENY IN Anywhere
[ 4] 192.178.56.142 DENY OUT Anywhere (out)
[ 5] 7000:7006/tcp DENY IN Anywhere
[ 6] 7000:7006/udp DENY IN Anywhere
[ 7] 22 DENY IN 192.178.56.142
[ 8] 6000:6007/tcp (v6) ALLOW IN Anywhere (v6)
[ 9] 22/tcp (v6) ALLOW IN Anywhere (v6)
[10] 80 (v6) DENY IN Anywhere (v6)
[11] 7000:7006/tcp (v6) DENY IN Anywhere (v6)
[12] 7000:7006/udp (v6) DENY IN Anywhere (v6)

root@ubuntu:~#
```

7.

Empleando el usuario creado con permisos root, muestre la lista de todos los daemons en su distro Linux, 6.1. Liste los servicios que tienen el estado _____. 6.2. Detenga el servicio _____, 6.3. Verifique el status del servicio _____, 6.4. Habilite el servicio nuevamente y verifique el status del mismo, 6.5. Finalmente elimine la cuenta del usuario y el grupo creado para esta evaluación,

```
root@ubuntu:~# systemctl list-units --type=service --all
UNIT                                LOAD    ACTIVE SUB    DESCRIPTION
apparmor.service                   loaded inactive dead    Load AppArmor profiles
apport-autoreport.service           loaded inactive dead    Process error reports when automatic reporting is enabled
apport.service                      loaded inactive dead    automatic crash report generation
apt-daily-upgrade.service            loaded inactive dead    Daily apt upgrade and clean activities
apt-daily.service                   loaded inactive dead    Daily apt download activities
auditd.service                     not-found inactive dead    auditd.service
conman.service                     not-found inactive dead    conman.service
console-getty.service               loaded active running   Console Getty
console-screen.service              not-found inactive dead    console-screen.service
console-setup.service               loaded active exited    Set console font and keymap
cron.service                        loaded active running   Regular background program processing daemon
dbus.service                        loaded active running   D-Bus System Message Bus
display-manager.service             not-found inactive dead    display-manager.service
dmesg.service                       loaded inactive dead    Save initial kernel messages after boot
dpkg-db-backup.service              loaded inactive dead    Daily dpkg database backup service
e2scrub_all.service                 loaded inactive dead    Online ext4 Metadata Check for All Filesystems
e2scrub_reap.service                loaded inactive dead    Remove Stale Online ext4 Metadata Check Snapshots
emergency.service                   loaded inactive dead    Emergency Shell
fstirm.service                      loaded inactive dead    Discard unused blocks on filesystems from /etc/fstab
getty-static.service                loaded inactive dead    getty on tty2-tyt6 if dbus and logind are not available
getty@tty1.service                  loaded active running   Getty on tty1
initrd-cleanup.service              loaded inactive dead    Cleaning Up and Shutting Down Daemons
initrd-parse-etc.service            loaded inactive dead    Mountpoints Configured in the Real Root
initrd-switch-root.service          loaded inactive dead    Switch Root
initrd-udevadm-cleanup-db.service   loaded inactive dead    Cleanup udev Database
kbd.service                         not-found inactive dead    kbd.service
keyboard-setup.service              loaded active exited    Set the console keyboard layout
kmod-static-nodes.service           loaded active exited    Create List of Static Device Nodes
landscape-client.service            loaded inactive dead    Landscape client daemons
ldconfig.service                    loaded inactive dead    Rebuild Dynamic Linker Cache
logrotate.service                   loaded inactive dead    Rotate log files
man-db.service                      loaded inactive dead    Daily man-db regeneration
modprobe@configfs.service           loaded inactive dead    Load Kernel Module configfs
modprobe@dm_mod.service             loaded inactive dead    Load Kernel Module dm_mod
modprobe@drm.service                loaded inactive dead    Load Kernel Module drm
modprobe@efi_pstore.service         loaded inactive dead    Load Kernel Module efi_pstore
modprobe@fuse.service               loaded inactive dead    Load Kernel Module fuse
modprobe@loop.service               loaded inactive dead    Load Kernel Module loop
motd-news.service                   loaded inactive dead    Message of the Day
netplan-ovs-cleanup.service          loaded inactive dead    OpenVSwitch configuration for cleanup
```



```
enrique@ZWS: /home/xali$ systemctl list-units --type=service
UNIT                                LOAD    ACTIVE SUB    DESCRIPTION
console-getty.service              loaded active running Console Getty
console-setup.service              loaded active exited Set console font and keymap
cron.service                       loaded active running Regular background program processing daemon
dbus.service                      loaded active running D-Bus System Message Bus
getty@tty1.service                 loaded active running Getty on tty1
keyboard-setup.service             loaded active exited Set the console keyboard layout
kmod-static-nodes.service          loaded active exited Create List of Static Device Nodes
polkit.service                    loaded active running Authorization Manager
rsyslog.service                   loaded active running System Logging Service
setvtrgb.service                  loaded active exited Set console scheme
snapd.seeded.service              loaded active exited Wait until snapd is fully seeded
ssh.service                       loaded active running OpenBSD Secure Shell server
systemd-binfmt.service             loaded active exited Set Up Additional Binary Formats
systemd-journal-flush.service      loaded active exited Flush Journal to Persistent Storage
systemd-journald.service           loaded active running Journal Service
systemd-logind.service             loaded active running User Login Management
systemd-modules-load.service        loaded active exited Load Kernel Modules
systemd-remount-fs.service         loaded active exited Remount Root and Kernel File Systems
systemd-resolved.service           loaded active running Network Name Resolution
systemd-sysctl.service             loaded active exited Apply Kernel Variables
systemd-timesyncd.service          loaded active running Network Time Synchronization
systemd-tmpfiles-setup-dev-early.service loaded active exited Create Static Device Nodes in /dev gracefully
systemd-tmpfiles-setup-dev.service loaded active exited Create Static Device Nodes in /dev
systemd-tmpfiles-setup.service     loaded active exited Create Volatile Files and Directories
systemd-udev-trigger.service       loaded active exited Coldplug All udev Devices
systemd-udevd.service              loaded active running Rule-based Manager for Device Events and Files
systemd-update-utmp.service        loaded active exited Record System Boot/Shutdown in UTMP
systemd-user-sessions.service      loaded active exited Permit User Sessions
ufw.service                       loaded active exited Uncomplicated firewall
unattended-upgrades.service        loaded active running Unattended Upgrades Shutdown
user-runtime-dir@1000.service      loaded active exited User Runtime Directory /run/user/1000
user-runtime-dir@1001.service      loaded active exited User Runtime Directory /run/user/1001
user@1000.service                 loaded active running User Manager for UID 1000
user@1001.service                 loaded active running User Manager for UID 1001
wsl-pro.service                   loaded active running Bridge to Ubuntu Pro agent on Windows

Legend: LOAD    → Reflects whether the unit definition was properly loaded.
          ACTIVE → The high-level unit activation state, i.e. generalization of SUB.
```

```
enrique@ZWS: ~$ sudo ufw deny out to 192.178.56.142
Rule added
enrique@ZWS: ~$ sudo ufw deny 7000:7006/tcp
do ufw deny 7000:7006/udp
Rule added (v6)
enrique@ZWS: ~$ sudo ufw deny 7000:7006/udp
Rule added
Rule added (v6)
enrique@ZWS: ~$ sudo ufw deny from 192.178.56.142 to any port 22
Rule added
enrique@ZWS: ~$ sudo ufw status numbered
Status: active

    To Action From
    --
[ 1] 6000:6007/tcp ALLOW IN Anywhere
[ 2] 22/tcp ALLOW IN Anywhere
[ 3] 80 DENY IN Anywhere
[ 4] 192.178.56.142 DENY OUT Anywhere (out)
[ 5] 7000:7006/tcp DENY IN Anywhere
[ 6] 7000:7006/udp DENY IN Anywhere
[ 7] 22 DENY IN 192.178.56.142
[ 8] 6000:6007/tcp (v6) ALLOW IN Anywhere (v6)
[ 9] 22/tcp (v6) ALLOW IN Anywhere (v6)
[10] 80 (v6) DENY IN Anywhere (v6)
[11] 7000:7006/tcp (v6) DENY IN Anywhere (v6)
[12] 7000:7006/udp (v6) DENY IN Anywhere (v6)

enrique@ZWS: ~$ sudo systemctl stop logrotate.service
Stopping 'logrotate.service', but its triggering units are still active:
logrotate.timer
enrique@ZWS: ~$ sudo systemctl status logrotate.service
○ logrotate.service - Rotate log files
   Loaded: loaded (/usr/lib/systemd/system/logrotate.service; static)
   Active: inactive (dead)
   TriggeredBy: logrotate.timer
   Docs: man:logrotate(8)
         man:logrotate.conf(5)

Sep 26 15:13:32 ZWS systemd[1]: logrotate.service - Rotate log files was skipped because of an unset condition check (ConditionACPower=true).
```

```
enrique@vrt62wds:~$ sudo systemctl start logrotate.service
enrique@vrt62wds:~$ sudo systemctl enable logrotate.service
The unit files have no installation config (WantedBy=, RequiredBy=, UpheldBy=,
Also=, or Alias= settings in the [Install] section, and DefaultInstance= for
template units). This means they are not meant to be enabled or disabled using systemctl.

Possible reasons for having these kinds of units are:
• A unit may be statically enabled by being symlinked from another unit's
  .wants/, .requires/, or .upholds/ directory.
• A unit's purpose may be to act as a helper for some other unit which has
  a requirement dependency on it.
• A unit may be started when needed via activation (socket, path, timer,
  D-Bus, udev, scripted systemctl call, ...).
• In case of template units, the unit is meant to be enabled with some
  instance name specified.
enrique@vrt62wds:~$ sudo systemctl status logrotate.service
○ logrotate.service - Rotate log files
   Loaded: loaded (/usr/lib/systemd/system/logrotate.service; static)
   Active: inactive (dead) since Fri 2025-09-26 17:12:08 CST; 29s ago
 TriggeredBy: ● logrotate.timer
    Docs: man:logrotate(8)
          man:logrotate.conf(5)
   Main PID: 1239 (code=exited, status=0/SUCCESS)
     CPU: 121ms

Sep 26 17:12:08 ZMDS systemd[1]: Starting logrotate.service - Rotate log files...
Sep 26 17:12:08 ZMDS systemd[1]: logrotate.service: Deactivated successfully.
Sep 26 17:12:08 ZMDS systemd[1]: Finished logrotate.service - Rotate log files.
enrique@vrt62wds:~$
```

```
enrique@vrt62wds:~$ sudo kill -u enrique
enrique@vrt62wds:~$ sudo userdel -r enrique
userdel: user enrique is currently used by process 598
enrique@vrt62wds:~$ sudo kill -9 -u enrique
enrique@vrt62wds:~$ sudo userdel -r enrique
userdel: enrique mail spool (/var/mail/enrique) not found
enrique@vrt62wds:~$ sudo groupdel enrique
groupdel: group 'enrique' does not exist
enrique@vrt62wds:~$ sudo cat /etc/shadow
sudo: cat /etc/shadow: command not found
enrique@vrt62wds:~$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/usr/sbin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mail List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
_apt:x:42:65534::/nonexistent:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-network:x:998:998:systemd Network Management:/:/usr/sbin/nologin
systemd-timesync:x:996:996:systemd Time Synchronization:/:/usr/sbin/nologin
dhcpcd:x:100:65534:DHCP Client Daemon,,,:/usr/lib/dhcpcd/bin/false
messagebus:x:101:101::/nonexistent:/usr/sbin/nologin
syslog:x:102:102::/nonexistent:/usr/sbin/nologin
systemd-resolve:x:991:991:systemd Resolver:/:/usr/sbin/nologin
uidd:x:103:103::/run/uidd:/usr/sbin/nologin
landscape:x:104:105::/var/lib/landscape:/usr/sbin/nologin
polkitd:x:990:990:User for polkitd:/:/usr/sbin/nologin
xell:x:1000:1000,,,:/home/xell:/bin/bash
sshd:x:105:65534::/run/sshd:/usr/sbin/nologin
enrique@vrt62wds:~$
```