



Ubuntu 24.04.3 LTS serverpolo tty1

serverpolo login: administrador

Password:

Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.8.0-85-generic x86_64)

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

System information as of jue 23 oct 2025 19:54:15 UTC

```
System load:          0.19
Usage of /:           40.0% of 11.21GB
Memory usage:        10%
Swap usage:          0%
Processes:           100
Users logged in:      0
IPv4 address for enp0s3: 10.0.2.15
IPv6 address for enp0s3: fd17:625c:f037:2:a00:27ff:fe4c:11ae
```

El mantenimiento de seguridad expandido para Applications está desactivado

Se pueden aplicar 26 actualizaciones de forma inmediata.

Para ver estas actualizaciones adicionales, ejecute: `apt list --upgradable`

Active ESM Apps para recibir futuras actualizaciones de seguridad adicionales.
 Vea <https://ubuntu.com/esm> o ejecute `sudo pro status`

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.

administrador@serverpolo:~\$ _

Running kernel seems to be up-to-date.

Restarting services...

systemctl restart multipathd.service packagekit.service polkit.service udisks2.service

Service restarts being deferred:

systemctl restart ModemManager.service

/etc/needrestart/restart.d/dbus.service

systemctl restart systemd-logind.service

systemctl restart unattended-upgrades.service

No containers need to be restarted.

User sessions running outdated binaries:

administrador @ session #1: apt[1505], login[938]

administrador @ user manager service: systemd[1150]

No VM guests are running outdated hypervisor (qemu) binaries on this host.

administrador@serverpolo:~\$ sudo apt install apache2 -y

Leyendo lista de paquetes... Hecho

Creando árbol de dependencias... Hecho

Leyendo la información de estado... Hecho

Se instalarán los siguientes paquetes adicionales:

apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0 ssl-cert

Paquetes sugeridos:

apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser

Se instalarán los siguientes paquetes NUEVOS:

apache2 apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0 ssl-cert

0 actualizados, 10 nuevos se instalarán, 0 para eliminar y 0 no actualizados.

Se necesita descargar 2.086 kB de archivos.

Se utilizarán 8.090 kB de espacio de disco adicional después de esta operación.

Des:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 libapr1t64 amd64 1.7.2-3.1ubuntu0.1 [108 kB]

Des:2 http://archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1t64 amd64 1.6.3-1.1ubuntu7 [91,9 kB]

Des:3 http://archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1-dbd-sqlite3 amd64 1.6.3-1.1ubuntu7 [11,2 kB]

Des:4 http://archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1-ldap amd64 1.6.3-1.1ubuntu7 [9,116 B]

Des:5 http://archive.ubuntu.com/ubuntu noble/main amd64 liblua5.4-0 amd64 5.4.6-3build2 [166 kB]

Des:6 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2-bin amd64 2.4.58-1ubuntu8.8 [1.331 kB]

Des:7 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2-data all 2.4.58-1ubuntu8.8 [163 kB]

Des:8 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2-utils amd64 2.4.58-1ubuntu8.8 [97,7 kB]

Des:9 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2 amd64 2.4.58-1ubuntu8.8 [90,2 kB]

Des:10 http://archive.ubuntu.com/ubuntu noble/main amd64 ssl-cert all 1.1.2ubuntu1 [17,8 kB]

Descargados 2.086 kB en 6s (337 kB/s)

UBUNTUSERVER-KLEVERPOLO [Corriendo] - Oracle VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

GNU nano 7.2 /var/www/html/index.php *

```
<?php
phpinfo();
?>
```

CTRL DERECHA

```
Build Date Jul 14 2025 18:30:55
Build System Linux
Server API Apache 2.0 Handler
Virtual Directory Support disabled
Configuration File (php.ini) Path /etc/php/8.3/apache2
Loaded Configuration File /etc/php/8.3/apache2/php.ini
Scan this dir for additional .ini files /etc/php/8.3/apache2/conf.d
Additional .ini files parsed /etc/php/8.3/apache2/conf.d/10-opcache.ini, /etc/php/8.3/apache2/conf.d/10-pdo.ini,
/etc/php/8.3/apache2/conf.d/20-calendar.ini, /etc/php/8.3/apache2/conf.d/20-ctype.ini, /etc/php/8.3/apache2/conf.d/20-exif.ini,
/etc/php/8.3/apache2/conf.d/20-ffi.ini, /etc/php/8.3/apache2/conf.d/20-fileinfo.ini, /etc/php/8.3/apache2/conf.d/20-ftp.ini,
/etc/php/8.3/apache2/conf.d/20-gettext.ini, /etc/php/8.3/apache2/conf.d/20-iconv.ini, /etc/php/8.3/apache2/conf.d/20-phar.ini,
/etc/php/8.3/apache2/conf.d/20-posix.ini, /etc/php/8.3/apache2/conf.d/20-readline.ini, /etc/php/8.3/apache2/conf.d/20-shmop.ini,
/etc/php/8.3/apache2/conf.d/20-sockets.ini, /etc/php/8.3/apache2/conf.d/20-sysvmsg.ini, /etc/php/8.3/apache2/conf.d/20-sysvsem.ini,
/etc/php/8.3/apache2/conf.d/20-sysvshm.ini, /etc/php/8.3/apache2/conf.d/20-tokenizer.ini
PHP API 20230831
PHP Extension 20230831
Zend Extension 420230831
Zend Extension Build API420230831,NTS
PHP Extension Build API20230831,NTS
Debug Build no
Thread Safety disabled
Zend Signal Handling enabled
Zend Memory Manager enabled
Zend Multibyte Support disabled
Zend Max Execution Timers disabled
IPv6 Support enabled
DTrace Support disabled
Registered PHP Streams https, ftps, compress.zlib, php, file, glob, data, http, ftp, phar
Registered Stream Socket Transports tcp, udp, unix, udg, ssl, tls, tlsv1.0, tlsv1.1, tlsv1.2, tlsv1.3
Registered Stream Filters zlib.*, string.rot13, string.toupper, string.tolower, convert.*, consumed, dechunk, convert.iconv.*
Zend logo This program makes use of the Zend Scripting Language Engine:
Zend Engine v4.3.6, Copyright (c) Zend Technologies with Zend OPcache v8.3.6, Copyright (c), by Zend Technologies
```

Configuration

apache2handler

```
Apache Version Apache/2.4.58 (Ubuntu)
Apache API Version 20120211
Server Administrator webmaster@localhost
```

-- press space for next page --

Arrow keys: Up and Down to move. Right to follow a link; Left to go back.
H)elp O)ptions P)rint G)o M)ain screen Q)uit /=search [delete]=history list

Name	Owner	Encoding	Locale Provider	Collate	Ctype	ICU Locale	ICU Rules	Access privileges
bataller-polo	postgres	UTF8	libc	es_ES.UTF-8	es_ES.UTF-8			
postgres	postgres	UTF8	libc	es_ES.UTF-8	es_ES.UTF-8			
template0	postgres	UTF8	libc	es_ES.UTF-8	es_ES.UTF-8			=c/postgres +
template1	postgres	UTF8	libc	es_ES.UTF-8	es_ES.UTF-8			=c/postgres +
								postgres=CtC/postgres +

(4 rows)

postgres=# \bataller-polo

invalid command \bataller-polo

Try \? for help.

postgres=# \c bataller-polo

You are now connected to database "bataller-polo" as user "postgres".

bataller-polo=# \dt

List of relations

Schema	Name	Type	Owner
public	usuarios	table	postgres

(1 row)

bataller-polo=# \d comida

Did not find any relation named "comida".

bataller-polo=# \d usuario

Did not find any relation named "usuario".

bataller-polo=# \d usuarios

Table "public.usuarios"				
Column	Type	Collation	Nullable	Default
id	integer		not null	nextval('usuarios_id_seq'::regclass)
nombres	character varying(50)		not null	
apellidos	character varying(50)		not null	
edad	integer		not null	
estado	character varying(10)			'activo'::character varying

Indexes:

"usuarios_pkey" PRIMARY KEY, btree (id)

"usuarios_apellidos_key" UNIQUE CONSTRAINT, btree (apellidos)

"usuarios_nombres_key" UNIQUE CONSTRAINT, btree (nombres)

Check constraints:

"usuarios_edad_check" CHECK (edad >= 0)

"usuarios_estado_check" CHECK (estado::text = ANY (ARRAY['activo'::character varying, 'inactivo'::character varying]::text[]))

bataller-polo=#

```
bataller-polo=# SELECT * FROM empleado;
ERROR: relation "empleado" does not exist
LINE 1: SELECT * FROM empleado;
```

```
bataller-polo=# SELECT * FROM empleados;
ERROR: relation "empleados" does not exist
LINE 1: SELECT * FROM empleados;
```

```
bataller-polo=# \d usuarios
```

		Table "public.usuarios"		
Column	Type	Collation	Nullable	Default
id	integer		not null	nextval('usuarios_id_seq'::regclass)
nombres	character varying(50)		not null	
apellidos	character varying(50)		not null	
edad	integer		not null	
estado	character varying(10)			'activo'::character varying

Indexes:

```
"usuarios_pkey" PRIMARY KEY, btree (id)
"usuarios_apellidos_key" UNIQUE CONSTRAINT, btree (apellidos)
"usuarios_nombres_key" UNIQUE CONSTRAINT, btree (nombres)
```

Check constraints:

```
"usuarios_edad_check" CHECK (edad >= 0)
"usuarios_estado_check" CHECK (estado::text = ANY (ARRAY['activo'::character varying, 'inactivo'::character varying]::text[]))
```

```
bataller-polo=# CREATE TABLE empleado(
id SERIAL PRIMARY KEY,
id_usuario INTEGER NOT NULL,
cargo VARCHAR(100) UNIQUE NOT NULL,
sueldo DECIMAL(10,2) CHECK (sueldo >= 0),
estado VARCHAR(10) CHECK (estado IN ('activo', 'inactivo')) DEFAULT 'activo',
FOREIGN KEY (id_usuario) REFERENCES usuarios(id) ON DELETE CASCADE
);
```

CREATE TABLE

```
bataller-polo=# -u postgres psql -d "bataller-polo"
```

```
bataller-polo=# \dt
```

List of relations

Schema	Name	Type	Owner
public	empleado	table	postgres
public	usuarios	table	postgres

(2 rows)

```
bataller-polo=#
```

```
UBUNTUSERVER-KLEVERPOLO [Corriendo] - Oracle VirtualBox
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', 'de la concencion', 38, 'inactivo');
INSERT 0 3
bataller-polo=# /d usuario
bataller-polo=# \d usuario
Did not find any relation named "usuario".
bataller-polo=# \d usuarios

      Table "public.usuarios"
  Column      |      Type      | Collation | Nullable |      Default
-----+-----+-----+-----+-----
 id           | integer        |           | not null | nextval('usuarios_id_seq'::regclass)
 nombres      | character varying(50) |           | not null |
 apellidos    | character varying(50) |           | not null |
 edad         | integer        |           | not null |
 estado       | character varying(10) |           |          | 'activo'::character varying
Indexes:
    "usuarios_pkey" PRIMARY KEY, btree (id)
    "usuarios_apellidos_key" UNIQUE CONSTRAINT, btree (apellidos)
    "usuarios_nombres_key" UNIQUE CONSTRAINT, btree (nombres)
Check constraints:
    "usuarios_edad_check" CHECK (edad >= 0)
    "usuarios_estado_check" CHECK (estado::text = ANY (ARRAY['activo'::character varying, 'inactivo'::character varying]::text[]))
Referenced by:
    TABLE "empleado" CONSTRAINT "empleado_id_usuario_fkey" FOREIGN KEY (id_usuario) REFERENCES usuarios(id) ON DELETE CASCADE

bataller-polo=# SELECT * FROM usuarios;
ERROR:  syntax error at or near "/"
LINE 1: /d usuario
        ^

bataller-polo=# SELECT * FROM usuario;
ERROR:  relation "usuario" does not exist
LINE 1: SELECT * FROM usuario;
                        ^

bataller-polo=# SELECT * FROM usuarios;
 id | nombres | apellidos | edad | estado
----+-----+-----+-----+-----
  1 | Klever  | Polo      | 20   | activo
  2 | Carlos  | Torres    | 40   | activo
  3 | Maria   | Gomez     | 38   | inactivo
  5 | Jaime   | Bolivar   | 20   | activo
  6 | James   | Blaco     | 40   | activo
  7 | Petronita | de la concencion | 38   | inactivo
(6 rows)
```


bataller-polo=# SELECT * FROM usuarios;

ERROR: syntax error at or near "/"

LINE 1: /d usuario

bataller-polo=# SELECT * FROM usuario;

ERROR: relation "usuario" does not exist

LINE 1: SELECT * FROM usuario;

bataller-polo=# SELECT * FROM usuarios;

id	nombres	apellidos	edad	estado
1	Klever	Polo	20	activo
2	Carlos	Torres	40	activo
3	Maria	Gomez	38	inactivo
5	Jaime	Bolivar	20	activo
6	James	Blaco	40	activo
7	Petronita	de la concencion	38	inactivo

6 rows)

bataller-polo=# INSERTAR INTO empleados (id_usuario, cargo, sueldo, estado) VALUES (1 'Desarrollador Senior', 2500.00, 'activo'), (2, 'Gerente de Proyectos', 3000.50, 'activo'), (3, 'Analista de Sistemas', 2000.75, 'inactivo');

ERROR: syntax error at or near "INSERTAR"

LINE 1: INSERTAR INTO empleados (id_usuario, cargo, sueldo, estado) ...

bataller-polo=# \d empleados

did not find any relation named "empleados".

bataller-polo=# SELECT * FROM empleados

bataller-polo=# ^\

root@serverpolo:~#

root@serverpolo:~# -u postgres psql -d "bataller-polo"

psql: command not found

root@serverpolo:~# sudo -u postgres psql

sudo: unknown user postgres

sudo: error initializing audit plugin sudoers_audit

root@serverpolo:~# sudo -u postgres psql

psql (16.10 (Ubuntu 16.10-0ubuntu0.24.04.1))

type "help" for help.

postgres=# INSERT INTO empleados (id_usuario, cargo, sueldo, estado) VALUES (1, 'Desarrollador Senior', 2500.00, 'activo'), (2, 'Gerente de proyectos', 3000.50, 'activo'), (3, 'Analista de sistemas', 2000.75, 'inactivo');

postgres=# SELECT * FROM empleados

postgres=# SELECT * FROM empleado

postgres=#

```
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bataller-polo=# SELECT * FROM usuario;
ERROR: syntax error at or near "ip"
LINE 1: ip addr show
        ^

bataller-polo=# SELECT * FROM usuario;
ERROR: relation "usuario" does not exist
LINE 1: SELECT * FROM usuario;
                        ^

bataller-polo=# SELECT * FROM usuarios;
 id | nombres | apellidos | edad | estado
-----+-----+-----+-----+-----
  1 | Klever  | Polo     | 20   | activo
  2 | Carlos  | Torres   | 40   | activo
  3 | Maria   | Gomez    | 38   | inactivo
  5 | Jaime   | Bolivar  | 20   | activo
  6 | James   | Blaco    | 40   | activo
  7 | Petronita | de la concencion | 38 | inactivo
(6 rows)

bataller-polo=# SELECT * FROM empleado;
 id | id_usuario | cargo | sueldo | estado
-----+-----+-----+-----+-----
  1 |          1 | Desarrollador Senior | 2500.00 | activo
  2 |          2 | Gerente de Proyectos | 3000.50 | activo
  3 |          3 | Analista de Sistemas | 2000.75 | inactivo
(3 rows)

bataller-polo=# _
```

GNU nano 7.2 /etc/netplan/01-netcfg.yaml

```
network:
  version: 2
  renderer: networkd
  ethernet:
    enp0s3:
      dhcp4: no
      addresses:
        - 192.168.0.20/24
      routes:
        - to: default
          via: 192.168.1.1
      nameservers:
        addresses: [8.8.8.8, 8.8.4.4]
```

```
network:
  version: 2
  renderer: networkd
  ethernets:
    enp0s3:
      dhcp4: no
      addresses:
        - 192.168.0.20/24
      gateway4: 192.168.0.1
      nameservers:
        addresses:
          - 8.8.8.8
          - 8.8.4.4
```

UBUNTUSERVER-KLEVERPOLO [Corriendo] - Oracle VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

```
root@serverpolo:~# sudo netplan apply
```

```
*** (generate:1860): WARNING ***: 02:15:16.218: `gateway4` has been deprecated, use default routes instead.  
See the 'Default routes' section of the documentation for more details.
```

```
*** (process:1858): WARNING ***: 02:15:16.503: `gateway4` has been deprecated, use default routes instead.  
See the 'Default routes' section of the documentation for more details.
```

```
*** (process:1858): WARNING ***: 02:15:16.617: `gateway4` has been deprecated, use default routes instead.  
See the 'Default routes' section of the documentation for more details.
```

```
root@serverpolo:~#
```

CTRL DERECHA

```
root@serverpolo:~# sudo netplan apply
```

```
** (generate:1860): WARNING **: 02:15:16.218: `gateway4` has been deprecated, use default routes instead.
See the 'Default routes' section of the documentation for more details.
```

```
** (process:1858): WARNING **: 02:15:16.503: `gateway4` has been deprecated, use default routes instead.
See the 'Default routes' section of the documentation for more details.
```

```
** (process:1858): WARNING **: 02:15:16.617: `gateway4` has been deprecated, use default routes instead.
See the 'Default routes' section of the documentation for more details.
```

```
root@serverpolo:~# sudo netplan try
```

```
** (process:1956): WARNING **: 02:16:41.218: `gateway4` has been deprecated, use default routes instead.
See the 'Default routes' section of the documentation for more details.
```

```
** (generate:1958): WARNING **: 02:16:41.230: `gateway4` has been deprecated, use default routes instead.
See the 'Default routes' section of the documentation for more details.
```

```
** (process:1956): WARNING **: 02:16:41.500: `gateway4` has been deprecated, use default routes instead.
See the 'Default routes' section of the documentation for more details.
```

```
** (process:1956): WARNING **: 02:16:41.561: `gateway4` has been deprecated, use default routes instead.
See the 'Default routes' section of the documentation for more details.
```

```
Do you want to keep these settings?
```

```
Press ENTER before the timeout to accept the new configuration
```

```
Changes will revert in 28 seconds
```

```
Configuration accepted.
```

```
root@serverpolo:~# ip a show enp0s3
```

```
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
```

```
    link/ether 08:00:27:fc:11:ae brd ff:ff:ff:ff:ff:ff
```

```
    inet 192.168.0.20/24 brd 192.168.0.255 scope global enp0s3
```

```
        valid_lft forever preferred_lft forever
```

```
    inet 10.0.2.15/24 metric 100 brd 10.0.2.255 scope global dynamic enp0s3
```

```
        valid_lft 86294sec preferred_lft 86294sec
```

```
root@serverpolo:~#
```

Press ENTER before the timeout to accept the new configuration

Changes will revert in 28 seconds

Configuration accepted.

root@serverpolo:~# ip a show enp0s3

```
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:fc:11:ae brd ff:ff:ff:ff:ff:ff
    inet 192.168.0.20/24 brd 192.168.0.255 scope global enp0s3
        valid_lft forever preferred_lft forever
    inet 10.0.2.15/24 metric 100 brd 10.0.2.255 scope global dynamic enp0s3
        valid_lft 86294sec preferred_lft 86294sec
```

root@serverpolo:~# ip addr show

```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
```

```
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:fc:11:ae brd ff:ff:ff:ff:ff:ff
    inet 192.168.0.20/24 brd 192.168.0.255 scope global enp0s3
        valid_lft forever preferred_lft forever
    inet 10.0.2.15/24 metric 100 brd 10.0.2.255 scope global dynamic enp0s3
        valid_lft 86234sec preferred_lft 86234sec
```

root@serverpolo:~# ip addr show enp0s3

```
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:fc:11:ae brd ff:ff:ff:ff:ff:ff
    inet 192.168.0.20/24 brd 192.168.0.255 scope global enp0s3
        valid_lft forever preferred_lft forever
    inet 10.0.2.15/24 metric 100 brd 10.0.2.255 scope global dynamic enp0s3
        valid_lft 86204sec preferred_lft 86204sec
```

root@serverpolo:~# hostname

serverpolo

root@serverpolo:~# ip addr show enp0s3

```
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:fc:11:ae brd ff:ff:ff:ff:ff:ff
    inet 192.168.0.20/24 brd 192.168.0.255 scope global enp0s3
        valid_lft forever preferred_lft forever
    inet 10.0.2.15/24 metric 100 brd 10.0.2.255 scope global dynamic enp0s3
        valid_lft 86170sec preferred_lft 86170sec
```

root@serverpolo:~#