Instalación de MySQL Server


```
   Memory usage: 5%                    IPv4 address for enp0s3: 172.18.99.33
   Swap usage:   0%


46 updates can be installed immediately.
35 of these updates are security updates.
To see these additional updates run: apt list --upgradable


Last login: Sat Oct  3 18:30:51 UTC 2020 on tty1
userver@userver:~$ sudo apt-get update
[sudo] password for userver:
Hit:1 http://es.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://es.archive.ubuntu.com/ubuntu focal-updates InRelease [111 kB]
Get:3 http://es.archive.ubuntu.com/ubuntu focal-backports InRelease [98.3 kB]
Get:4 http://es.archive.ubuntu.com/ubuntu focal-security InRelease [107 kB]
Get:5 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [617 kB]
Get:6 http://es.archive.ubuntu.com/ubuntu focal-updates/main Translation-en [155 kB]
Get:7 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 c-n-f Metadata [10.4 kB]
Get:8 http://es.archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [78.0 kB]
Get:9 http://es.archive.ubuntu.com/ubuntu focal-updates/restricted Translation-en [12.4 kB]
Get:10 http://es.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [673 kB]
Get:11 http://es.archive.ubuntu.com/ubuntu focal-updates/universe Translation-en [127 kB]
Get:12 http://es.archive.ubuntu.com/ubuntu focal-updates/universe amd64 c-n-f Metadata [12.3 kB]
Get:13 http://es.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [15.1 kB]
Get:14 http://es.archive.ubuntu.com/ubuntu focal-security/main amd64 Packages [342 kB]
Get:15 http://es.archive.ubuntu.com/ubuntu focal-security/main Translation-en [78.5 kB]
Get:16 http://es.archive.ubuntu.com/ubuntu focal-security/main amd64 c-n-f Metadata [4992 B]
Get:17 http://es.archive.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [65.8 kB]
Get:18 http://es.archive.ubuntu.com/ubuntu focal-security/restricted Translation-en [10.8 kB]
Get:19 http://es.archive.ubuntu.com/ubuntu focal-security/universe amd64 Packages [509 kB]
Get:20 http://es.archive.ubuntu.com/ubuntu focal-security/universe Translation-en [64.2 kB]
Get:21 http://es.archive.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [8620 B]
Get:22 http://es.archive.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages [1256 B]
Fetched 3103 kB in 2s (1430 kB/s)
Reading package lists... Done
userver@userver:~$ sudo apt-get install mysql-server_
```

Cómo acceder a MySQL Server desde consola con el usuario root


```
reading /usr/share/mecab/dic/ipadic/Prefix.csv ... 221
reading /usr/share/mecab/dic/ipadic/Postp-col.csv ... 91
reading /usr/share/mecab/dic/ipadic/Conjunction.csv ... 171
reading /usr/share/mecab/dic/ipadic/Filler.csv ... 19
reading /usr/share/mecab/dic/ipadic/Noun.others.csv ... 151
reading /usr/share/mecab/dic/ipadic/Others.csv ... 2
reading /usr/share/mecab/dic/ipadic/Noun.csv ... 60477
reading /usr/share/mecab/dic/ipadic/Suffix.csv ... 1393
reading /usr/share/mecab/dic/ipadic/Noun.number.csv ... 42
reading /usr/share/mecab/dic/ipadic/Adj.csv ... 27210
reading /usr/share/mecab/dic/ipadic/Noun.demonst.csv ... 120
reading /usr/share/mecab/dic/ipadic/Verb.csv ... 130750
reading /usr/share/mecab/dic/ipadic/Symbol.csv ... 208
reading /usr/share/mecab/dic/ipadic/Noun.verbal.csv ... 12146
reading /usr/share/mecab/dic/ipadic/Auxil.csv ... 199
reading /usr/share/mecab/dic/ipadic/Noun.place.csv ... 72999
reading /usr/share/mecab/dic/ipadic/Postp.csv ... 146
reading /usr/share/mecab/dic/ipadic/Noun.adjv.csv ... 3328
emitting double-array: 100% |###########################################|
reading /usr/share/mecab/dic/ipadic/matrix.def ... 1316x1316
emitting matrix     : 100% |###########################################|

done!
update-alternatives: using /var/lib/mecab/dic/ipadic-utf8 to provide /var/lib/mecab/dic/debian (meca
b-dictionary) in auto mode
Setting up libhtml-parser-perl (3.72-5) ...
Setting up libhttp-message-perl (6.22-1) ...
Setting up mysql-server (8.0.21-0ubuntu0.20.04.4) ...
Setting up libcgi-pm-perl (4.46-1) ...
Setting up libhtml-template-perl (2.97-1) ...
Setting up libcgi-fast-perl (1:2.15-1) ...
Processing triggers for systemd (245.4-4ubuntu3.2) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for libc-bin (2.31-0ubuntu9.1) ...
userver@userver:~$ sudo su
root@userver:/home/userver#
root@userver:/home/userver# mysql -u roo
```

Cómo cambiar la contraseña de la contraseña de usuario root.

```
Setting up libhtml-template-perl (2.97-1) ...
Setting up libcgi-fast-perl (1:2.15-1) ...
Processing triggers for systemd (245.4-4ubuntu3.2) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for libc-bin (2.31-0ubuntu9.1) ...
userver@userver:~$ sudo su
root@userver:/home/userver# mysql -u root
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.21-0ubuntu0.20.04.4 (Ubuntu)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> USE mysql;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> SELECT User, Host, plugin FROM user;
+------------------+-----------+-----------------------+
| User             | Host      | plugin                |
+------------------+-----------+-----------------------+
| debian-sys-maint | localhost | caching_sha2_password |
| mysql.infoschema | localhost | caching_sha2_password |
| mysql.session    | localhost | caching_sha2_password |
| mysql.sys        | localhost | caching_sha2_password |
| root             | localhost | auth_socket           |
+------------------+-----------+-----------------------+
5 rows in set (0.01 sec)

mysql> UPDATE user SET plugin='mysql_native_paassword' WHERE User='root';_
Server version: 8.0.21-0ubuntu0.20.04.4 (Ubuntu)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> mysql -u root
    -> mysql -u root;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your
MySQL server version for the right syntax to use near 'mysql -u root
mysql -u root' at line 1
mysql> USE mysql;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> SELECT User, Host, plugin FROM user;
+------------------+-----------+-----------------------+
| User             | Host      | plugin                |
+------------------+-----------+-----------------------+
| debian-sys-maint | localhost | caching_sha2_password |
| mysql.infoschema | localhost | caching_sha2_password |
| mysql.session    | localhost | caching_sha2_password |
| mysql.sys        | localhost | caching_sha2_password |
| root             | localhost | auth_socket           |
+------------------+-----------+-----------------------+
5 rows in set (0.00 sec)

mysql> UPDATE user SET plugin='mysql_native_passsword' WHERE User='root';
Query OK, 1 row affected (0.02 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> _
```

```
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.21-0ubuntu0.20.04.4 (Ubuntu)

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| mysql.session    | localhost | caching_sha2_password |
| mysql.sys        | localhost | caching_sha2_password |
| root             | localhost | auth_socket           |
+------------------+-----------+-----------------------+
5 rows in set (0.01 sec)

mysql> UPDATE user SET plugin='mysql_native_paassword' WHERE User='root';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> ALTER USER 'root'@'localhost' IDENTIFIED BY '5t6y7u8i';
Query OK, 0 rows affected (0.05 sec)

mysql>
```

```
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owners.

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mysql> USE mysql;
Reading table information for completion of table and column names
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| User             | Host      | plugin                |
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| mysql.infoschema | localhost | caching_sha2_password |
| mysql.session    | localhost | caching_sha2_password |
| mysql.sys        | localhost | caching_sha2_password |
| root             | localhost | auth_socket           |
+------------------+-----------+-----------------------+
5 rows in set (0.01 sec)

mysql> UPDATE user SET plugin='mysql_native_paassword' WHERE User='root';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> ALTER USER 'root'@'localhost' IDENTIFIED BY '5t6y7u8i';
Query OK, 0 rows affected (0.05 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.05 sec)

mysql> _
```

Configuración de MySQL

```
  GNU nano 4.8                    /etc/mysql/mysql.conf.d/mysqld.cnf
#
# The MySQL database server configuration file.
#
# One can use all long options that the program supports.
# Run program with --help to get a list of available options and with
# --print-defaults to see which it would actually understand and use.
#
# For explanations see
# http://dev.mysql.com/doc/mysql/en/server-system-variables.html

# Here is entries for some specific programs
# The following values assume you have at least 32M ram

[mysqld]
#
# * Basic Settings
#
user            = mysql
# pid-file       = /var/run/mysqld/mysqld.pid
# socket         = /var/run/mysqld/mysqld.sock
# port           = 3306
# datadir        = /var/lib/mysql


# If MySQL is running as a replication slave, this should be
# changed. Ref https://dev.mysql.com/doc/refman/8.0/en/server-system-variables.html#sysvar_tmpdir
# tmpdir               = /tmp
#
# Instead of skip-networking the default is now to listen only on
# localhost which is more compatible and is not less secure.
bind-address            = 127.0.0.1
#
# * Fine Tuning
                             [ Read 77 lines ]
^G Get Help    ^O Write Out   ^W Where Is    ^K Cut Text    ^J Justify     ^C Cur Pos     M-U Undo
^X Exit        ^R Read File   ^\ Replace     ^U Paste Text  ^T To Spell    ^_ Go To Line  M-E Redo
```

```
  GNU nano 4.8                    /etc/mysql/mysql.conf.d/mysqld.cnf
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# The MySQL database server configuration file.
#
# One can use all long options that the program supports.
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# tmpdir               = /tmp
#
# Instead of skip-networking the default is now to listen only on
# localhost which is more compatible and is not less secure.
bind-address            = 127.0.0.1
#
# * Fine Tuning
                             [ Read 77 lines ]
^G Get Help    ^O Write Out   ^W Where Is    ^K Cut Text    ^J Justify     ^C Cur Pos     M-U Undo
^X Exit        ^R Read File   ^\ Replace     ^U Paste Text  ^T To Spell    ^_ Go To Line  M-E Redo
```

Lista de usuarios de MySQL

```
Sorry, try again.
[sudo] password for userver:

Sorry, try again.
[sudo] password for userver:
1qsudo: 3 incorrect password attempts
userver@userver:~$ 1q2w3e4r
1q2w3e4r: command not found
userver@userver:~$ sudo su
[sudo] password for userver:
root@userver:/home/userver# mysql -u root;
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 12
Server version: 8.0.21-0ubuntu0.20.04.4 (Ubuntu)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> SELECT user, host FROM mysql.user;
+------------------+-----------+
| user             | host      |
+------------------+-----------+
| debian-sys-maint | localhost |
| mysql.infoschema | localhost |
| mysql.session    | localhost |
| mysql.sys        | localhost |
| root             | localhost |
+------------------+-----------+
5 rows in set (0.00 sec)

mysql>
```

```
  GNU nano 4.8                    /etc/mysql/mysql.conf.d/mysqld.cnf
# The MySQL database server configuration file.
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# Run program with --help to get a list of available options and with
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# socket        = /var/run/mysqld/mysqld.sock
# port          = 3306
# datadir       = /var/lib/mysql


# If MySQL is running as a replication slave, this should be
# changed. Ref https://dev.mysql.com/doc/refman/8.0/en/server-system-variables.html#sysvar_tmpdir
# tmpdir                = /tmp
#
# Instead of skip-networking the default is now to listen only on
# localhost which is more compatible and is not less secure.
bind-address            = 0.0.0.0
#
# * Fine Tuning
#


userver@userver:~$ sudo /etc/init.d/mysql restar_
```

```
 Usage of /:    57.1% of 8.79GB   Users logged in:          0
 Memory usage: 13%                IPv4 address for enp0s3: 192.168.0.29
 Swap usage:    0%

 * Introducing autonomous high availability clustering for MicroK8s
   production environments! Super simple clustering, hardened Kubernetes,
   with automatic data store operations. A zero-ops HA K8s for anywhere.

     https://microk8s.io/high-availability

17 updates can be installed immediately.
0 of these updates are security updates.
To see these additional updates run: apt list --upgradable


Last login: Wed Oct 21 21:54:04 UTC 2020 on tty1
userver@userver:~$ mysql -u root -p;
Enter password:
ERROR 1698 (28000): Access denied for user 'root'@'localhost'
userver@userver:~$ 5t6y7u8i
5t6y7u8i: command not found
userver@userver:~$ mysql -u root -p;
Enter password:
ERROR 1698 (28000): Access denied for user 'root'@'localhost'
userver@userver:~$ mysql -u root -p;
Enter password:
ERROR 1698 (28000): Access denied for user 'root'@'localhost'
userver@userver:~$ mysql -u root -p;
Enter password:
ERROR 1698 (28000): Access denied for user 'root'@'localhost'
userver@userver:~$ mysql -u root -p;
Enter password:
ERROR 1698 (28000): Access denied for user 'root'@'localhost'
userver@userver:~$ mysql -u root -p;
Enter password:
ERROR 1698 (28000): Access denied for user 'root'@'localhost'
userver@userver:~$ _
```

Hasta aquí pude avanzar me salió un error y con ninguna contraseña me dejaba entrar para asignar privilegios.

```
 Usage of /:    57.1% of 8.79GB   Users logged in:          0
 Memory usage: 13%                IPv4 address for enp0s3: 192.168.0.29
 Swap usage:    0%
```