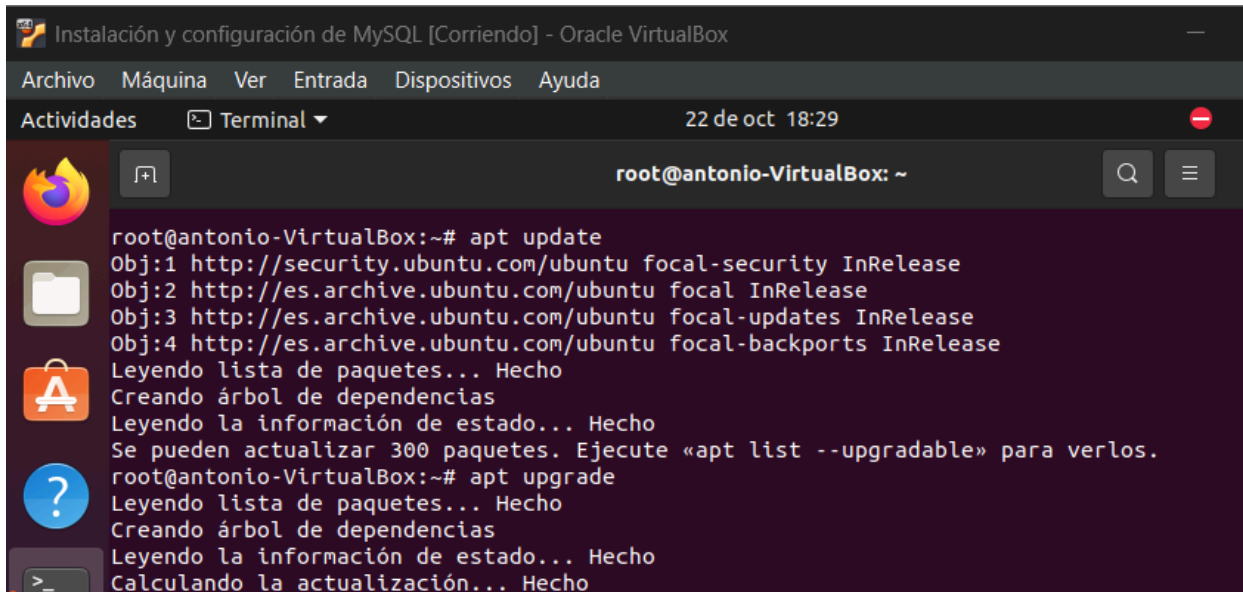
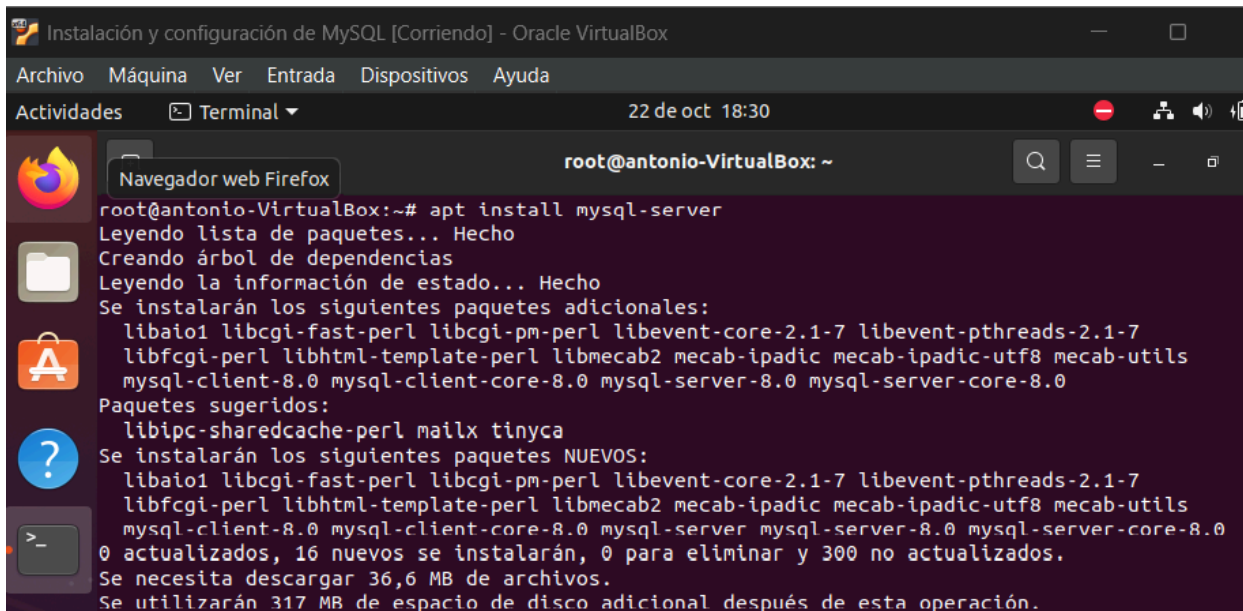


Paso 1: actualizar paquetes y repositorios



```
Instalación y configuración de MySQL [Corriendo] - Oracle VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
Actividades  Terminal  22 de oct 18:29
root@antonio-VirtualBox: ~
root@antonio-VirtualBox:~# apt update
Obj:1 http://security.ubuntu.com/ubuntu focal-security InRelease
Obj:2 http://es.archive.ubuntu.com/ubuntu focal InRelease
Obj:3 http://es.archive.ubuntu.com/ubuntu focal-updates InRelease
Obj:4 http://es.archive.ubuntu.com/ubuntu focal-backports InRelease
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias
Leyendo la información de estado... Hecho
Se pueden actualizar 300 paquetes. Ejecute «apt list --upgradable» para verlos.
root@antonio-VirtualBox:~# apt upgrade
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias
Leyendo la información de estado... Hecho
Calculando la actualización... Hecho
```

Paso 2: instalar paquete mysql-server



```
Instalación y configuración de MySQL [Corriendo] - Oracle VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
Actividades  Terminal  22 de oct 18:30
root@antonio-VirtualBox: ~
Navegador web Firefox
root@antonio-VirtualBox:~# apt install mysql-server
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias
Leyendo la información de estado... Hecho
Se instalarán los siguientes paquetes adicionales:
 libaio1 libcgi-fast-perl libcgi-pm-perl libevent-core-2.1-7 libevent-pthreads-2.1-7
 libfcgi-perl libhtml-template-perl libmecab2 mecab-ipadic mecab-ipadic-utf8 mecab-utils
 mysql-client-8.0 mysql-client-core-8.0 mysql-server-8.0 mysql-server-core-8.0
Paquetes sugeridos:
 libipc-sharedcache-perl mailx tinycd
Se instalarán los siguientes paquetes NUEVOS:
 libaio1 libcgi-fast-perl libcgi-pm-perl libevent-core-2.1-7 libevent-pthreads-2.1-7
 libfcgi-perl libhtml-template-perl libmecab2 mecab-ipadic mecab-ipadic-utf8 mecab-utils
 mysql-client-8.0 mysql-client-core-8.0 mysql-server mysql-server-8.0 mysql-server-core-8.0
0 actualizados, 16 nuevos se instalarán, 0 para eliminar y 300 no actualizados.
Se necesita descargar 36,6 MB de archivos.
Se utilizarán 317 MB de espacio de disco adicional después de esta operación.
```

Paso 3: Configurar Mysql

mysql_secure_installation

```
root@antonio-VirtualBox:~# mysql_secure_installation
```

Securing the MySQL server deployment.

Connecting to MySQL using a blank password.

VALIDATE PASSWORD COMPONENT can be used to test passwords and improve security. It checks the strength of password and allows the users to set only those passwords which are secure enough. Would you like to setup VALIDATE PASSWORD component?

Press y|Y for Yes, any other key for No: y

Press y|Y for Yes, any other key for No: y

There are three levels of password validation policy:

LOW	Length >= 8	
MEDIUM	Length >= 8, numeric, mixed case, and special characters	
STRONG	Length >= 8, numeric, mixed case, special characters and dictionary	file

Please enter 0 = LOW, 1 = MEDIUM and 2 = STRONG: 0

Skipping password set for root as authentication with auth_socket is used by default.

If you would like to use password authentication instead, this can be done with the "ALTER_USER" command.

See <https://dev.mysql.com/doc/refman/8.0/en/alter-user.html#alter-user-password-management> for more information.

By default, a MySQL installation has an anonymous user, allowing anyone to log into MySQL without having to have a user account created for them. This is intended only for testing, and to make the installation go a bit smoother. You should remove them before moving into a production environment.

```
Remove anonymous users? (Press y|Y for Yes, any other key for No) : n
... skipping.

Normally, root should only be allowed to connect from
'localhost'. This ensures that someone cannot guess at
the root password from the network.

Disallow root login remotely? (Press y|Y for Yes, any other key for No) : n
... skipping.
By default, MySQL comes with a database named 'test' that
anyone can access. This is also intended only for testing,
and should be removed before moving into a production
environment.

Remove test database and access to it? (Press y|Y for Yes, any other key for No) : y
- Dropping test database...
Success.

- Removing privileges on test database...
Success.

Reloading the privilege tables will ensure that all changes
made so far will take effect immediately.

Reload privilege tables now? (Press y|Y for Yes, any other key for No) : n
... skipping.
All done!
root@antonio-VirtualBox:~#
```

Paso 4: Comprobar el acceso a mysql

```
root@antonio-VirtualBox:~# mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 12
Server version: 8.0.39-0ubuntu0.20.04.1 (Ubuntu)

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owners.

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

mysql> █
```

Paso 5: Probar mysql.service

Instalación y configuración de MySQL [Corriendo] - Oracle VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

Actividades Terminal 22 de oct 18:44

```
root@antonio-VirtualBox: ~  
root@antonio-VirtualBox:~# systemctl status mysql.service  
● mysql.service - MySQL Community Server  
   Loaded: loaded (/lib/systemd/system/mysql.service; enabled; vendor preset: enabled)  
   Active: active (running) since Tue 2024-10-22 18:32:21 CEST; 12min ago  
     Main PID: 5415 (mysqld)  
       Status: "Server is operational"  
       Tasks: 39 (limit: 5801)  
      Memory: 365.3M  
       CGroup: /system.slice/mysql.service  
               └─5415 /usr/sbin/mysqld  
  
oct 22 18:32:19 antonio-VirtualBox systemd[1]: Starting MySQL Community Server...  
oct 22 18:32:21 antonio-VirtualBox systemd[1]: Started MySQL Community Server.  
root@antonio-VirtualBox:~#
```