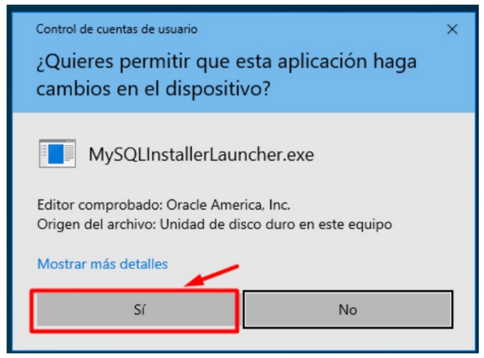
Proceso de instalación de MySQL Server Community

Para el proceso de instalación del servidor de MySQL Server Community se debe dar doble clic sobre el instalador, se aclara que el proceso se hará tomando como base un sistema operativo de tipo Windows, si se cuenta con un sistema operativo distinto puede recurrir a la información oficial presente en la página de MySQL.



Control de cuentas de usuario

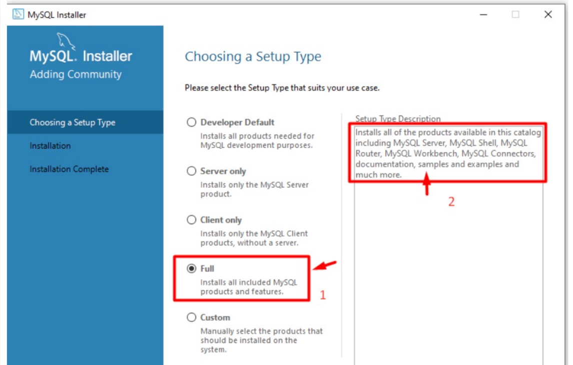
¿Quieres permitir que esta aplicación haga cambios en el dispositivo?

MySQLInstallerLauncher.exe

Editor comprobado: Oracle America, Inc.
Origen del archivo: Unidad de disco duro en este equipo

Mostrar más detalles
Sí
No

Debe dar clic en la opción Sí, para aceptar que el software en el momento de instalarse hará cambios en el sistema operativo.



MySQL Installer

MySQL. Installer
Adding Community

Choosing a Setup Type
Installation
Installation Complete

Choosing a Setup Type

Please select the Setup Type that suits your use case.

○ **Developer Default**
Installs all products needed for MySQL development purposes.

○ **Server only**
Installs only the MySQL Server product.

○ **Client only**
Installs only the MySQL Client products, without a server.

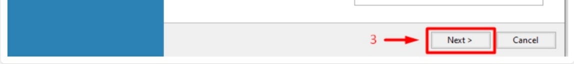
● **Full**
Installs all included MySQL products and features.

○ **Custom**
Manually select the products that should be installed on the system.

Setup Type Description

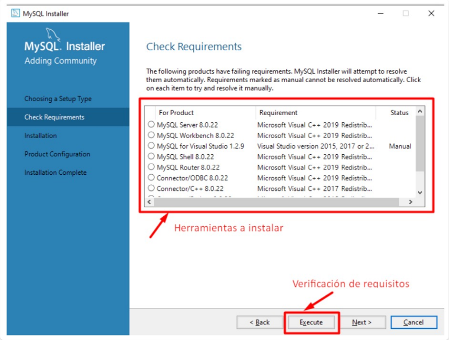
Installs all of the products available in this catalog including MySQL Server, MySQL Shell, MySQL Router, MySQL Workbench, MySQL Connectors, documentation, samples and examples and much more.

1
2


3
Next >
Cancel

Posteriormente, el instalador mostrará una serie de opciones de instalación para este caso elegir la opción Full, para que instale todas las herramientas que se pueden utilizar en el acceso y gestión de la base de datos.

Si se observa en la parte derecha de la selección se muestran las herramientas que serán instaladas junto al servidor, dentro de las cuales se encuentra el Workbench, que es la herramienta visual que se empleará para el diseño y gestión de las bases de datos.

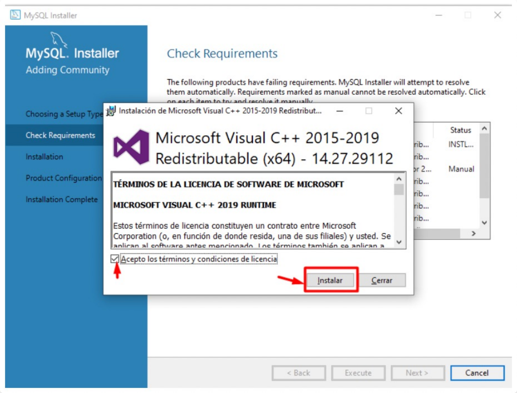

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Check Requirements
Installation
Product Configuration
Installation Complete
Check Requirements

The following products have failing requirements. MySQL Installer will attempt to resolve them automatically. Requirements marked as manual cannot be resolved automatically. Click on each item to try and resolve it manually.

For Product	Requirement	Status
○ MySQL Server 8.0.22	Microsoft Visual C++ 2019 Redistrib...	
○ MySQL Workbench 8.0.22	Microsoft Visual C++ 2019 Redistrib...	
○ MySQL for Visual Studio 1.2.9	Visual Studio version 2015, 2017 or 2...	Manual
○ MySQL Shell 8.0.22	Microsoft Visual C++ 2019 Redistrib...	
○ MySQL Router 8.0.22	Microsoft Visual C++ 2019 Redistrib...	
○ Connector/ODBC 8.0.22	Microsoft Visual C++ 2019 Redistrib...	
○ Connector/C++ 8.0.22	Microsoft Visual C++ 2017 Redistrib...	

Herramientas a instalar
Verificación de requisitos
< Back
Execute
Next >
Cancel

Según como esté actualizado su sistema operativo, este mostrará la necesidad de instalar algunos complementos como por ejemplo Visual C++, Net Framework, entre otros.


MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Check Requirements
Installation
Product Configuration
Installation Complete
Check Requirements
Instalación de Microsoft Visual C++ 2015-2019 Redistribut...
Microsoft Visual C++ 2015-2019 Redistributable (x64) - 14.27.29112
Status
INSTL...
Manual
Instalar
Cerrar
< Back
Execute
Next >
Cancel

The following products have failing requirements. MySQL Installer will attempt to resolve them automatically. Requirements marked as manual cannot be resolved automatically. Click on each item to try and resolve it manually.

TÉRMINOS DE LA LICENCIA DE SOFTWARE DE MICROSOFT

MICROSOFT VISUAL C++ 2019 RUNTIME

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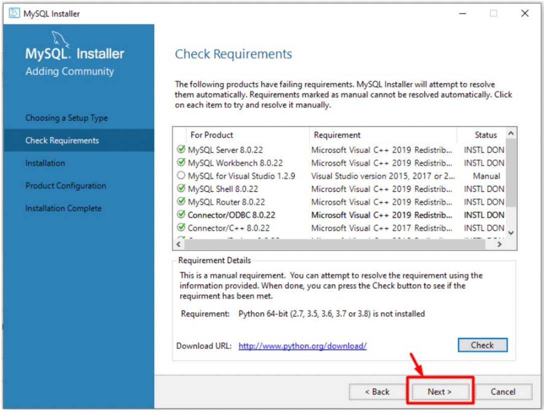
☑ Acepto los términos y condiciones de licencia

Para el caso se está haciendo la instalación en un sistema operativo totalmente limpio, recién instalado por lo que pide algunos de esos complementos.


MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Check Requirements
Installation
Product Configuration
Installation Complete
Check
< Back
Next >
Cancel

Check Requirements

The following products have failing requirements. MySQL Installer will attempt to resolve them automatically. Requirements marked as manual cannot be resolved automatically. Click on each item to try and resolve it manually.

For Product	Requirement	Status
✓ MySQL Server 8.0.22	Microsoft Visual C++ 2019 Redistrib...	INSTL DON
✓ MySQL Workbench 8.0.22	Microsoft Visual C++ 2019 Redistrib...	INSTL DON
○ MySQL for Visual Studio 1.2.9	Visual Studio version 2015, 2017 or 2...	Manual
✓ MySQL Shell 8.0.22	Microsoft Visual C++ 2019 Redistrib...	INSTL DON
✓ MySQL Router 8.0.22	Microsoft Visual C++ 2019 Redistrib...	INSTL DON
✓ Connector/ODBC 8.0.22	Microsoft Visual C++ 2019 Redistrib...	INSTL DON
✓ Connector/C++ 8.0.22	Microsoft Visual C++ 2017 Redistrib...	INSTL DON

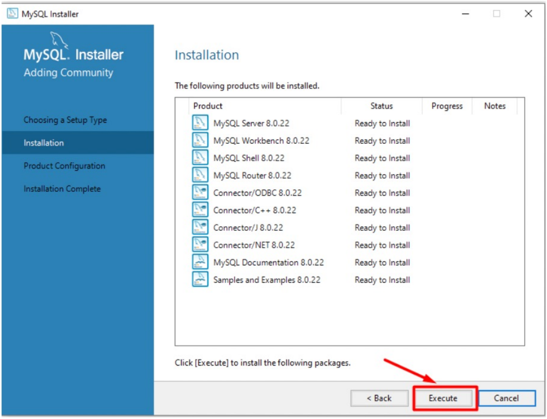
Requirement Details

This is a manual requirement. You can attempt to resolve the requirement using the information provided. When done, you can press the Check button to see if the requirment has been met.

Requirement: Python 64-bit (2.7, 3.5, 3.6, 3.7 or 3.8) is not installed

Download URL: http://www.python.org/download/

En caso contrario, si el sistema operativo en el que se está instalando se encuentra actualizado, el proceso de instalación debería continuar sin inconvenientes por lo que se da clic en la opción Next.


MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
< Back
Execute
Cancel

Installation

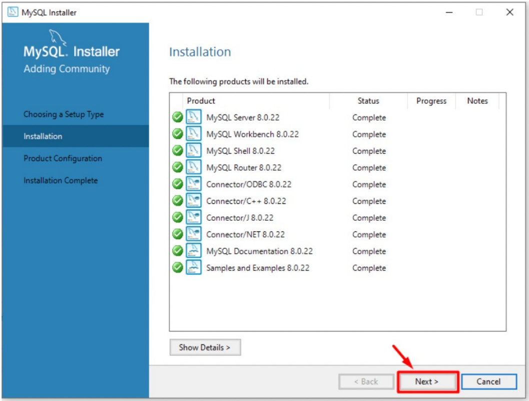
The following products will be installed.

Product	Status	Progress	Notes
MySQL Server 8.0.22	Ready to Install		
MySQL Workbench 8.0.22	Ready to Install		
MySQL Shell 8.0.22	Ready to Install		
MySQL Router 8.0.22	Ready to Install		
Connector/ODBC 8.0.22	Ready to Install		
Connector/C++ 8.0.22	Ready to Install		
Connector/J 8.0.22	Ready to Install		
Connector/NET 8.0.22	Ready to Install		
MySQL Documentation 8.0.22	Ready to Install		
Samples and Examples 8.0.22	Ready to Install		

Click [Execute] to install the following packages.

Antes de iniciar el proceso de instalación mostrará un resumen de los productos o herramientas a instalar.

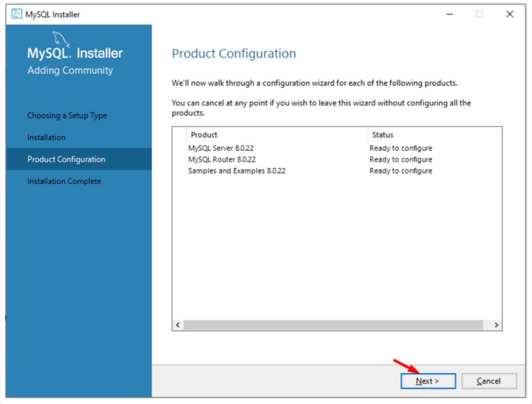
Para continuar con el proceso basta con dar clic en la opción Execute, instaladas todas las herramientas se muestra el resumen de lo ejecutado e instalado.


MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Show Details >
< Back
Next >
Cancel

Installation

The following products will be installed.

Product	Status	Progress	Notes
MySQL Server 8.0.22	Complete		
MySQL Workbench 8.0.22	Complete		
MySQL Shell 8.0.22	Complete		
MySQL Router 8.0.22	Complete		
Connector/ODBC 8.0.22	Complete		
Connector/C++ 8.0.22	Complete		
Connector/J 8.0.22	Complete		
Connector/NET 8.0.22	Complete		
MySQL Documentation 8.0.22	Complete		
Samples and Examples 8.0.22	Complete		


MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Next >
Cancel

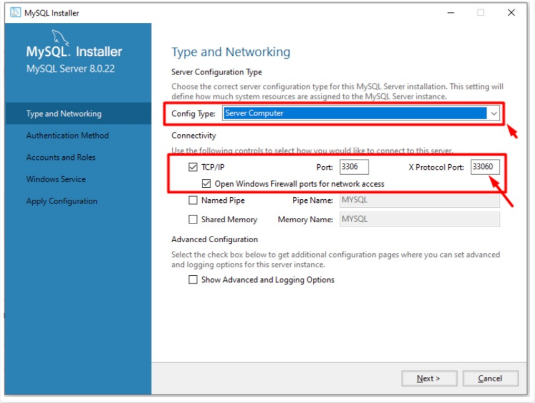
Product Configuration

We'll now walk through a configuration wizard for each of the following products.

You can cancel at any point if you wish to leave this wizard without configuring all the products.

Product	Status
MySQL Server 8.0.22	Ready to configure
MySQL Router 8.0.22	Ready to configure
Samples and Examples 8.0.22	Ready to configure

El siguiente paso será realizar la configuración de los servicios instalados.


MySQL Installer
MySQL. Installer
MySQL Server 8.0.22
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Next >
Cancel

Type and Networking

Server Configuration Type

Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.

Config Type: Server Computer

Connectivity

Use the following controls to select how you would like to connect to this server.

☑ TCP/IP Port: 3306 X Protocol Port: 33060

☑ Open Windows Firewall ports for network access

☐ Named Pipe Pipe Name: MYSQL

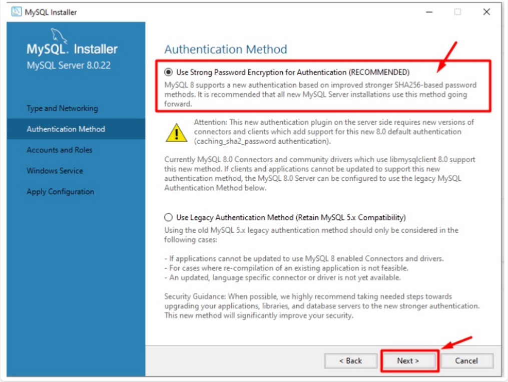
☐ Shared Memory Memory Name: MYSQL

Advanced Configuration

Select the check box below to get additional configuration pages where you can set advanced and logging options for this server instance.

☐ Show Advanced and Logging Options

Lo primero será elegir el tipo de servidor y el puerto que va a utilizar, en este caso se selecciona Server Computer y el puerto de comunicaciones se deja el que por defecto utiliza MySQL, es decir, el 3306 de tipo TCP.


MySQL Installer
MySQL. Installer
MySQL Server 8.0.22
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
< Back
Next >
Cancel

Authentication Method

● Use Strong Password Encryption for Authentication (RECOMMENDED)

MySQL 8 supports a new authentication based on improved stronger SHA256-based password methods. It is recommended that all new MySQL Server installations use this method going forward.

Attention: This new authentication plugin on the server side requires new versions of connectors and clients which add support for this new 8.0 default authentication (caching_sha2_password authentication).

Currently MySQL 8.0 Connectors and community drivers which use libmysqlclient 8.0 support this new method. If clients and applications cannot be updated to support this new authentication method, the MySQL 8.0 Server can be configured to use the legacy MySQL Authentication Method below.

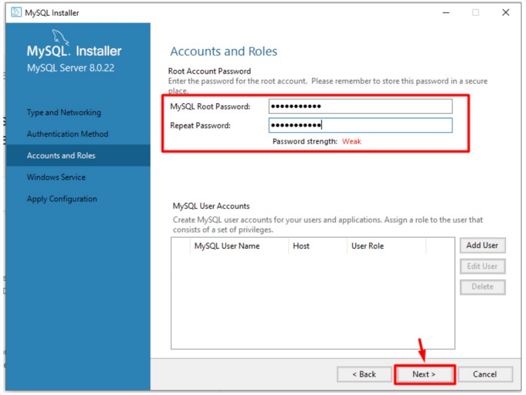
○ Use Legacy Authentication Method (Retain MySQL 5.x Compatibility)

Using the old MySQL 5.x legacy authentication method should only be considered in the following cases:

- If applications cannot be updated to use MySQL 8 enabled Connectors and drivers.
- For cases where re-compilation of an existing application is not feasible.
- An updated, language specific connector or driver is not yet available.

Security Guidance: When possible, we highly recommend taking needed steps towards upgrading your applications, libraries, and database servers to the new stronger authentication. This new method will significantly improve your security.

La siguiente opción permite configurar una contraseña segura, siguiendo las recomendaciones de seguridad o utilizando el método de autenticación heredado de las versiones anteriores, en este caso se utiliza la estrategia de contraseñas seguras.


MySQL Installer
MySQL. Installer
MySQL Server 8.0.22
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Add User
Edit User
Delete
< Back
Next >
Cancel

Accounts and Roles

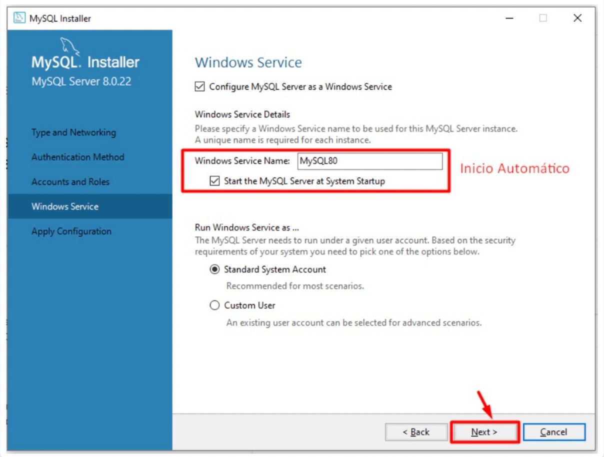
Root Account Password
Enter the password for the root account. Please remember to store this password in a secure place.

MySQL Root Password: ••••••••••••
Repeat Password: ••••••••••••
Password strength: Weak

MySQL User Accounts
Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

MySQL User Name	Host	User Role

Se agrega una contraseña segura, recuerde utilizar siempre contraseñas que mezclen números, letras y caracteres especiales para el usuario súper administrador o root, si se desea se pueden agregar más usuarios de acuerdo con la necesidad que se tenga, la recomendación es por cada instancia de base de datos tener un usuario con acceso exclusivo a esa base de datos.


MySQL Installer
MySQL. Installer
MySQL Server 8.0.22
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Inicio Automático
< Back
Next >
Cancel

Windows Service

☑ Configure MySQL Server as a Windows Service

Windows Service Details
Please specify a Windows Service name to be used for this MySQL Server instance.
A unique name is required for each instance.

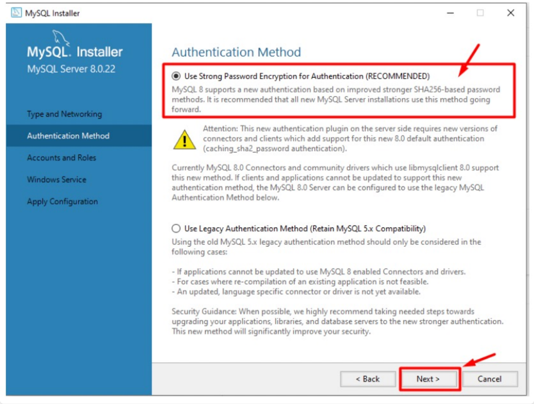
Windows Service Name: MySQL80
☑ Start the MySQL Server at System Startup

Run Windows Service as ...
The MySQL Server needs to run under a given user account. Based on the security requirements of your system you need to pick one of the options below.

● Standard System Account
Recommended for most scenarios.

○ Custom User
An existing user account can be selected for advanced scenarios.

Lo primero será elegir el tipo de servidor y el puerto que va a utilizar, en este caso se selecciona Server Computer y el puerto de comunicaciones se deja el que por defecto utiliza MySQL, es decir, el 3306 de tipo TCP.


MySQL Installer
MySQL. Installer
MySQL Server 8.0.22
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
< Back
Next >
Cancel

Authentication Method

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○ Use Legacy Authentication Method (Retain MySQL 5.x Compatibility)

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- For cases where re-compilation of an existing application is not feasible.
- An updated, language specific connector or driver is not yet available.

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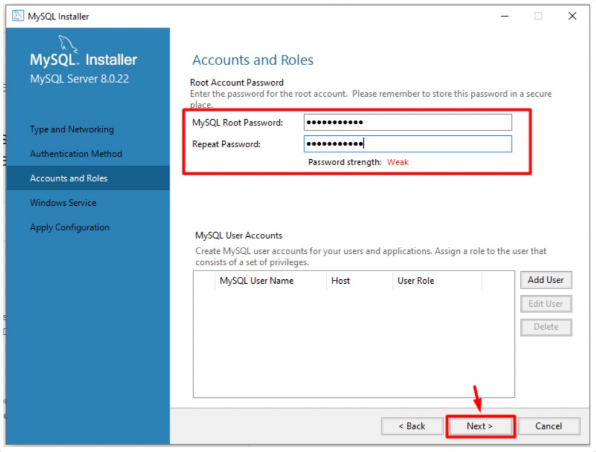

MySQL Installer
MySQL. Installer
MySQL Server 8.0.22
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Add User
Edit User
Delete
< Back
Next >
Cancel

Accounts and Roles

Root Account Password

Enter the password for the root account. Please remember to store this password in a secure place.

MySQL Root Password: ●●●●●●●●●●●

Repeat Password: ●●●●●●●●●●●

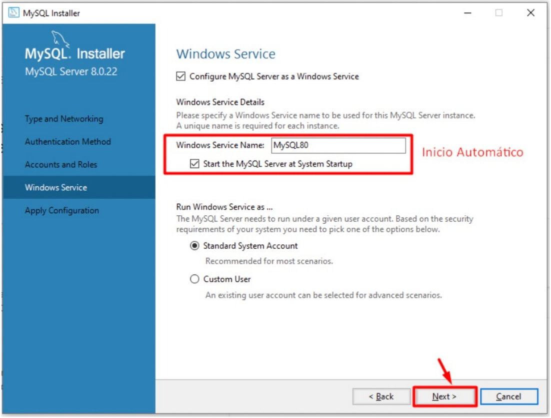
Password strength: Weak

MySQL User Accounts

Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.

MySQL User Name	Host	User Role

Se agrega una contraseña segura, recuerde utilizar siempre contraseñas que mezclen números, letras y caracteres especiales para el usuario súper administrador o root, si se desea se pueden agregar más usuarios de acuerdo con la necesidad que se tenga, la recomendación es por cada instancia de base de datos tener un usuario con acceso exclusivo a esa base de datos.


MySQL Installer
MySQL. Installer
MySQL Server 8.0.22
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Inicio Automático
< Back
Next >
Cancel

Windows Service

☑ Configure MySQL Server as a Windows Service

Windows Service Details

Please specify a Windows Service name to be used for this MySQL Server instance.
A unique name is required for each instance.

Windows Service Name: MySQL80

☑ Start the MySQL Server at System Startup

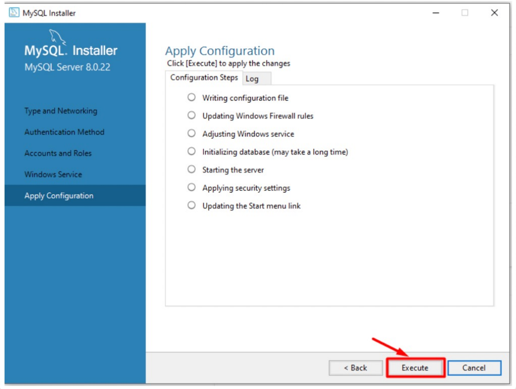
Run Windows Service as ...

The MySQL Server needs to run under a given user account. Based on the security requirements of your system you need to pick one of the options below.

● Standard System Account
Recommended for most scenarios.

○ Custom User
An existing user account can be selected for advanced scenarios.

Ahora, se debe seleccionar la opción para garantizar que el servicio de MySQL se inicie de manera automática al iniciar el computador.

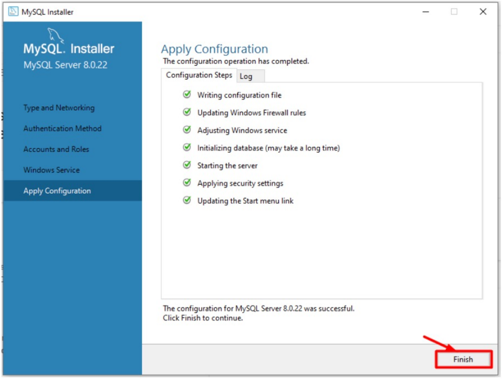

MySQL Installer
MySQL. Installer
MySQL Server 8.0.22
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Configuration Steps
Log
< Back
Execute
Cancel

Apply Configuration

Click [Execute] to apply the changes

○ Writing configuration file
○ Updating Windows Firewall rules
○ Adjusting Windows service
○ Initializing database (may take a long time)
○ Starting the server
○ Applying security settings
○ Updating the Start menu link

Finalmente se aplica la configuración y se da clic en Execute para que las configuraciones se apliquen.


MySQL Installer
MySQL. Installer
MySQL Server 8.0.22
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Configuration Steps
Log
Finish

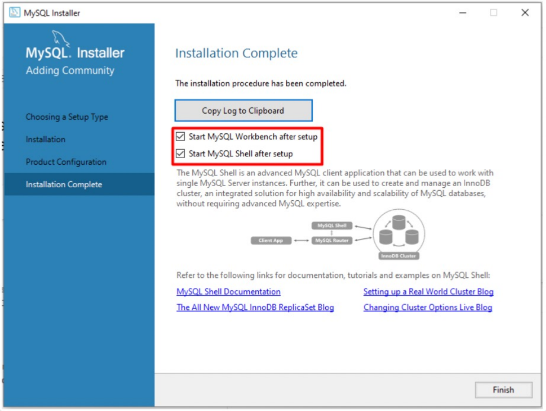
Apply Configuration

The configuration operation has completed.

- ✓ Writing configuration file
- ✓ Updating Windows Firewall rules
- ✓ Adjusting Windows service
- ✓ Initializing database (may take a long time)
- ✓ Starting the server
- ✓ Applying security settings
- ✓ Updating the Start menu link

The configuration for MySQL Server 8.0.22 was successful.
Click Finish to continue.

Una vez realizadas las configuraciones se da clic en Finish.


MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Installation
Product Configuration
Installation Complete
Copy Log to Clipboard
MySQL Shell
Client App
MySQL Router
InnoDB Cluster
Finish

Installation Complete

The installation procedure has been completed.

☑ Start MySQL Workbench after setup

☑ Start MySQL Shell after setup

The MySQL Shell is an advanced MySQL client application that can be used to work with single MySQL Server instances. Further, it can be used to create and manage an InnoDB cluster, an integrated solution for high availability and scalability of MySQL databases, without requiring advanced MySQL expertise.

Refer to the following links for documentation, tutorials and examples on MySQL Shell:

MySQL Shell Documentation
Setting up a Real World Cluster Blog
The All New MySQL InnoDB ReplicaSet Blog
Changing Cluster Options Live Blog

Y mostrará una pantalla como la siguiente, en la que se confirma el proceso de instalación y se inician los servicios.

Al finalizar el proceso se carga de manera automática el servidor MySQL a través de una interfaz de consola de comandos y del gráfico mediante el Workbench.