

## Guide d'installation de MySQL sur Windows

- 1. Téléchargement de MySQL
- a) Visitez le site officiel de MySQL : https://dev.mysql.com/downloads/
- b) Sélectionnez MySQL Installer for Windows.

#### C A ttps://dev.mysql.com/downloads/

#### MySQL Community Downloads

- MySQL Yum Repository
   MySQL APT Repository
   MySQL SUSE Repository
   MySQL Community Server
- MySQL NDB Cluster
- MySQL Router
- MySQL Shell
- MySQL Operator
- MySQL NDB Operator
- MySQL Workbench
- · MySQL Workbenen
- MySQL Installer for Windows

- C API (libmysqlclient)
- Connector/C++
   Connector/I
- Connector/NET
- Connector/Node.js
- Connector/ODBC
- Connector/Python
- MySQL Native Driver for PHP
- MySQL Benchmark Tool
- Time zone description tables
- Download Archives

C) Téléchargez le fichier mysqlinstaller-community.exe pour une installation complète (la version avec la plus grande taille).

Select Version:			
8.0.42	~		
Select Operating System:			
Microsoft Windows	~		
Windows (x86, 32-bit), MSI Installer	8.0.42	2.1M	Download
(mysql-installer-web-community-8.0.42.0.msi)	MD5: 48c8d3217ab	5921c9c20ff3c9a5	7798e   Signature
Windows (x86, 32-bit), MSI Installer	8.0.42	353.7M	Download
(mysql-installer-community-8.0.42.0.msi)	MD5: b0406f4ea3e	5942909f6b054f95	75e12   Signature

## 2. Installation de MySQL

- a) Exécutez l'installateur (.exe téléchargé).
- b) Choisissez le type d'installation : Custom (installation personnalisée)







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- c) Sélectionnez les composantes suivantes:
  - MySQL Server 8.0.41 X64 (serveur SGBD)
  - MySQL Workbench 8.0.41 X64 (Interface graphique de requêtage)
  - MySQL Shell 8.0.41 -X64 (requêtage via ligne de commande Shell)

MySQL Installer		-
MySQL. Installer Adding Community	Select Products Please select the products you would like to Filter:	s install on this computer.
Choosing a Setup Type	All Software, Current Bundle, Any	Edit
Select Products	Available Products:	Products To Be Installed:
Check Requirements Installation Product Configuration Installation Complete	MySQL Servers     MySQL Server 8.0     MySQL Server 8.0     MySQL Server 8.0     MySQL Server 8.0     MySQL Workbench     MySQL Workbench 8.0     MySQL Workbench 8.0     MySQL Workbench 8.0     MySQL Shell 8.0     MySQL 8	MySQL Server 8.0.42 - X64 - MySQL Workbendt 8.0.42 - X64 - MySQL Shell 8.0.42 - X64
	Published: mardi 15 anti 2025 Renase Notes: <u>https://doi.missil.com/doi/vebores/m</u>	Canable the Select Features page to Customize product features

- d) Cliquez sur Next et laissez le programme télécharger les composants nécessaires.
- e) Cliquez sur Exécute pour commencer l'installation des composantes.

_	_	×
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 products.	to leave this wizard without configuring all the	
Product	Status	
MySQL Server 8.0.42	Ready to configure	
	Product Configuration We'll now walk through a configuration You can cancel at any point if you wish the products. Product MySQL Server 8.0.42	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 8.0.42       Ready to configure

### 3. Configuration de MySQL

- a) Type de configuration : Sélectionnez « Developement computer ».
- b) Assurez-vous que le port 3306 et XProtocol 33060 sont sélectionnés et cliquez sur Next.

MySQL. Installer	Type and Networ	king			
MySQL Server 8.0.42	Server Configuration Type				
	Choose the correct server of define how much system r	configuration type fo esources are assigne	r this MySQL Ser d to the MySQL !	ver installation. This : Server instance.	setting v
Type and Networking	Config Type: Developme	nt Computer			```
Authentication Method	Connectivity				
	Use the following controls	to select how you w	ould like to comm	ect to this server.	
Accounts and Roles		Port	3306	X Protocol Port	33060
Accounts and Roles Windows Service	TCP/IP	Port: s Firewall ports for n	3306 etwork access	X Protocol Port:	33060
Accounts and Roles Windows Service Server File Permissions	☑ TCP/IP ☑ Open Window ☑ Named Pipe	Port: s Firewall ports for n Pipe Name:	3306 etwork access MYSQL	X Protocol Port:	33060
Accounts and Roles Windows Service Server File Permissions Logging Options	<ul> <li>✓ TCP/IP</li> <li>✓ Open Window</li> <li>✓ Named Pipe</li> <li>✓ Shared Memory</li> </ul>	Port: s Firewall ports for n Pipe Name: Memory Name:	3306 etwork access MYSQL MYSQL	X Protocol Port:	33060
Accounts and Roles Windows Service Server File Permissions Logging Options Advanced Options	TCP/IP  TCP/IP  Open Window Named Pipe Shared Memory Advanced Configuration	Port: s Firewall ports for n Pipe Name: Memory Name:	3306 etwork access MYSQL MYSQL	X Protocol Port:	33060











- c) Sélectionnez : Use Strong Password Encryption for Authentication puis cliquez sur Next.
- d) Entrez et confirmez un mot de passe sécurisé pour l'utilisateur root. Cliquez sur Next.

MySQL. Installer	Authentication Method
	Use Strong Password Encryption for Authentication (RECOMMENDED)
Type and Networking	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.
Named Pipe	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 hash assessment authentication)
Authentication Method	(caching_shat_passion addictication).
Accounts and Roles	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
Windows Service	Authentication Method below.
MySQL Installer	- D
MySQL Server 8.0.42	Root Account Password Enter the password for the root account. Please remember to store this password in a secure place.
MySQL Server 8.0.42 Type and Networking	Root Account Password Enter the password for the root account. Please remember to store this password in a secure place. MySQL Root Password:
MySQL Server 8.0.42 Type and Networking Named Pipe	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:
MySQL Server 8.0.42 Type and Networking Named Pipe Authentication Method	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:

- e) Choisissez : Configure MySQL Server as Windows Service.
- f) Sélectionnez le compte utilisateur sous lequel MySQL fonctionnera.







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g) Cliquez Next sur l'étape de sécurité sans rien changer.



#### h) Cliquez sur Exécute pour appliquer la configuration et démarrer MySQL.

MySQL Server 8.0.42	Apply Configuration Click [Execute] to apply the changes Configuration Steps Log	MySQL. Installer Adding Community	Installation Complete The installation procedure has been completed.
Type and Networking Named Pipe Authentication Method Accounts and Roles Windows Service Server File Permissions Logging Options Advanced Options Apply Configuration	<ul> <li>Writing configuration file</li> <li>Updating Windows Firewall rules</li> <li>Adjusting Windows service</li> <li>Initializing database (may take a long time)</li> <li>Updating permissions for the data folder and related server files</li> <li>Starting the server</li> <li>Applying security settings</li> <li>Updating the Start menu link</li> </ul>	Choosing a Setup Type Select Products Check Requirements Installation Product Configuration Installation Complete	Copy Log to Clipboard         Image: Clipboard

i) À la fin de l'installation, ouvrez MySQL Workbench ou MySQL Shell pour tester la connexion

MySQL Workbench			-	
File Edit View Database Toole	Scription Help			
	Welcome to	o MySQL	Workbench	
	MySQL Workbench is the official g create and browse your databa design and run SQL queries to work data	graphical user interface (GUI) tool f se schemas, work with database o k with stored data. You can also m base vendors to your MySQL data	for MySQL. It allows you to design, bjects and insert data as well as igrate schemas and data from other base.	
	Browse Documentation >	Read the Blog >	Discuss on the Forums >	
MySQL Con Local instance # root ** localhost3306	mections () () MySQL80		۹. Filter con	nections





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# 4. Vérification de l'installation :

- a) Allez à l'application
   installée MySQL 8.0
   Command Line Client
   (invite de commandes)
- b) Entrez votre mot de passe root et vérifiez que MySQL fonctionne.

H <sub>2</sub> /2	MySQL	8.0	Command	Line	Client
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Enter password: ***********
Welcome to the MySQL monitor. Commands end with ; or $g$ .
Your MySQL connection id is 11
Server version: 8.0.42 MySQL Community Server - GPL
Copyright (c) 2000, 2025, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its 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>

- c) Tapez la commande: « Show Databases; »
- d) Vérifiez bien qu'il affiche des résultats.

MySQL 8.0 Command Line Client
Enter password: ************* Welcome to the MySQL monitor. Commands end with ; or \g. Your MySQL connection id is 13 Server version: 8.0.42 MySQL Community Server - GPL
Copyright (c) 2000, 2025, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its 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> show databases; +
Database
information_schema     mysql     performance_schema     sys
4 rows in set (0.02 sec)
mysql>



