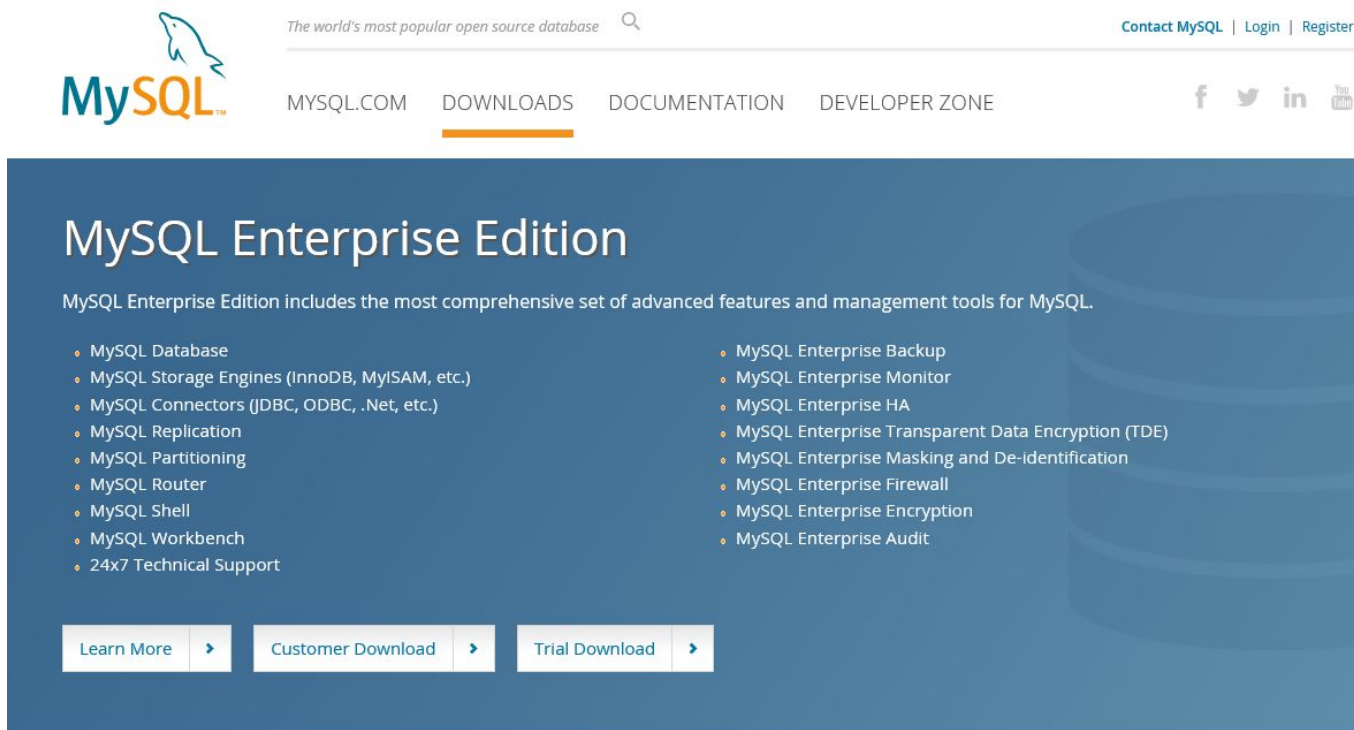


MySQL 시작하기

MySQL 다운로드

➤ 주소: <https://www.mysql.com/downloads/>



The screenshot shows the MySQL website's 'Downloads' section for the Enterprise Edition. The header includes the MySQL logo, the tagline 'The world's most popular open source database', and navigation links for 'Contact MySQL', 'Login', and 'Register'. Below the header, the 'DOWNLOADS' menu item is highlighted. The main content area features the title 'MySQL Enterprise Edition' and a description: 'MySQL Enterprise Edition includes the most comprehensive set of advanced features and management tools for MySQL.' Two columns of features are listed, each with a blue circular icon. At the bottom, three buttons are provided: 'Learn More', 'Customer Download', and 'Trial Download', each with a right-pointing arrow.

The world's most popular open source database

Contact MySQL | Login | Register

MYSQL.COM DOWNLOADS DOCUMENTATION DEVELOPER ZONE

MySQL Enterprise Edition

MySQL Enterprise Edition includes the most comprehensive set of advanced features and management tools for MySQL.

- MySQL Database
- MySQL Storage Engines (InnoDB, MyISAM, etc.)
- MySQL Connectors (JDBC, ODBC, .Net, etc.)
- MySQL Replication
- MySQL Partitioning
- MySQL Router
- MySQL Shell
- MySQL Workbench
- 24x7 Technical Support

- MySQL Enterprise Backup
- MySQL Enterprise Monitor
- MySQL Enterprise HA
- MySQL Enterprise Transparent Data Encryption (TDE)
- MySQL Enterprise Masking and De-identification
- MySQL Enterprise Firewall
- MySQL Enterprise Encryption
- MySQL Enterprise Audit

Learn More > Customer Download > Trial Download >

MySQL 다운로드

➤ 주소: <https://dev.mysql.com/downloads/installer/>



More Countries »

Contact Us Online »



NoSQL + SQL = MySQL

Learn More »

The world's most popular open source database 🔍

[Contact MySQL](#) | [Login](#) | [Register](#)

[MYSQL.COM](#) [DOWNLOADS](#) [DOCUMENTATION](#) [DEVELOPER ZONE](#)

- MySQL Cluster Manager
- Plus, everything in MySQL Enterprise Edition

[Learn More »](#)

[Customer Download »](#) (Select Patches & Updates Tab, Product Search)

[Trial Download »](#)

[MySQL Community \(GPL\) Downloads »](#)

MySQL 다운로드

MySQL Community Downloads

- MySQL Yum Repository
- MySQL APT Repository
- MySQL SUSE Repository
- MySQL Community Server
- MySQL Cluster
- MySQL Router
- MySQL Shell
- MySQL Workbench
- MySQL Installer for Windows
- MySQL for Excel
- MySQL for Visual Studio
- MySQL Notifier
- Connector/C (libmysqlclient)
- Connector/C++
- Connector/J
- Connector/NET
- Connector/Node.js
- Connector/ODBC
- Connector/Python
- MySQL Native Driver for PHP
- MySQL Benchmark Tool
- Time zone description tables
- Download Archives

Generally Available (GA) Releases


MySQL Community Server 8.0.17

Select Operating System: Microsoft Windows Looking for previous GA versions?

Recommended Download:

MySQL Installer
for Windows

All MySQL Products. For All Windows Platforms.
In One Package.



Starting with MySQL 5.8 the MySQL Installer package replaces the standalone MSI packages.

Windows (x86, 32 & 64-bit), MySQL Installer MSI [Go to Download Page >](#)

Other Downloads:

Windows (x86, 64-bit), ZIP Archive (mysql-8.0.17-winx64.zip)	8.0.17	254.2M	Download
		MD5: d120bb0513c2ccfaeee74b0e99217bb7	Signature
Windows (x86, 64-bit), ZIP Archive Debug Binaries & Test Suite (mysql-8.0.17-winx64-debug-test.zip)	8.0.17	388.2M	Download
		MD5: 16478256aeda23d9df35406fa6f504d3	Signature

i We suggest that you use the [MD5 checksums](#) and [GnuPG signatures](#) to verify the integrity of the packages you download.

MySQL 다운로드

MySQL Community Downloads

MySQL Installer

Generally Available (GA) Releases


MySQL Installer 8.0.17

Select Operating System:

Microsoft Windows

[Looking for previous GA versions?](#)

Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.17.0.msi)	8.0.17	18.5M	Download
MD5: 567707887fc0d1fad7fc848a878a0da2 Signature			
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.17.0.msi)	8.0.17	393.4M	Download
MD5: 3aa8d6470fb6b58f517d3efb46e5472b Signature			

 We suggest that you use the [MD5 checksums](#) and [GnuPG signatures](#) to verify the integrity of the packages you download.

MySQL Community Downloads

Login Now or Sign Up for a free account.

An Oracle Web Account provides you with the following advantages:

- Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system

Login »

using my Oracle Web account

Sign Up »

for an Oracle Web account

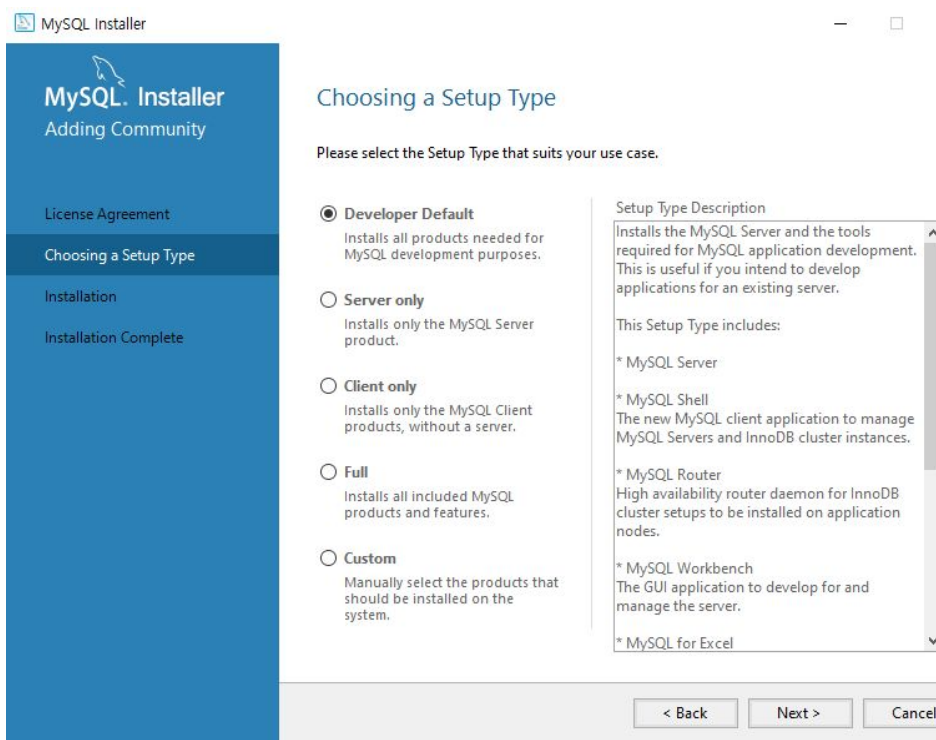
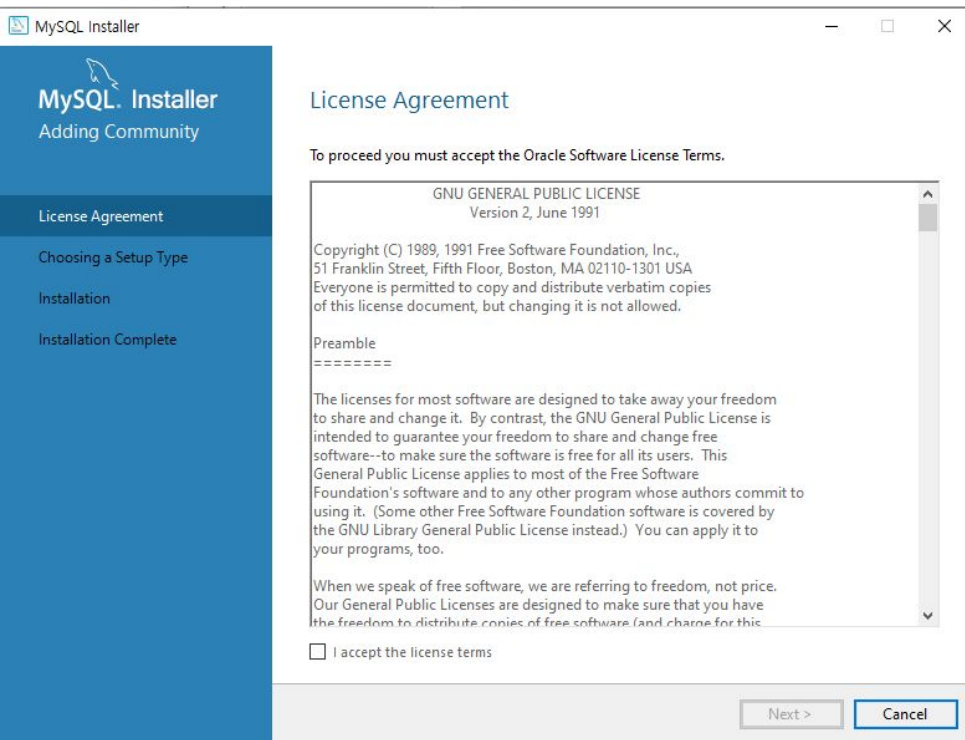
MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can signup for a free account by clicking the Sign Up link and following the instructions.

No thanks, just start my download.

MySQL 설치: Server Configuration

✓ 오늘 (1)

mysql-installer-community-8.0.17.0.msi



MySQL 설치: Server Configuration

MySQL Installer

MySQL Server 8.0.17

High Availability

Type and Networking

Authentication Method

Accounts and Roles

Windows Service

Logging Options

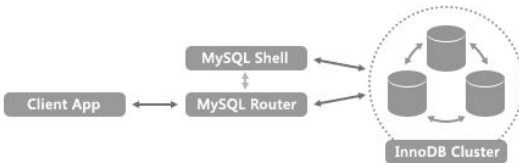
Advanced Options

Apply Configuration

High Availability

☒ **Standalone MySQL Server / Classic MySQL Replication**
Choose this option to run the MySQL instance as a standalone database server with the opportunity to configure classic replication later. With this option, you can provide your own high-availability solution, if required.

☐ **InnoDB Cluster**
The InnoDB cluster technology provides an out-of-the-box high availability (HA) solution for MySQL using Group Replication.



```
graph LR
    ClientApp[Client App] <--> MySQLRouter[MySQL Router]
    MySQLRouter <--> MySQLShell[MySQL Shell]
    MySQLShell <--> InnoDBCluster((InnoDB Cluster))
    InnoDBCluster <--> MySQLRouter
```

Note: [InnoDB cluster](#) requires a minimum of three MySQL server instances to provide a fully automated HA solution. Members of a cluster should be located such that network communication latency between servers is low.

MySQL Installer

MySQL Server 8.0.17

High Availability

Type and Networking

Authentication Method

Accounts and Roles

Windows Service

Apply Configuration

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: Development 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

Next >

Cancel

< Back

Next >

Cancel

MySQL 설치: Server Configuration

MySQL Installer

MySQL. Installer

MySQL Server 8.0.17

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Apply Configuration

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.

< Back

Next >

Cancel

MySQL Installer

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MySQL Server 8.0.17

High Availability

Type and Networking

Authentication Method

Accounts and Roles

Windows Service

Apply Configuration

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:

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

Add User

Edit User

Delete

< Back

Next >

Cancel

MySQL 설치: Server Configuration

MySQL Installer

MySQL Server 8.0.17

High Availability

Type and Networking

Authentication Method

Accounts and Roles

Windows Service

Apply Configuration

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:

☐ 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.

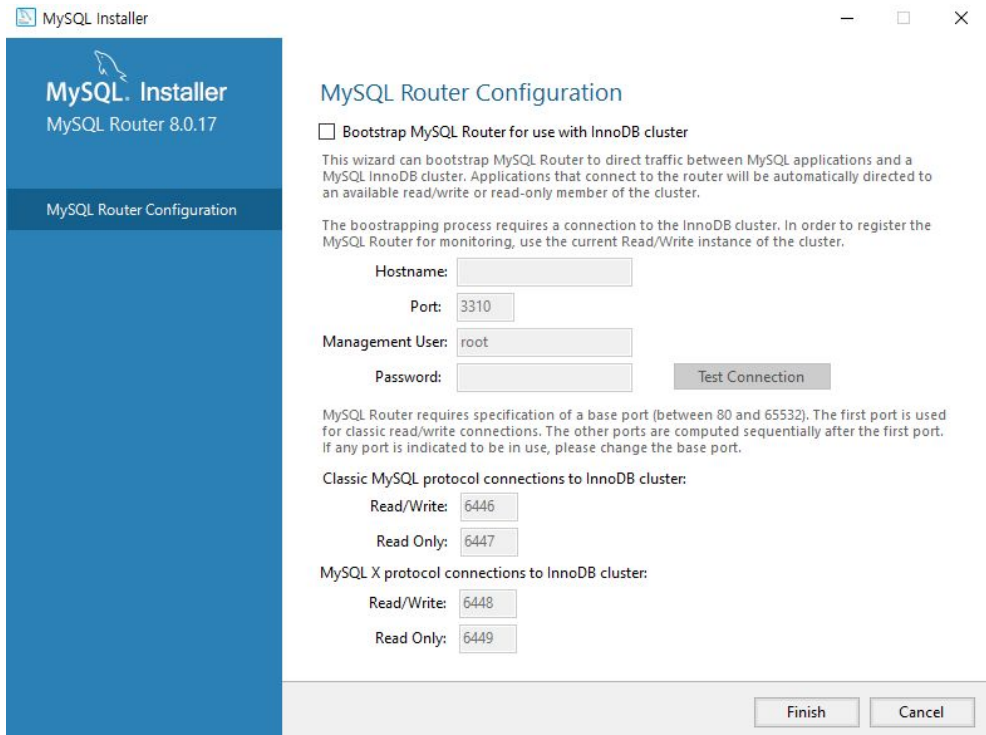
< Back

Next >

Cancel

MySQL 설치: Router Configuration

skip!



The image shows a screenshot of the MySQL Installer window, specifically the 'MySQL Router Configuration' tab. The window has a blue header with the MySQL logo and 'MySQL Router 8.0.17'. The main content area is white and contains the following elements:

- MySQL Router Configuration** (Section Header)
- ☐ **Bootstrap MySQL Router for use with InnoDB cluster**
This wizard can bootstrap MySQL Router to direct traffic between MySQL applications and a MySQL InnoDB cluster. Applications that connect to the router will be automatically directed to an available read/write or read-only member of the cluster.
- The bootstrapping process requires a connection to the InnoDB cluster. In order to register the MySQL Router for monitoring, use the current Read/Write instance of the cluster.
- Hostname:** [Text Field]
- Port:** [Text Field with value 3310]
- Management User:** [Text Field with value root]
- Password:** [Text Field]
- Test Connection** (Button)
- MySQL Router requires specification of a base port (between 80 and 65532). The first port is used for classic read/write connections. The other ports are computed sequentially after the first port. If any port is indicated to be in use, please change the base port.
- Classic MySQL protocol connections to InnoDB cluster:**
 - Read/Write:** [Text Field with value 6446]
 - Read Only:** [Text Field with value 6447]
- MySQL X protocol connections to InnoDB cluster:**
 - Read/Write:** [Text Field with value 6448]
 - Read Only:** [Text Field with value 6449]
- Finish** (Button) and **Cancel** (Button) at the bottom right.

Connect To Server

MySQL Installer

MySQL. Installer
Samples and Examples

Connect To Server

Apply Configuration

Connect To Server

Select the MySQL server instances from the list to receive sample schemas and data.


☐ Show MySQL Server instances that may be running in read-only mode

	Server	Port	Arch...	Type	Status
<input checked="" type="checkbox"/>	MySQL Server 8.0.17	3306	X64	Stand-alone Server	Connection succeeded.

Provide the credentials that should be used (requires root privileges).
Click "Check" to ensure they work.

User name: Credentials provided in Server configuration

Password:



MySQL 실행

C:\Program Files\MySQL\MySQL Shell 8.0\bin\mysqlsh.exe

— □ ×

MySQL Shell 8.0.17

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Type '##help' or '##?' for help; '##quit' to exit.

MySQL JS >

MySQL 환경변수 설정 (선택)

- **설치 경로: C:\Program Files\MySQL**
 - 서버 bin 폴더 경로: C:\Program Files\MySQL\MySQL Server 8.0\bin
- **환경변수에 path 추가**
 - 제어판 > 시스템 및 보안 > 시스템
 - 고급 시스템 설정 > 환경변수 > 시스템변수 > path > [편집]
 - [새로 만들기] > C:\Program Files\MySQL\MySQL Server 8.0\bin 입력
- **환경변수 설정 후 컴퓨터 어떤 경로에서라도 접근 가능해짐**