

MySQL-Windows安装

1. 下载MySQL
2. 安装MySQL
3. 配置MySQL环境变量
4. MySQL的连接和使用

1. 下载MySQL

- 下载地址: <https://dev.mysql.com/downloads/>
- 选择**MySQL Installer for Windows**

⬇ 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 Visual Studio
- C API (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

- 选择下面这个:

[General Availability \(GA\) Releases](#)[Archives](#)[i](#)

MySQL Installer 8.0.28

Select Operating System:

Microsoft Windows

Looking for previous GA versions?

Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.28.0.msi)	8.0.28	2.3M	Download
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.28.0.msi)	8.0.28	435.7M	Download

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

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MySQL Community Downloads

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- Download technical White Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system

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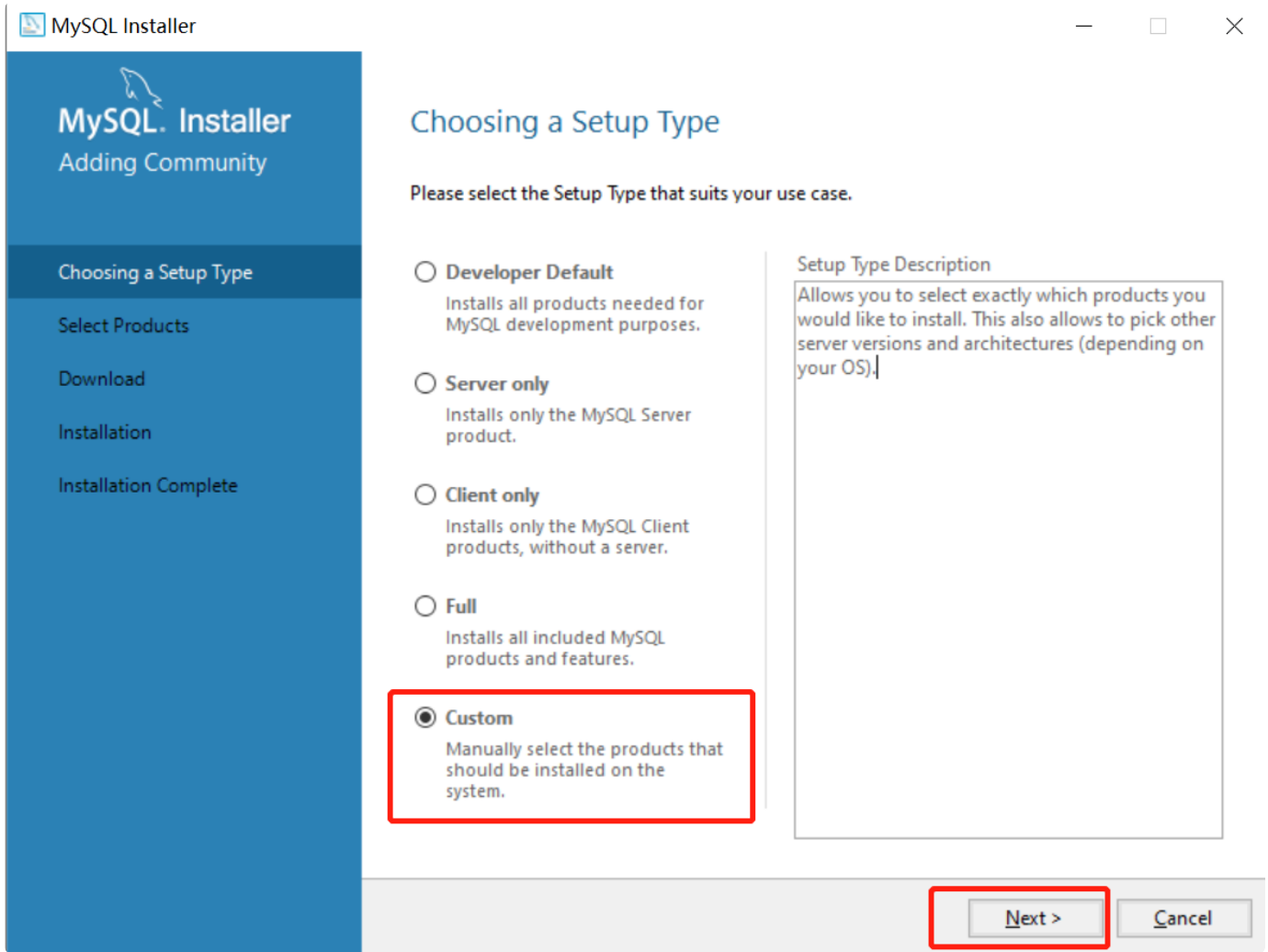
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MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can signup for a free account by clicking the Sign Up link and following the instructions.

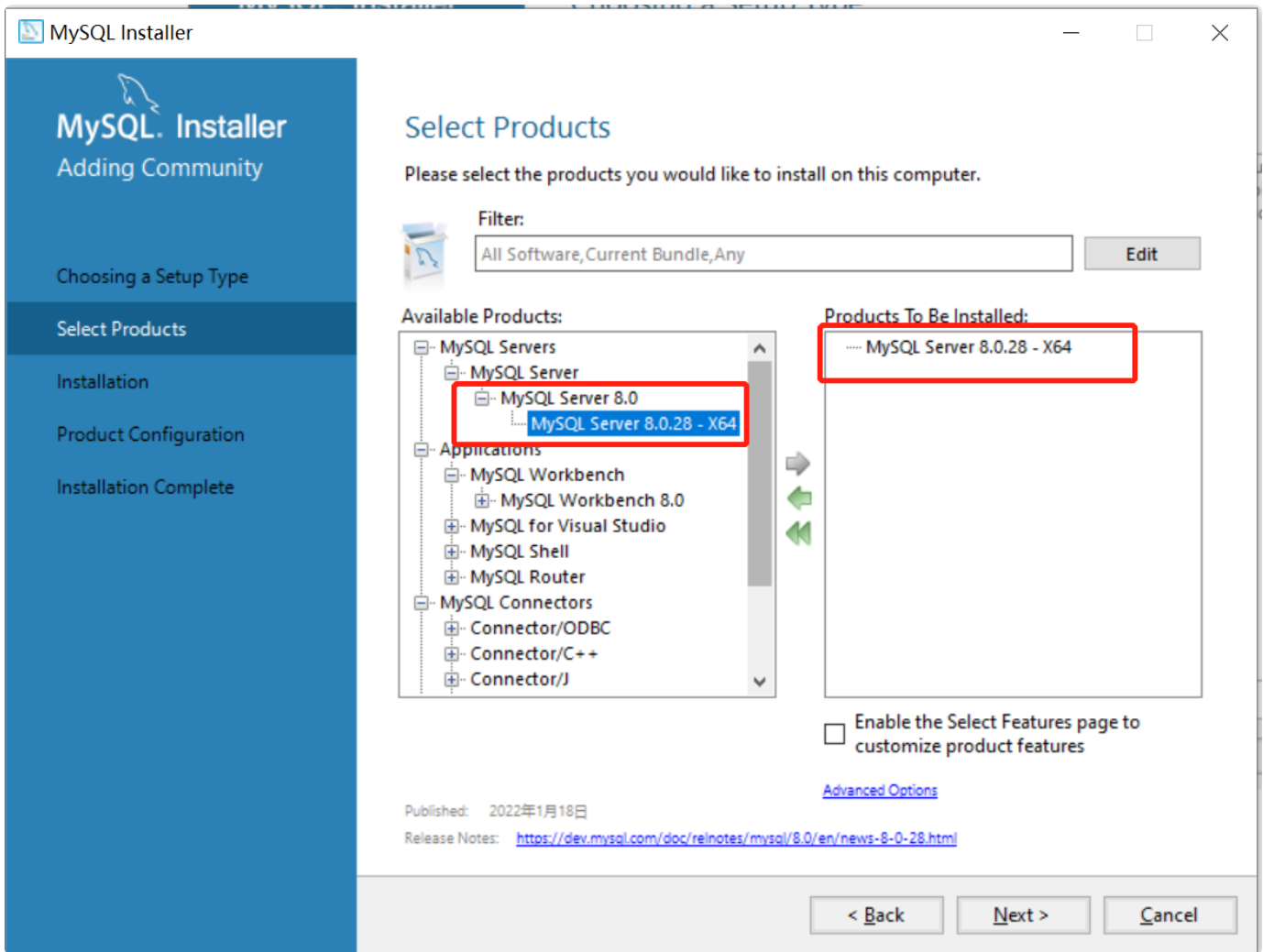
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2. 安装MySQL

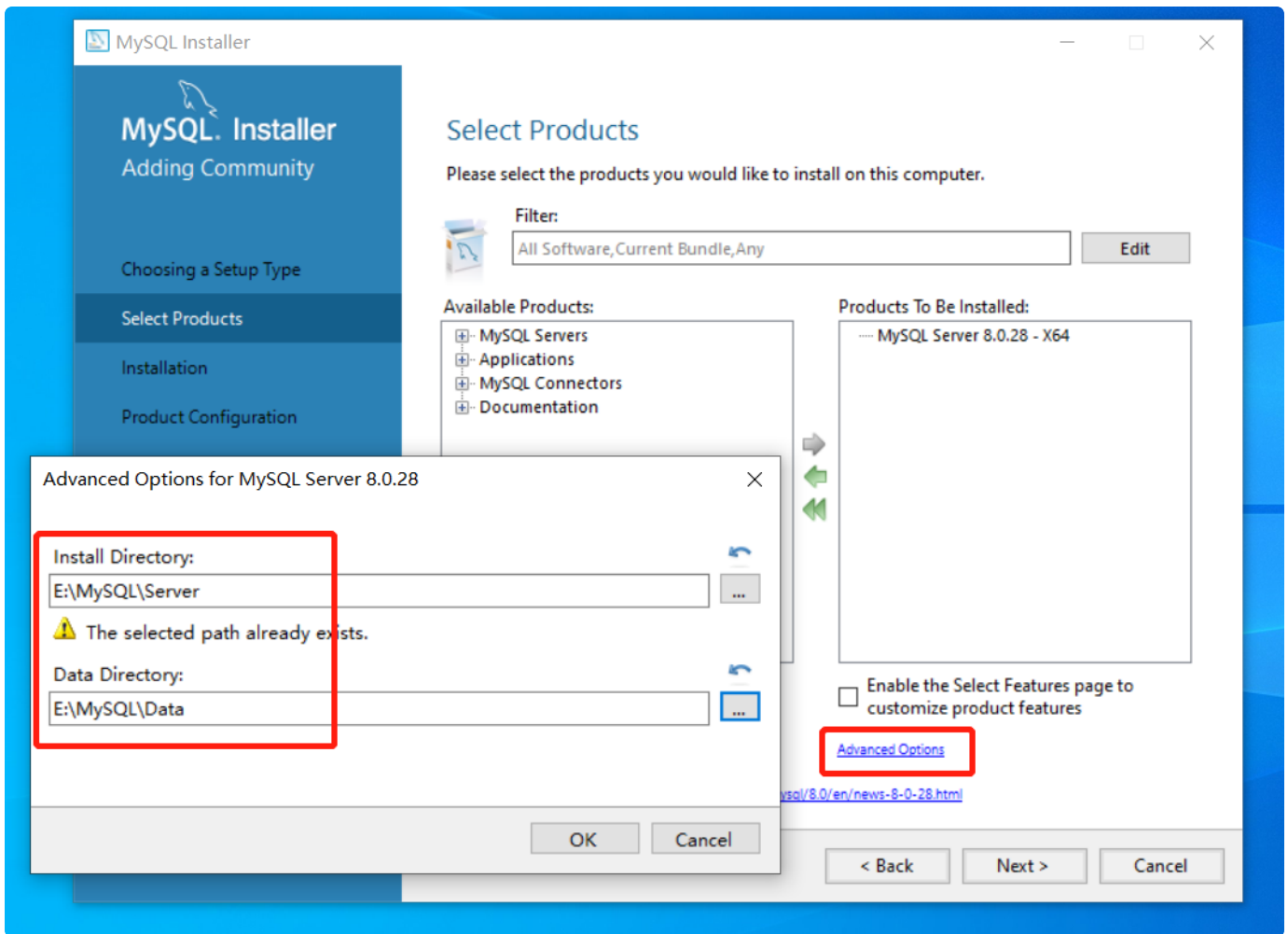
- 双击打开 `mysql-installer-community-8.0.28.0.msi` 安装器
- 选择 **Custom** 模式, 然后点击 **Next**



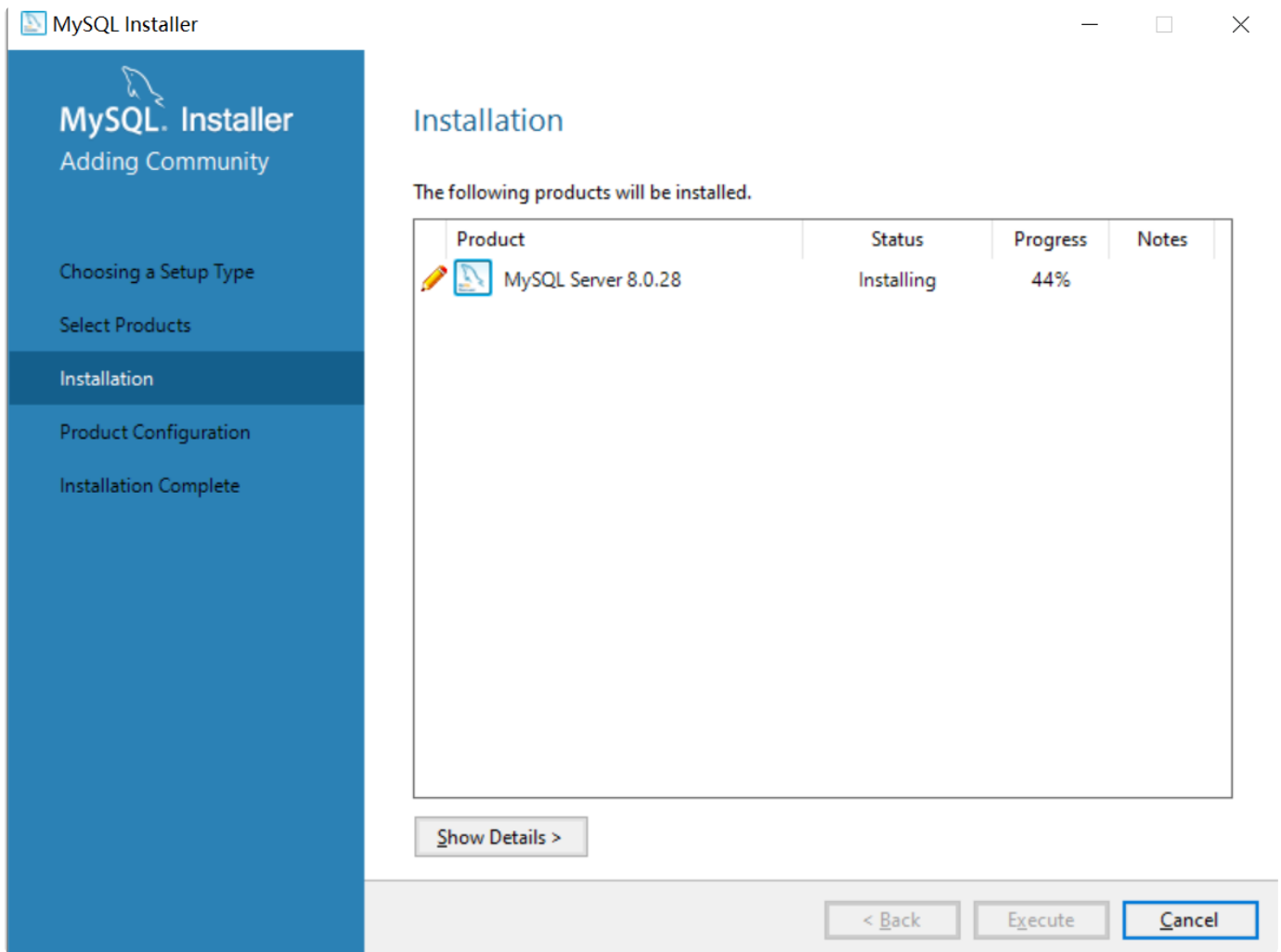
- 一般情况下，展开 **Available Products** 里的第一项 **MySQL Servers**，然后依次展开其子结点，直到其终端结点选择 **MySQL Server**，点击绿色的向右箭头，将当前项目移动需要安装的列表。**MySQL Workbench 8.0** 和 **Connector/ODBC** 可以视情况添加（如果实验5选择的是 MySQL ODBC方式进行连接）。



- PS: 可以在 Advanced Options 中选择MySQL安装的路径和数据存储路径



- 点击Next等待安装完成：



- 保持默认选项（如下配置），点击Next:

MySQL. Installer
MySQL Server 8.0.28

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**

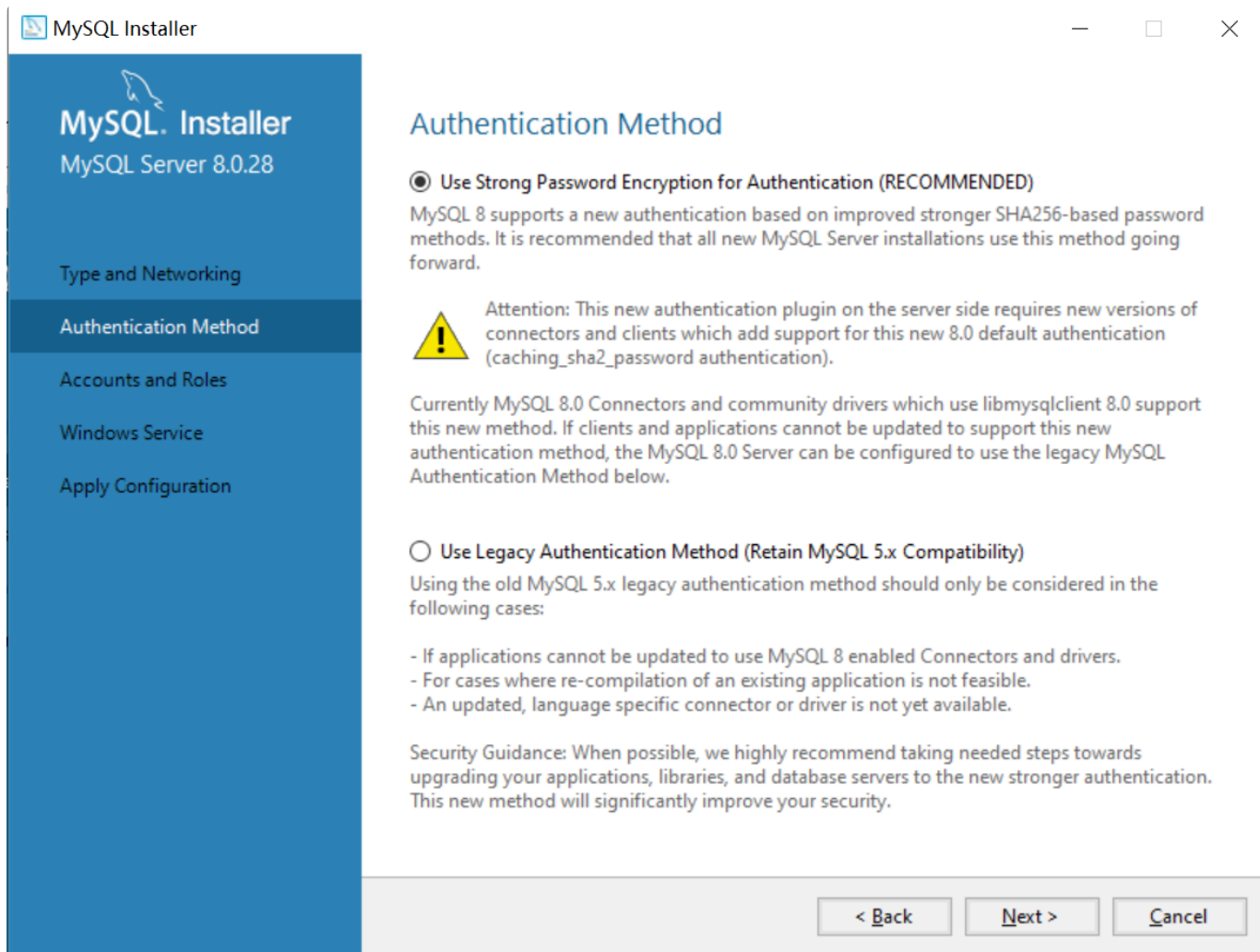
☐ Shared Memory Memory Name: **MYSQL**

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

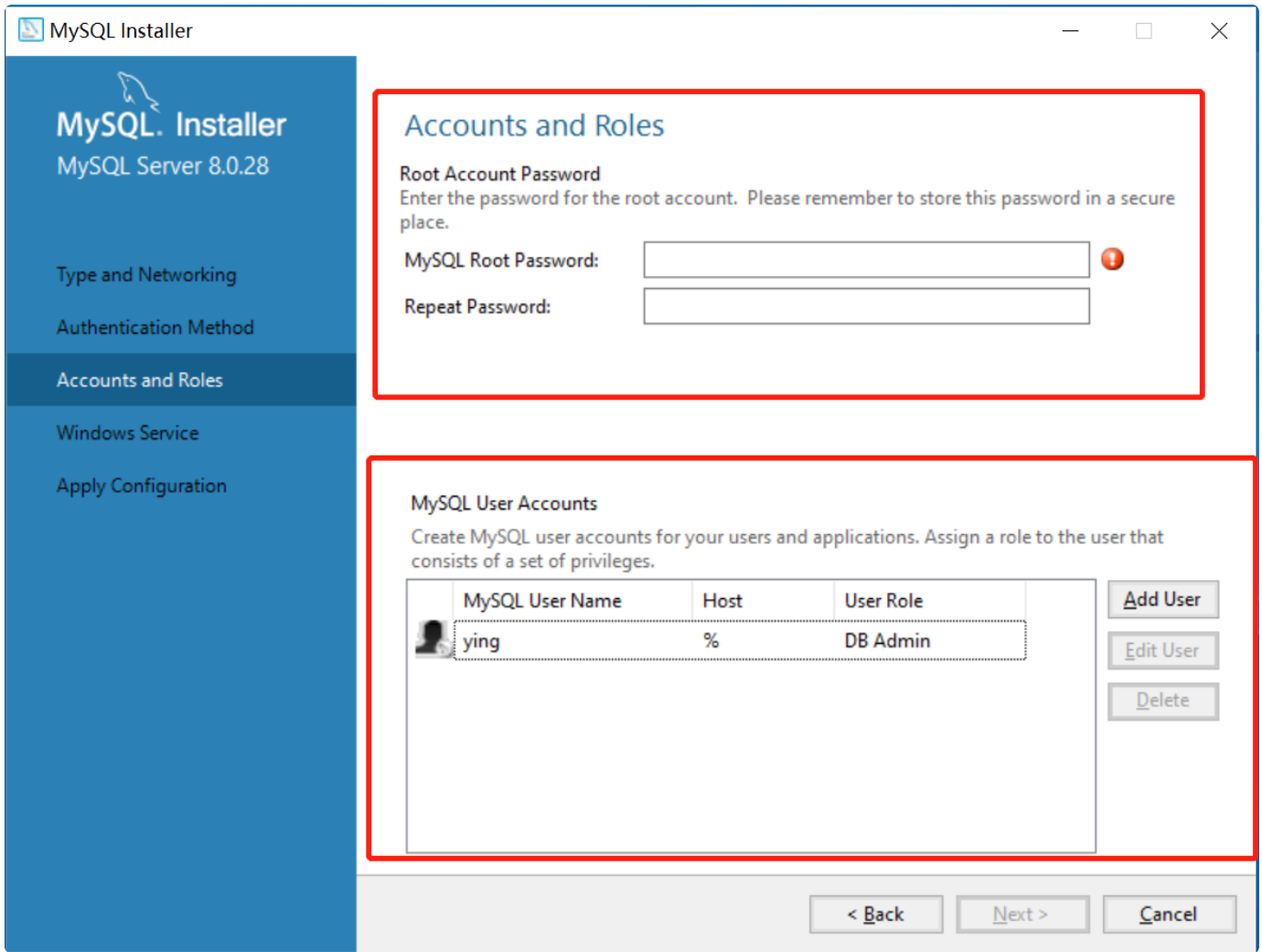
☐ Show Advanced and Logging Options

Next > **Cancel**

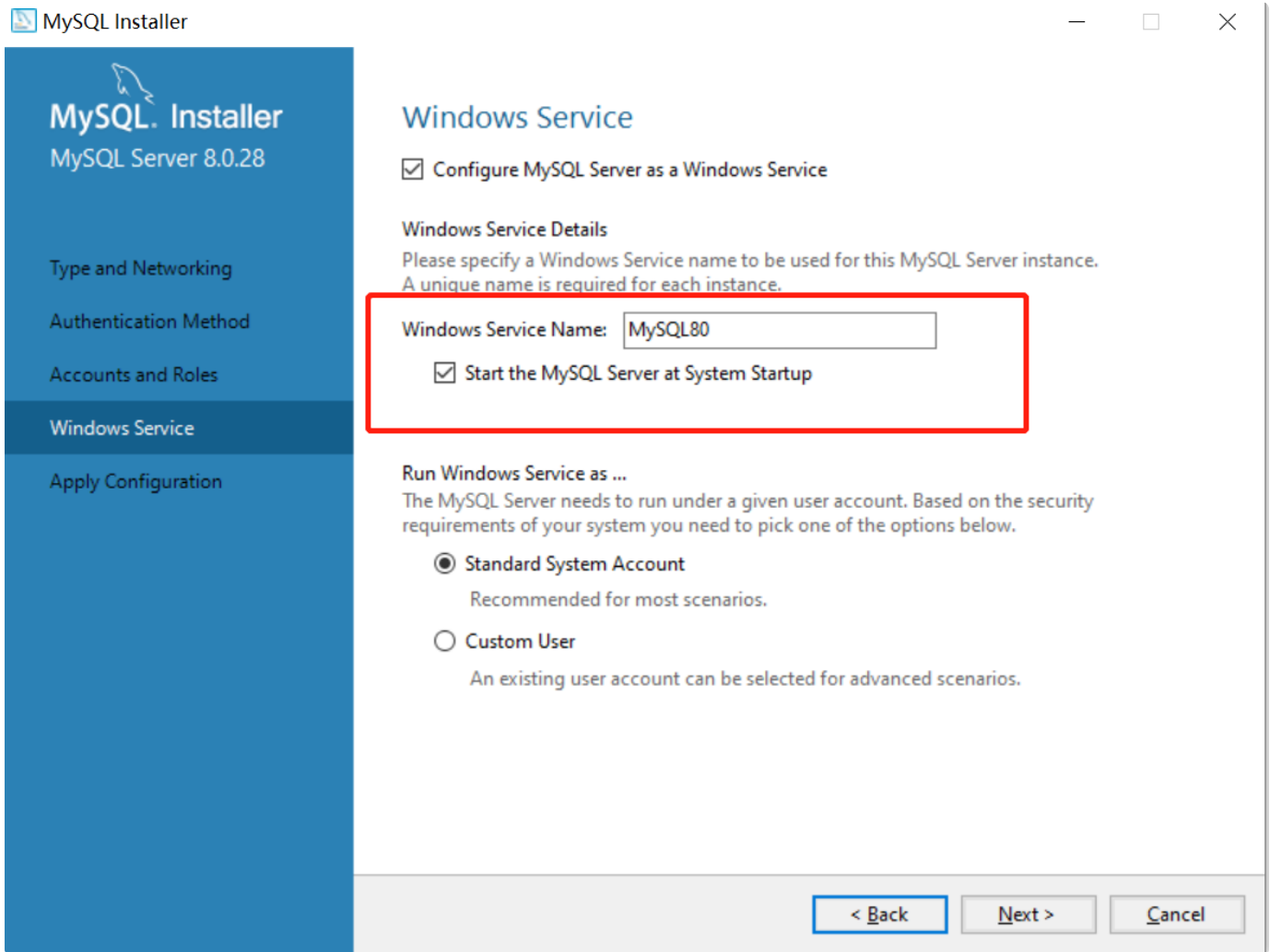
- 密码模式使用MySQL-8的强密码模式：



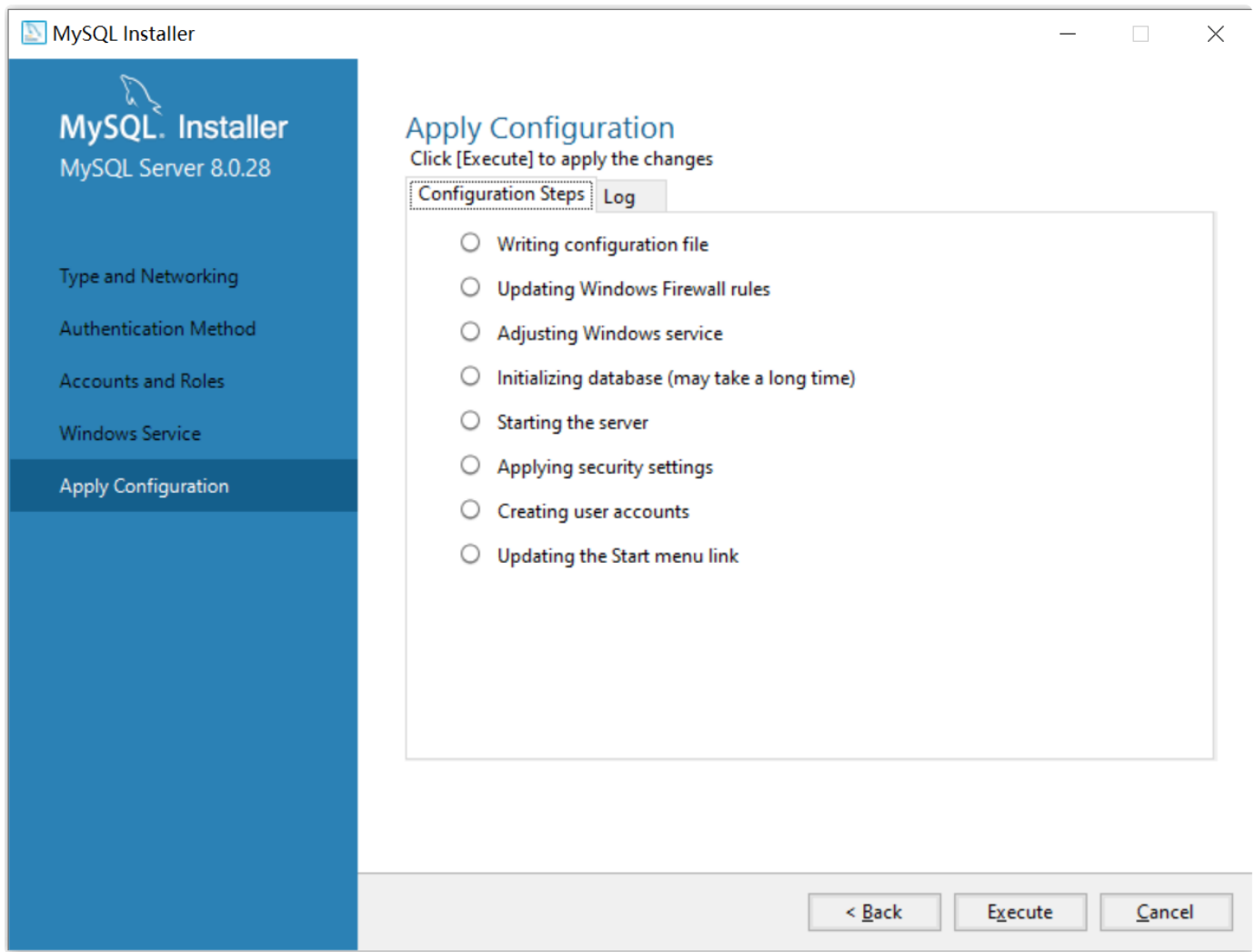
- 设置密码，也可以添加用户：



- 按照默认设置，点击Next：



- 点击Execute执行安装：



3. 配置MySQL环境变量

- 在Windows设置中搜索 `PATH` ，选择编辑系统环境变量

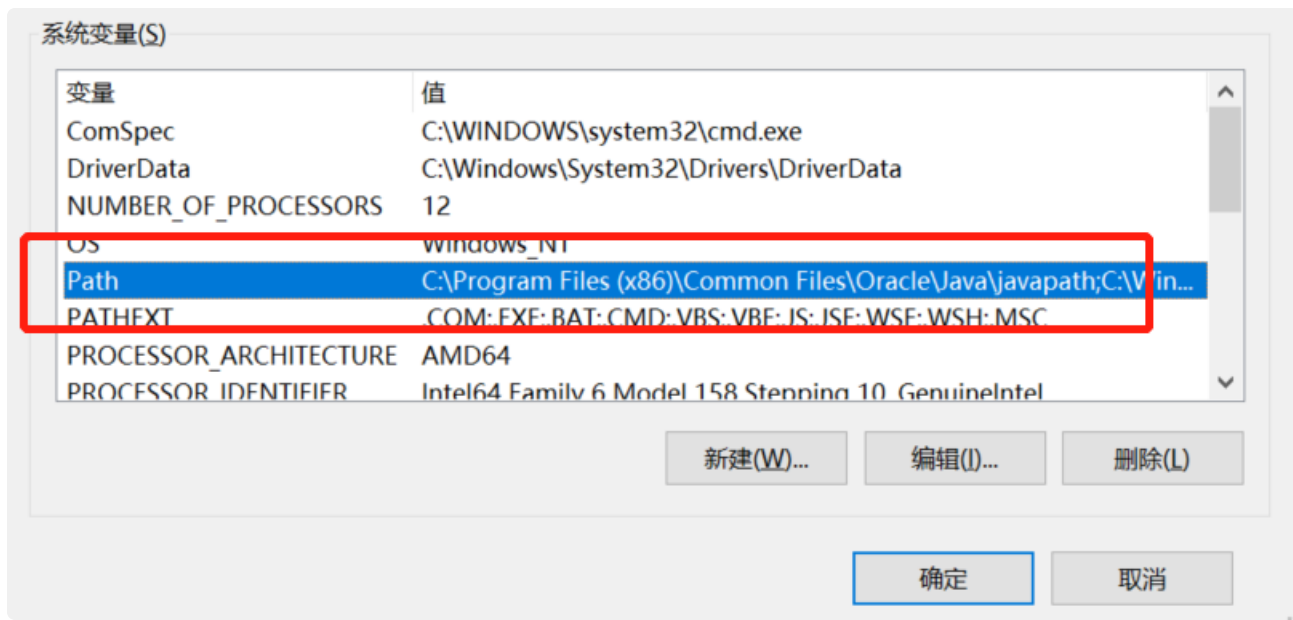
Windows 设置



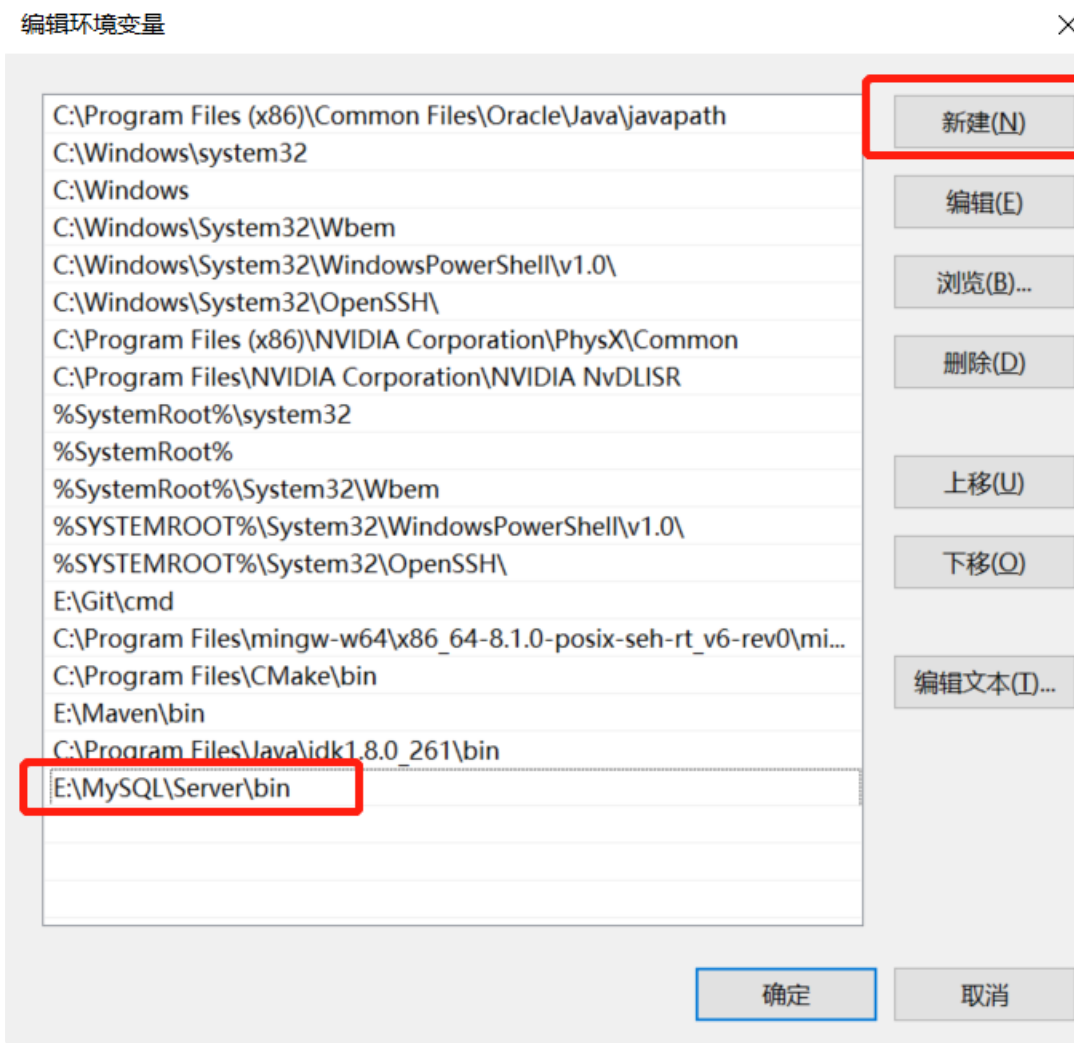
• 选择环境变量



- 双击PATH



- 新加入一条MySQL的安装路径（MySQL安装时的 `bin` 目录）：`E:\MySQL\Server\bin`（需要按照你安装时的实际的路径填写，不要照抄这个路径）



- 添加完成后点击确定保存即可，然后打开命令行，输入 `mysql -V`，若显示出MySQL的版本号则说明环境变量设置成功。

```
C:\Users\Nonehyo>mysql -V
mysql Ver 8.0.28 for Win64 on x86_64 (MySQL Community Server - GPL)
```

4. MySQL的连接和使用

- 打开命令行，输入 `mysql -u <USERNAME> -p`
 - 其中 `<USERNAME>` 为用户名，一般是 `root`，或是你安装MySQL时创建的用户；
 - `-p` 表示使用密码登录，然后再弹出的 `Enter password:` 中输入密码，按回车登录

```
C:\Users\Nonehyo>mysql -u root -p
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 14
Server version: 8.0.28 MySQL Community Server - GPL

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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.
```

- 查看数据库&创建一个新的数据库

```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql       |
| performance_schema |
| sys        |
+-----+
4 rows in set (0.17 sec)

mysql> create database db0;
Query OK, 1 row affected (0.25 sec)
```

- 执行一些数据库操作：

```
1  mysql> use db0;
2  mysql> create table student(id int not null primary key, age int, name
    varchar(16));
3  mysql> insert into student values(1, 21, 'hello'), (2, 22, 'world');
4  mysql> select * from student;
```

SQL | [复制代码](#)

```
mysql> use db0;
Database changed
mysql> create table student(id int not null primary key, age int, name varchar(16));
Query OK, 0 rows affected (2.08 sec)

mysql> insert into student values(1, 21, 'hello'), (2, 22, 'world');
Query OK, 2 rows affected (0.59 sec)
Records: 2  Duplicates: 0  Warnings: 0

mysql> select * from student;
+----+-----+-----+
| id | age | name |
+----+-----+-----+
| 1  | 21  | hello |
| 2  | 22  | world |
+----+-----+-----+
2 rows in set (0.00 sec)

mysql> _
```

- 完成后退出数据库：

```
mysql> exit
Bye
C:\Users\Nonehyo> _
```