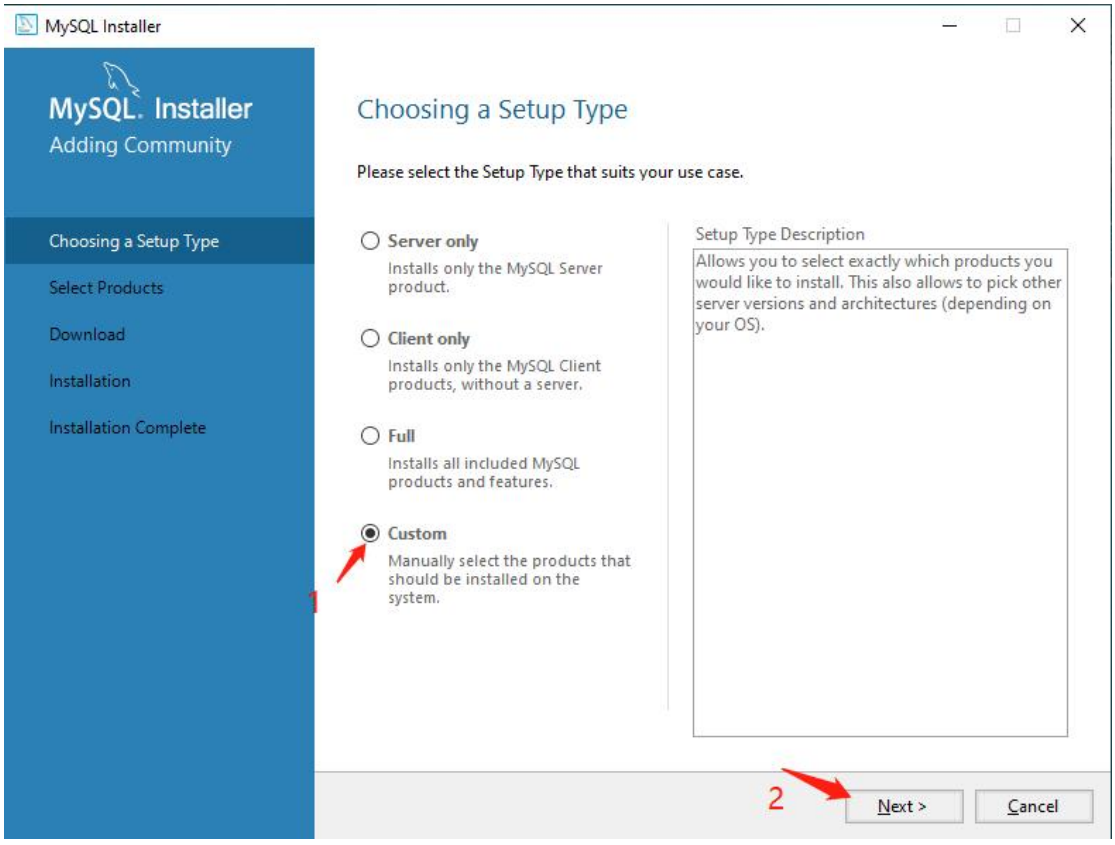
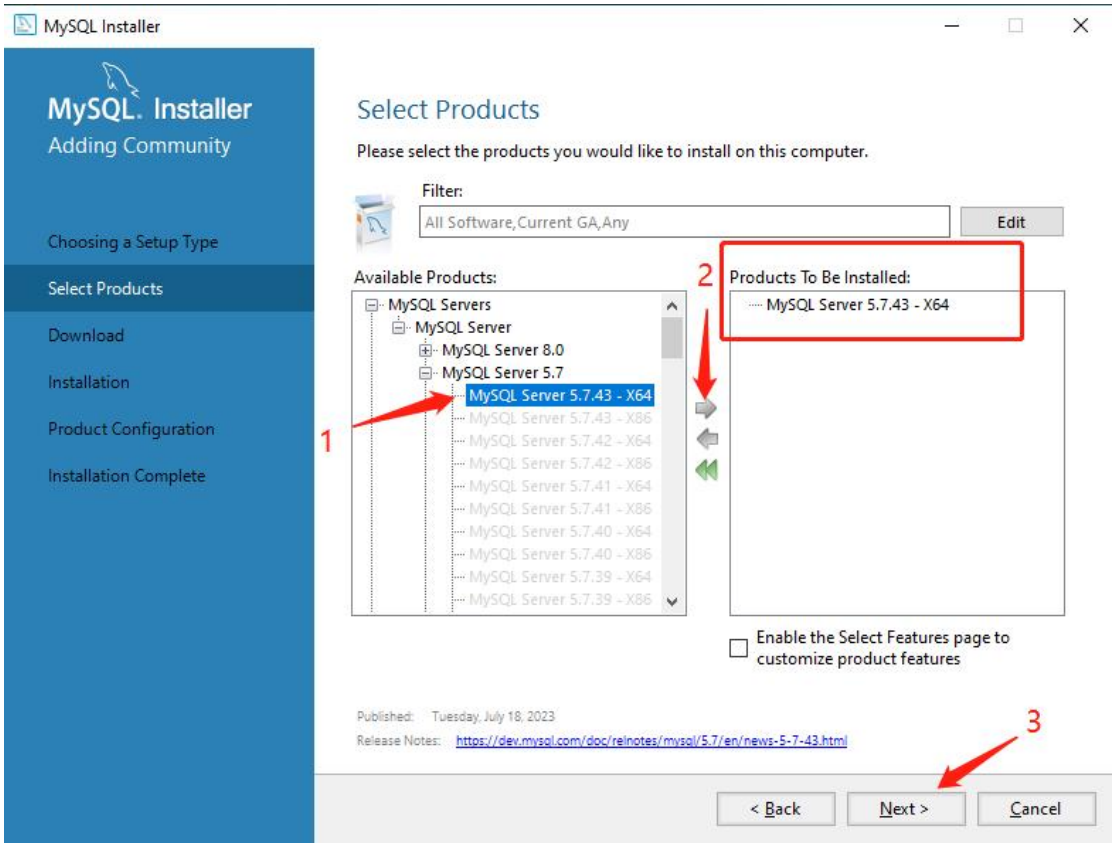
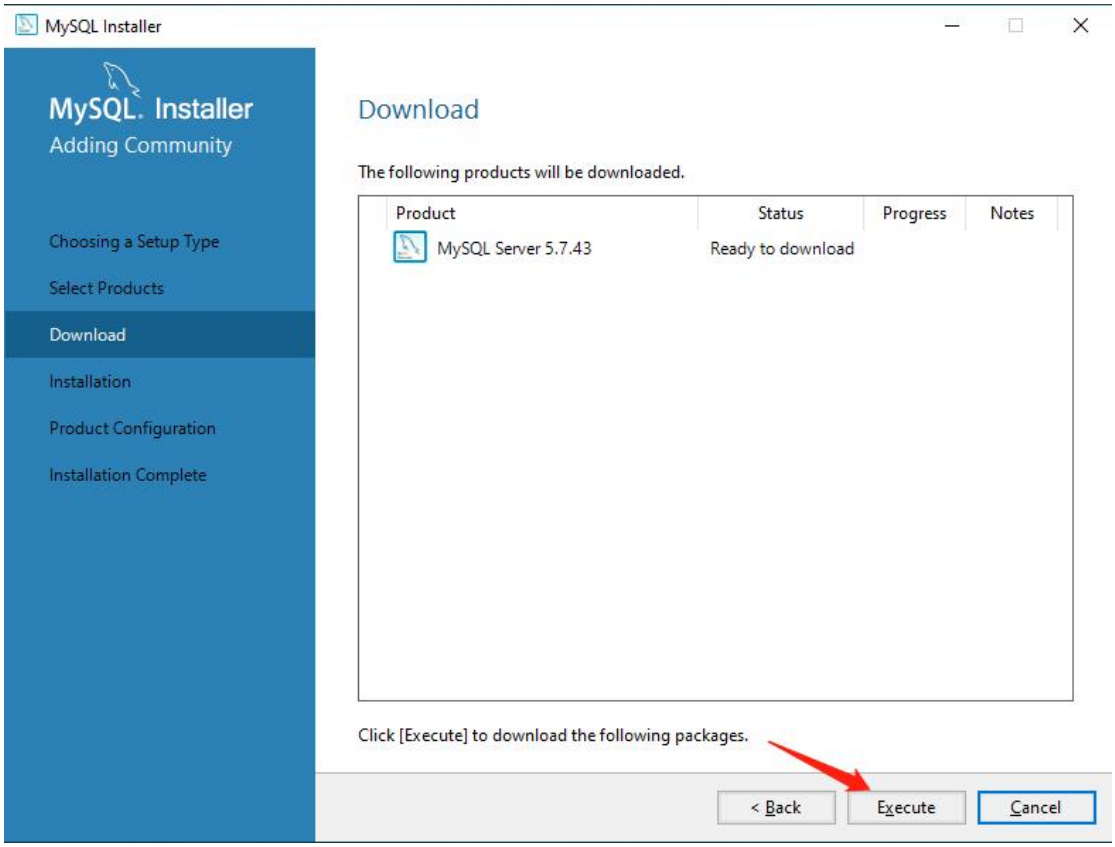
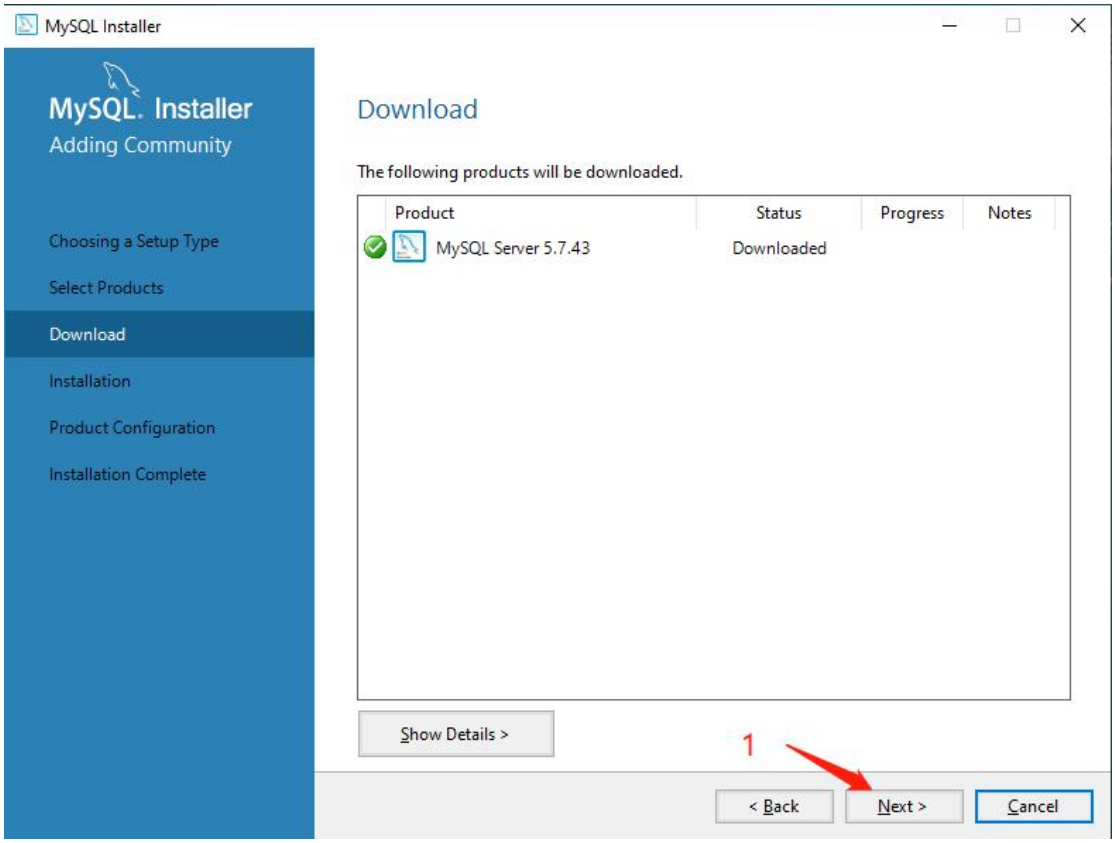
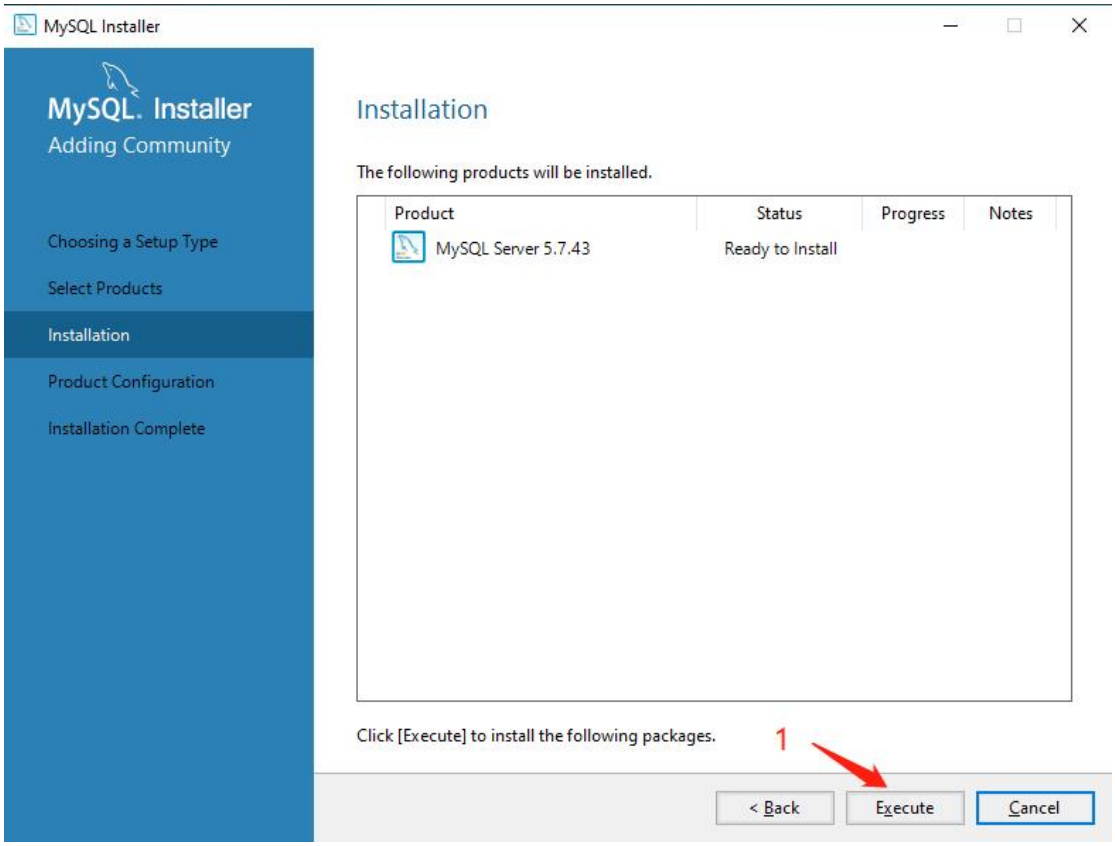
The prerequisite for running Flash Matrix is to have MySQL deployed locally. Let us provide you with a step-by-step guide on deploying the database

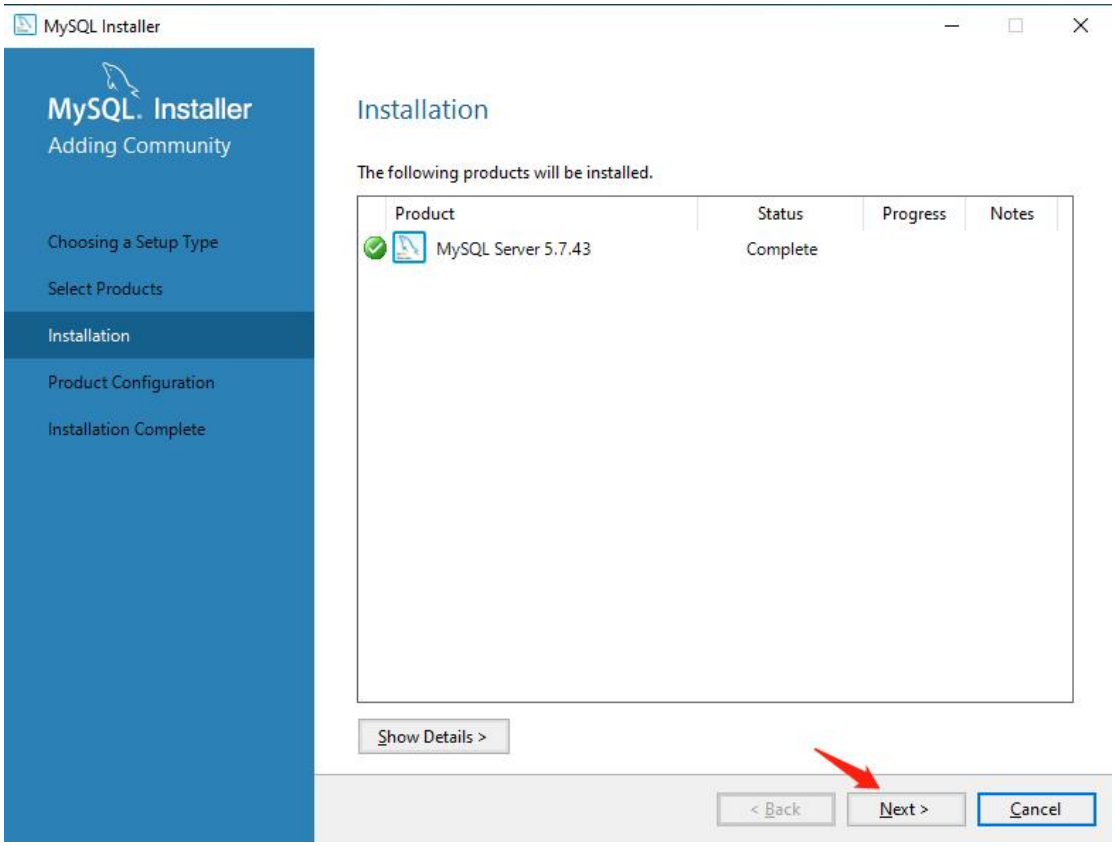


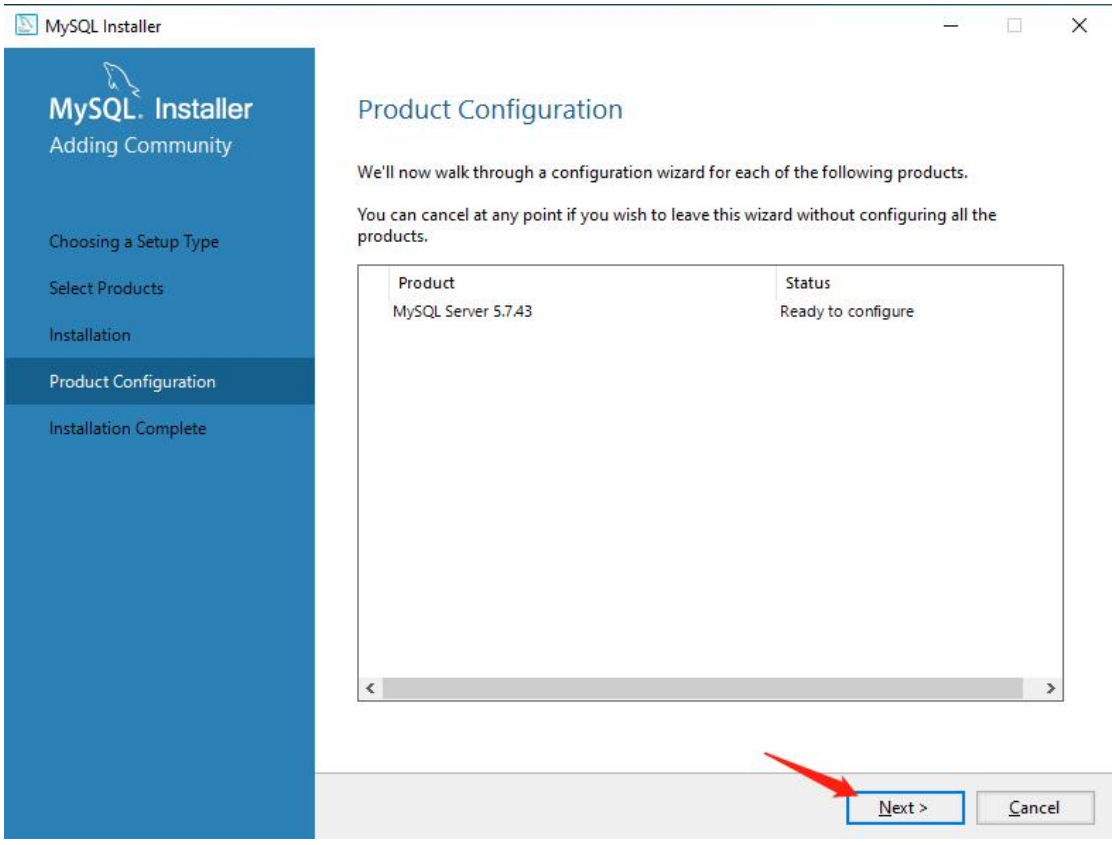

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Select Products
Download
Installation
Product Configuration
Installation Complete
Select Products
Please select the products you would like to install on this computer.
Filter:
All Software,Current GA,Any
Edit
Available Products:
MySQL Servers
MySQL Server
MySQL Server 8.0
MySQL Server 5.7
MySQL Server 5.7.43 - X64
MySQL Server 5.7.43 - X86
MySQL Server 5.7.42 - X64
MySQL Server 5.7.42 - X86
MySQL Server 5.7.41 - X64
MySQL Server 5.7.41 - X86
MySQL Server 5.7.40 - X64
MySQL Server 5.7.40 - X86
MySQL Server 5.7.39 - X64
MySQL Server 5.7.39 - X86
1
2
Products To Be Installed:
MySQL Server 5.7.43 - X64
Enable the Select Features page to customize product features
Published: Tuesday, July 18, 2023
Release Notes: https://dev.mysql.com/doc/relnotes/mysql/5.7/en/news-5-7-43.html
3
< Back
Next >
Cancel

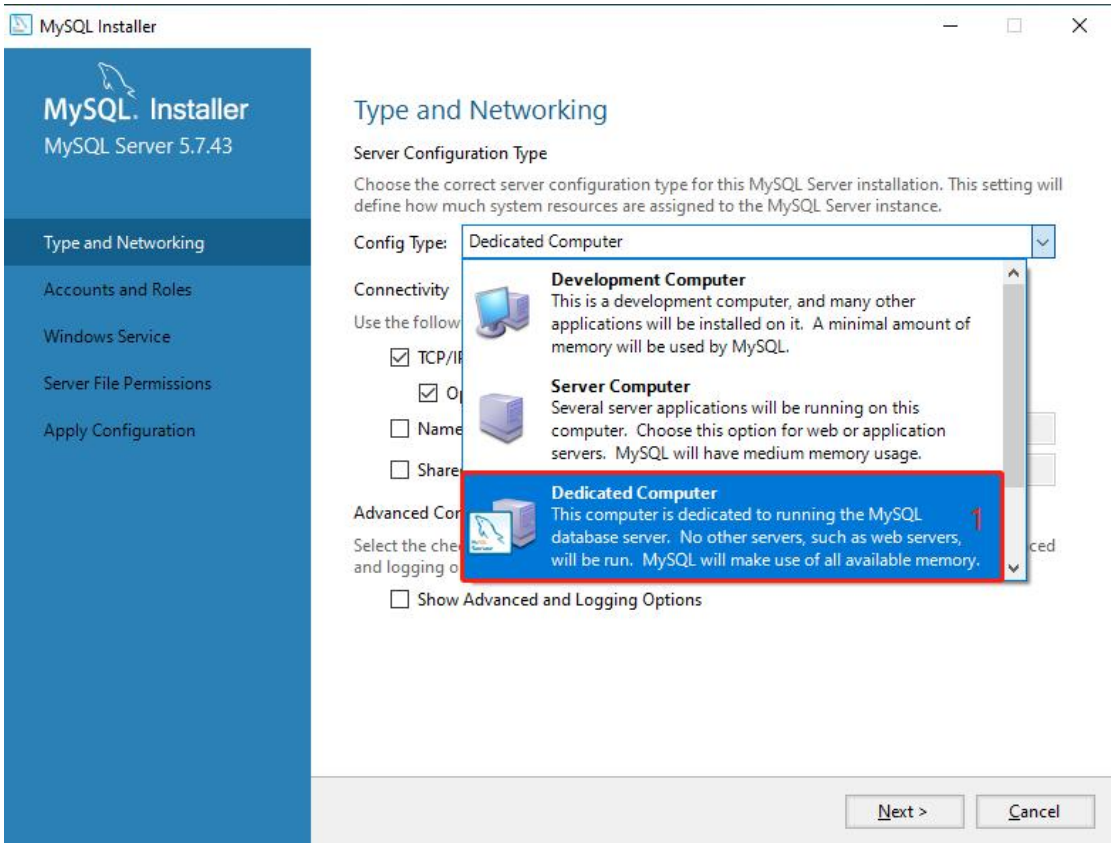

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Select Products
Download
Installation
Product Configuration
Installation Complete
Download
The following products will be downloaded.
Product
Status
Progress
Notes
MySQL Server 5.7.43
Ready to download
Click [Execute] to download the following packages.
< Back
Execute
Cancel

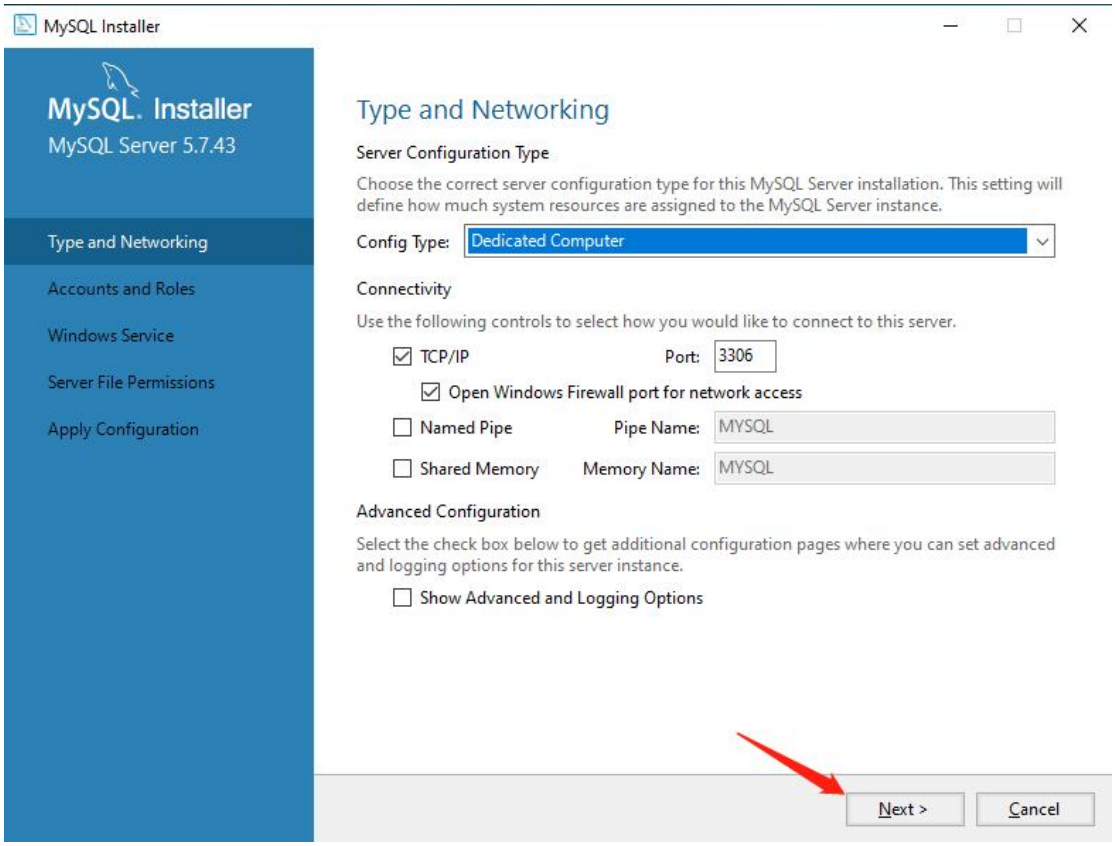

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Select Products
Download
Installation
Product Configuration
Installation Complete
Download
The following products will be downloaded.
Product
Status
Progress
Notes
MySQL Server 5.7.43
Downloaded
Show Details >
1
< Back
Next >
Cancel

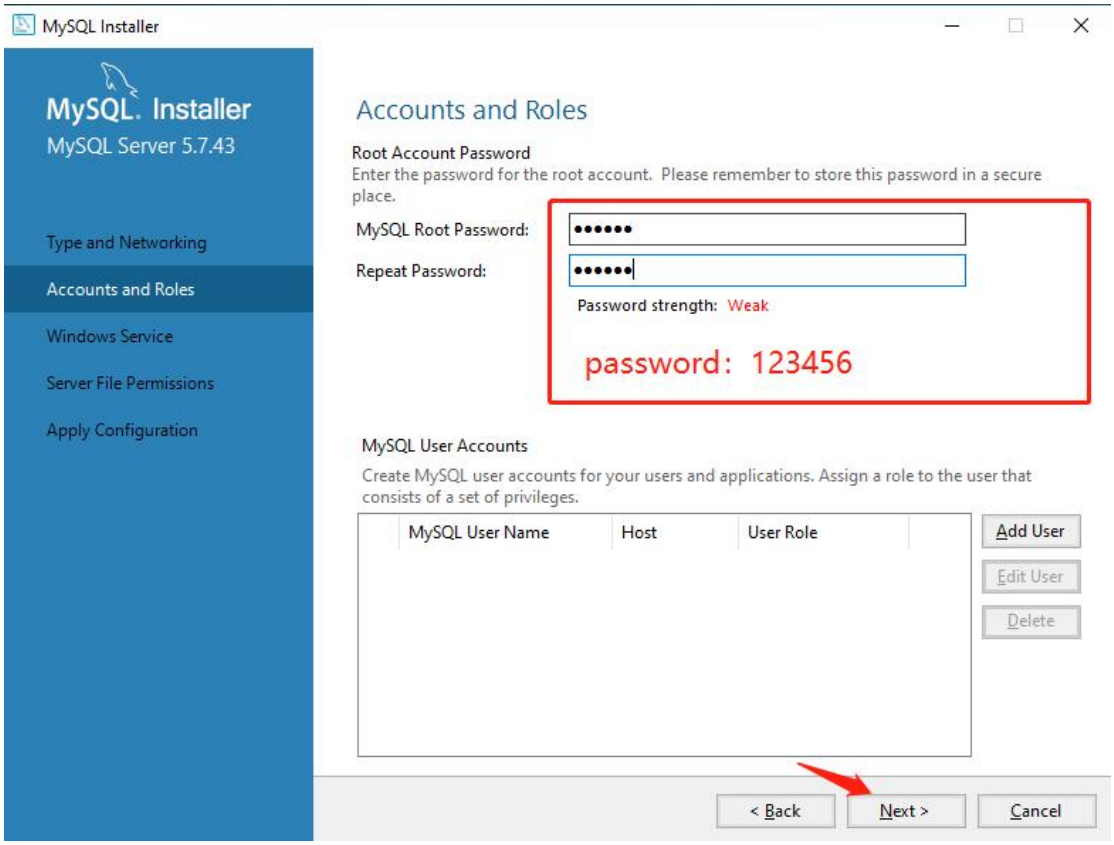

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Select Products
Installation
Product Configuration
Installation Complete
Installation
The following products will be installed.
Product
Status
Progress
Notes
MySQL Server 5.7.43
Ready to Install
Click [Execute] to install the following packages.
1
< Back
Execute
Cancel

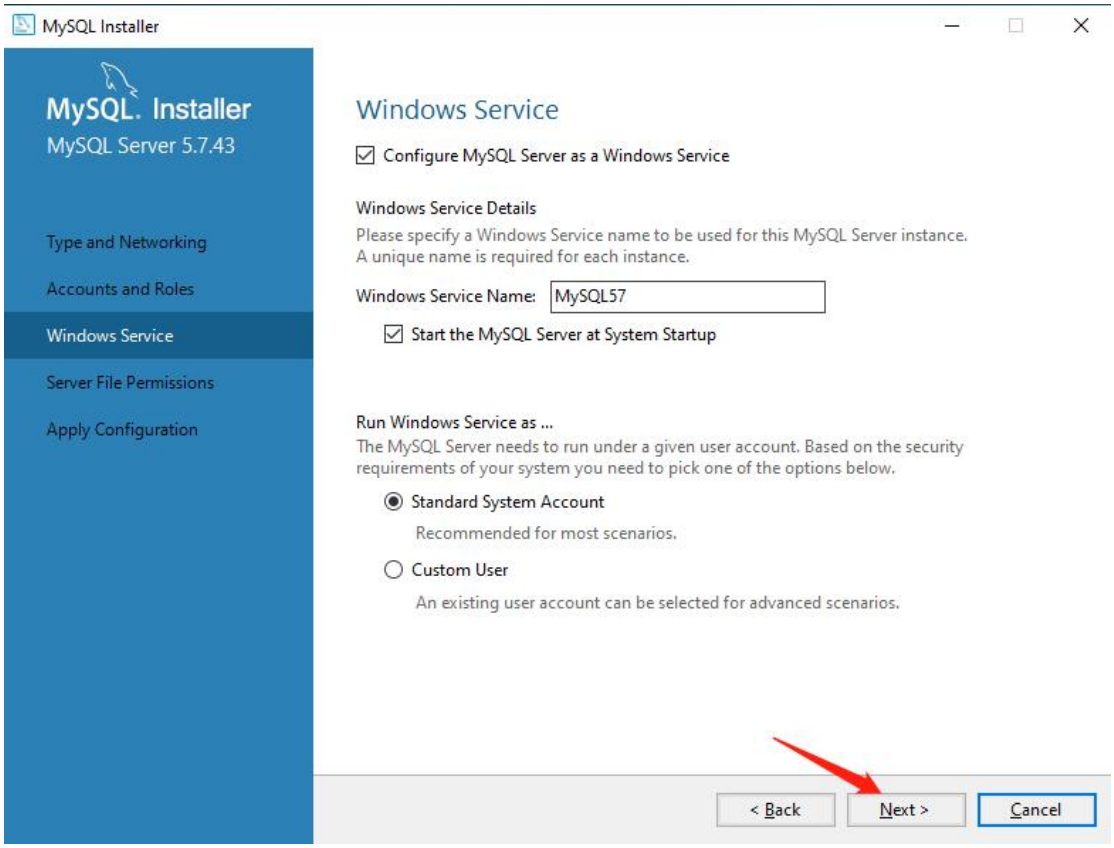

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Select Products
Installation
Product Configuration
Installation Complete
Installation
The following products will be installed.
Product
Status
Progress
Notes
MySQL Server 5.7.43
Complete
Show Details >
< Back
Next >
Cancel

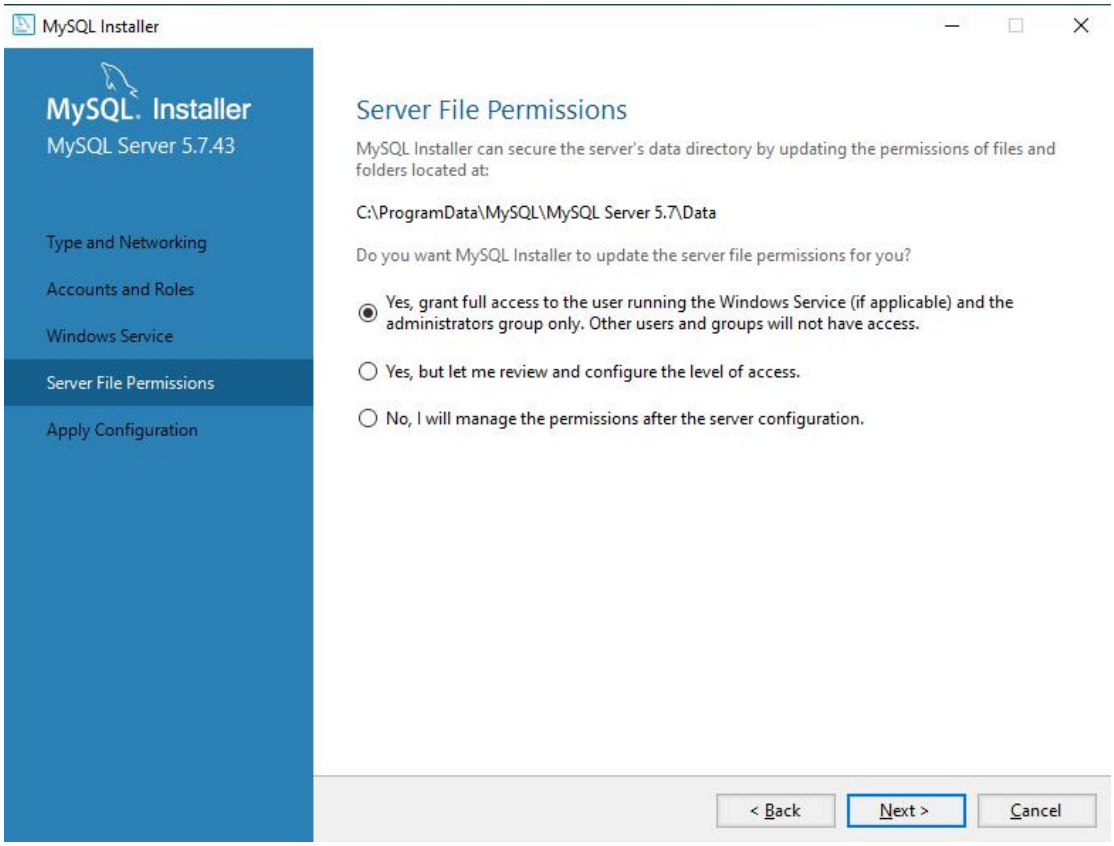

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Select Products
Installation
Product Configuration
Installation Complete
Product Configuration
We'll now walk through a configuration wizard for each of the following products.
You can cancel at any point if you wish to leave this wizard without configuring all the products.
Product
Status
MySQL Server 5.7.43
Ready to configure
Next >
Cancel

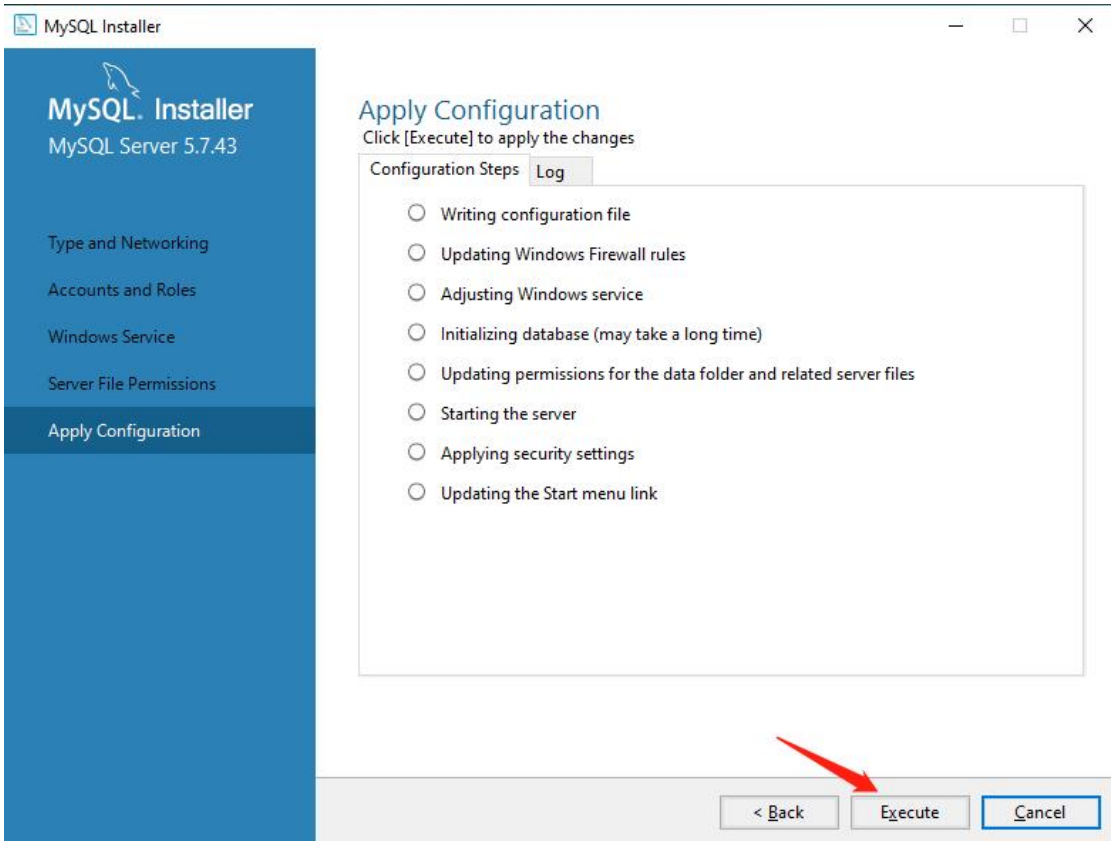

MySQL Installer
MySQL. Installer
MySQL Server 5.7.43
Type and Networking
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Type and Networking
Server Configuration Type
Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.
Config Type: Dedicated Computer
Development Computer
This is a development computer, and many other applications will be installed on it. A minimal amount of memory will be used by MySQL.
Server Computer
Several server applications will be running on this computer. Choose this option for web or application servers. MySQL will have medium memory usage.
Dedicated Computer
This computer is dedicated to running the MySQL database server. No other servers, such as web servers, will be run. MySQL will make use of all available memory.
1
Connectivity
Show Advanced and Logging Options
Next >
Cancel

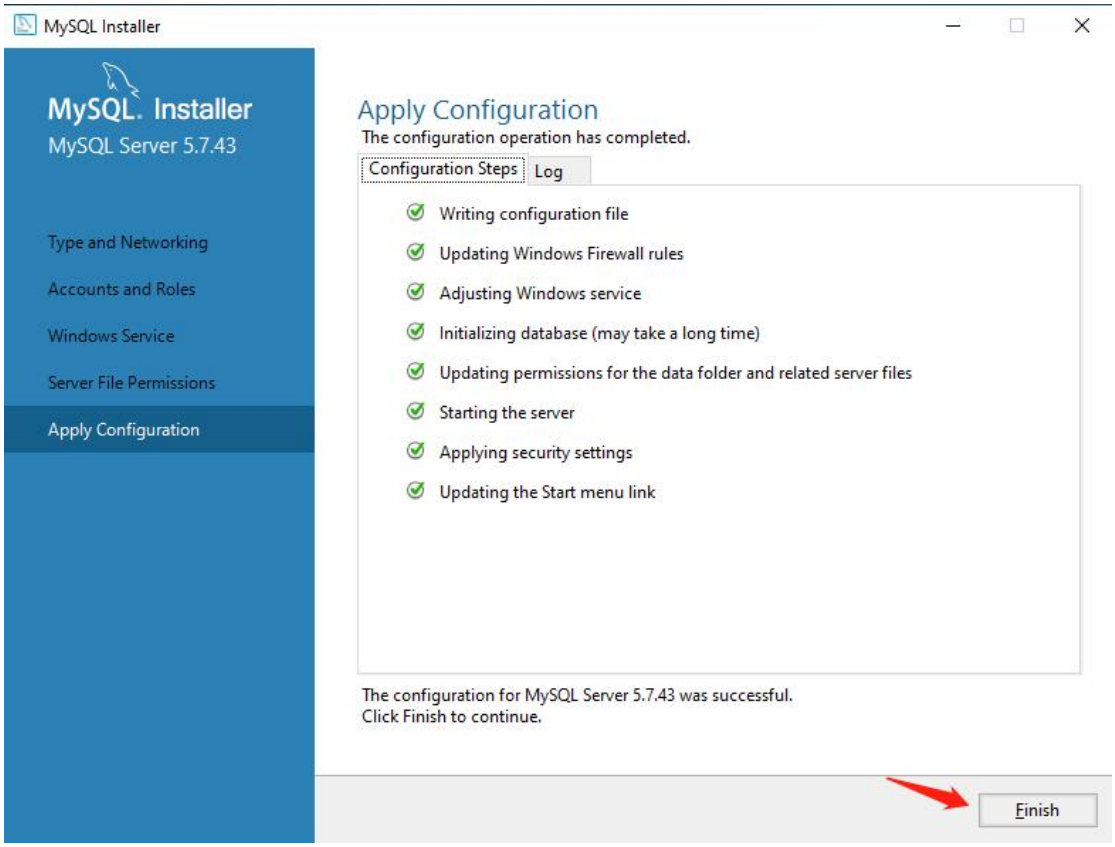

MySQL Installer
MySQL. Installer
MySQL Server 5.7.43
Type and Networking
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Type and Networking
Server Configuration Type
Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.
Config Type: Dedicated Computer
Connectivity
Use the following controls to select how you would like to connect to this server.
TCP/IP
Port: 3306
Open Windows Firewall port 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

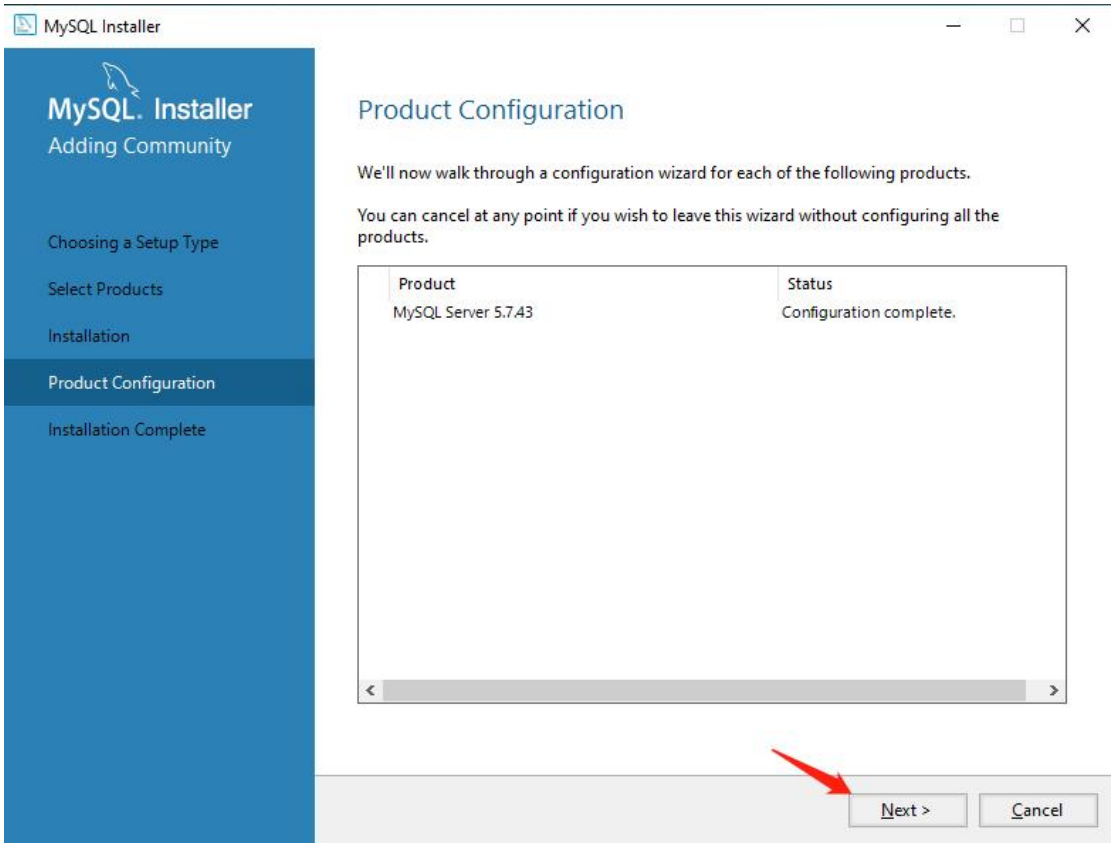

MySQL Installer
MySQL. Installer
MySQL Server 5.7.43
Type and Networking
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Accounts and Roles
Root Account Password
Enter the password for the root account. Please remember to store this password in a secure place.
MySQL Root Password:
Repeat Password:
Password strength: Weak
password：123456
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

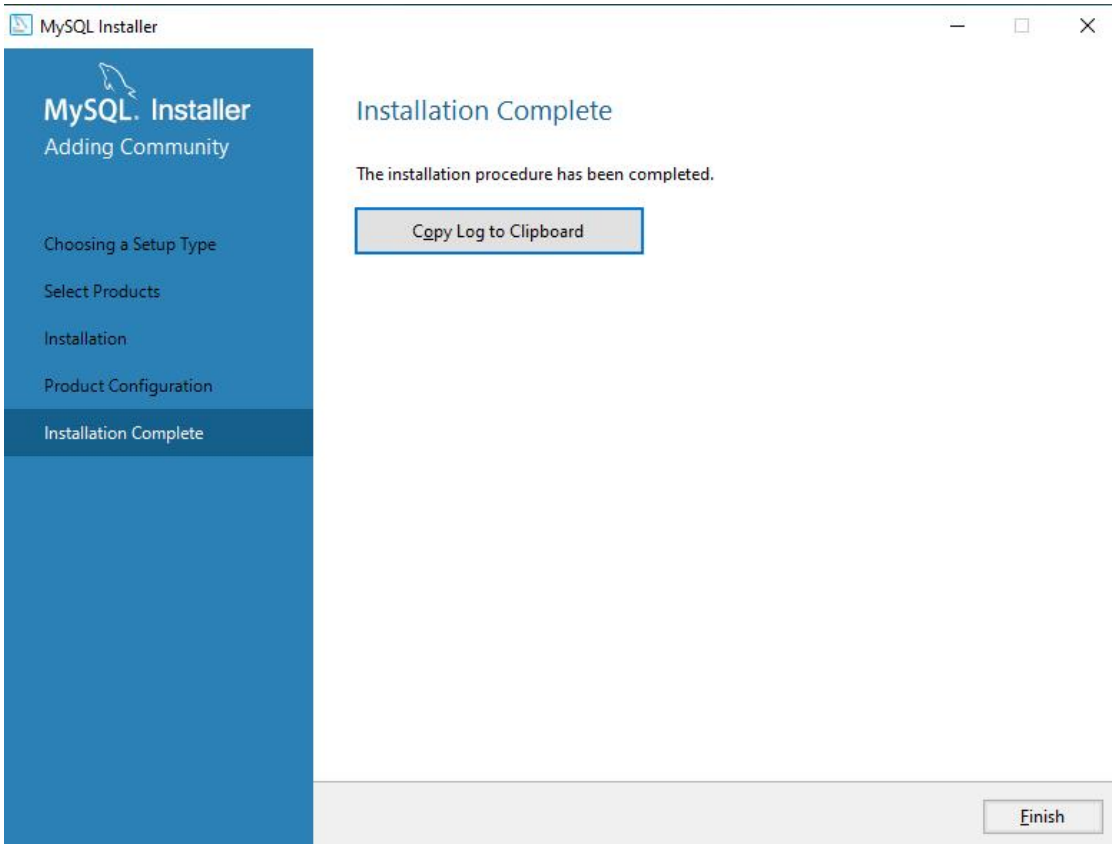

MySQL Installer
MySQL. Installer
MySQL Server 5.7.43
Type and Networking
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Windows Service
Configure MySQL Server as a Windows Service
Windows Service Details
Please specify a Windows Service name to be used for this MySQL Server instance.
A unique name is required for each instance.
Windows Service Name:
MySQL57
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

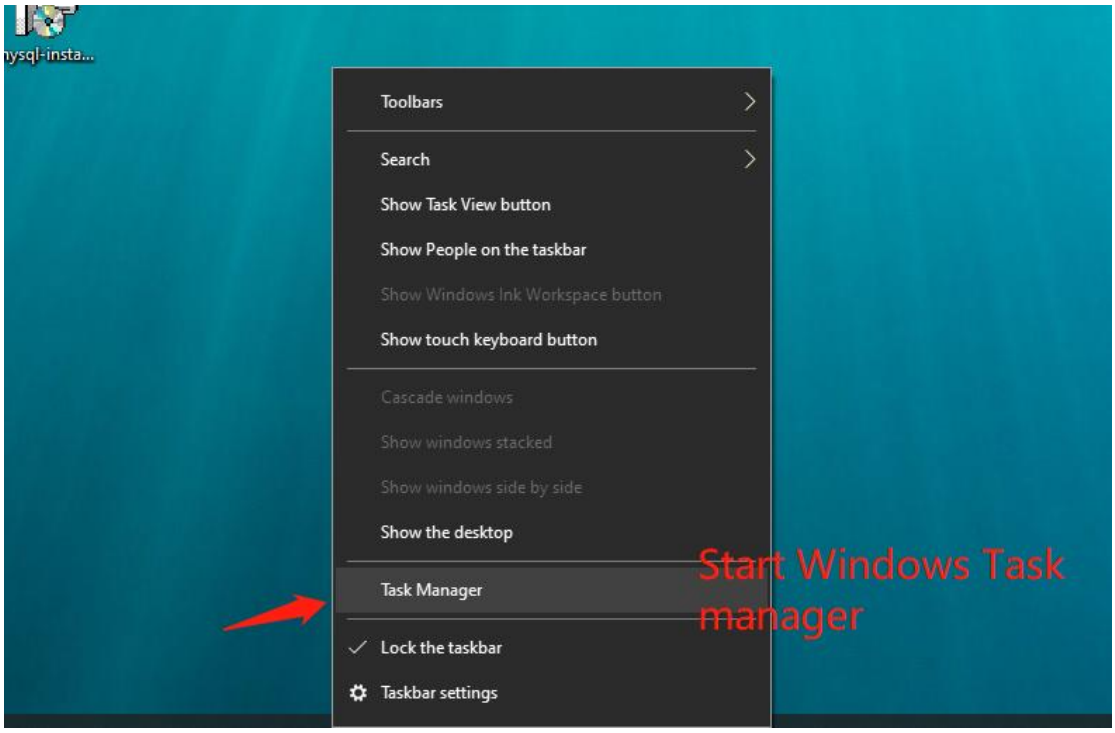

MySQL Installer
MySQL. Installer
MySQL Server 5.7.43
Type and Networking
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Server File Permissions
MySQL Installer can secure the server's data directory by updating the permissions of files and folders located at:
C:\ProgramData\MySQL\MySQL Server 5.7\Data
Do you want MySQL Installer to update the server file permissions for you?
Yes, grant full access to the user running the Windows Service (if applicable) and the administrators group only. Other users and groups will not have access.
Yes, but let me review and configure the level of access.
No, I will manage the permissions after the server configuration.
< Back
Next >
Cancel

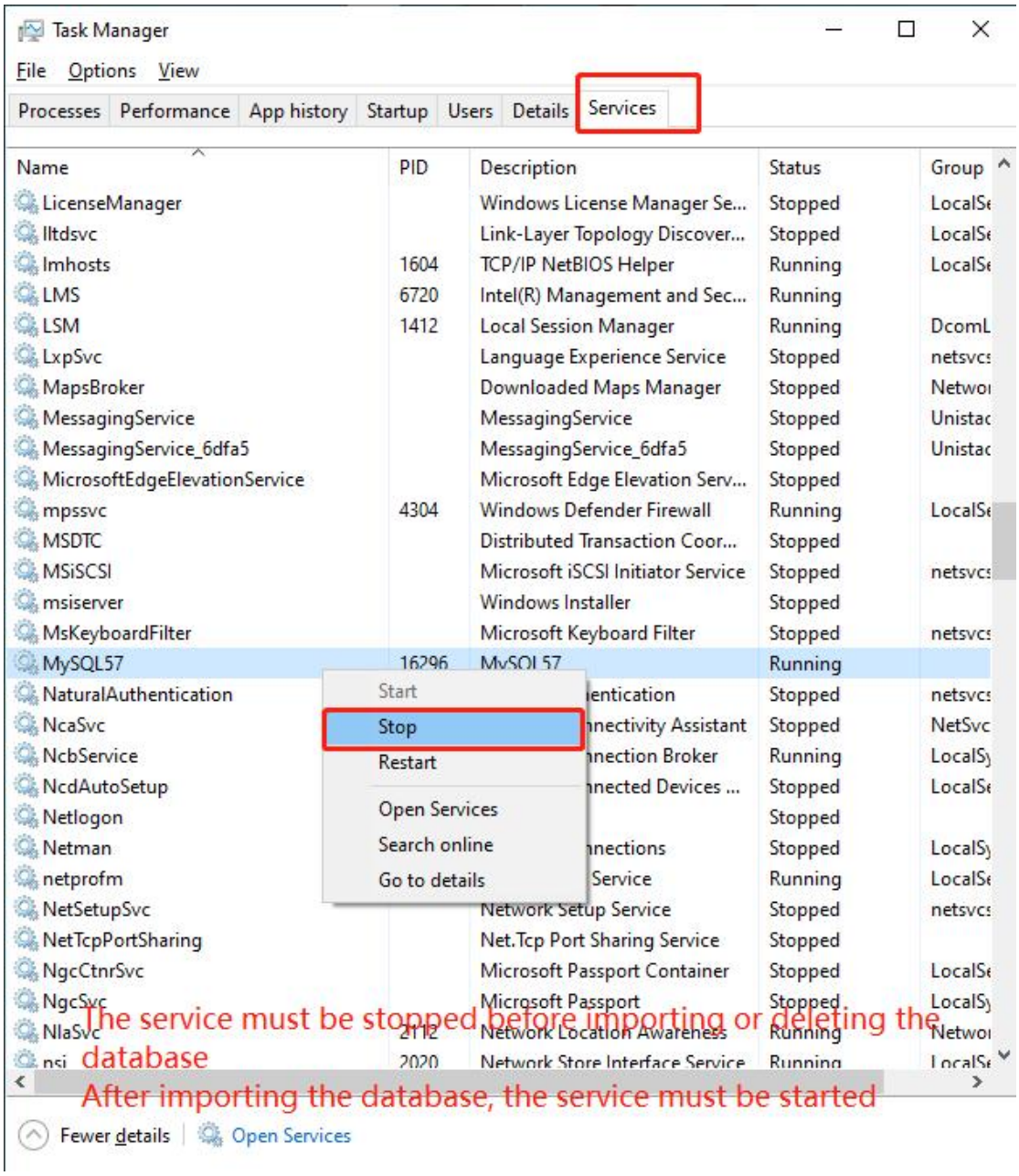

MySQL Installer
MySQL. Installer
MySQL Server 5.7.43
Type and Networking
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Apply Configuration
Click [Execute] to apply the changes
Configuration Steps
Log
Writing configuration file
Updating Windows Firewall rules
Adjusting Windows service
Initializing database (may take a long time)
Updating permissions for the data folder and related server files
Starting the server
Applying security settings
Updating the Start menu link
< Back
Execute
Cancel


MySQL Installer
MySQL. Installer
MySQL Server 5.7.43
Type and Networking
Accounts and Roles
Windows Service
Server File Permissions
Apply Configuration
Apply Configuration
The configuration operation has completed.
Configuration Steps
Log
Writing configuration file
Updating Windows Firewall rules
Adjusting Windows service
Initializing database (may take a long time)
Updating permissions for the data folder and related server files
Starting the server
Applying security settings
Updating the Start menu link
The configuration for MySQL Server 5.7.43 was successful.
Click Finish to continue.
Finish


MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Select Products
Installation
Product Configuration
Installation Complete
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 5.7.43
Configuration complete.
Next >
Cancel

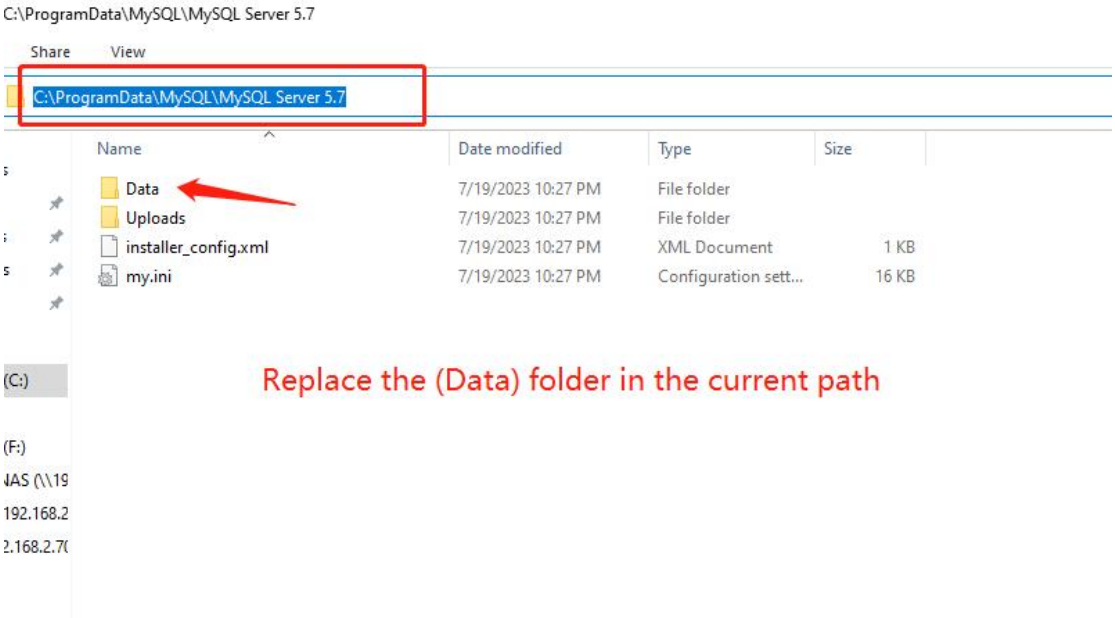

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Select Products
Installation
Product Configuration
Installation Complete
Installation Complete
The installation procedure has been completed.
Copy Log to Clipboard
Finish


Toolbars
Search
Show Task View button
Show People on the taskbar
Show Windows Ink Workspace button
Show touch keyboard button
Cascade windows
Show windows stacked
Show windows side by side
Show the desktop
Task Manager
Lock the taskbar
Taskbar settings
Start Windows Task manager

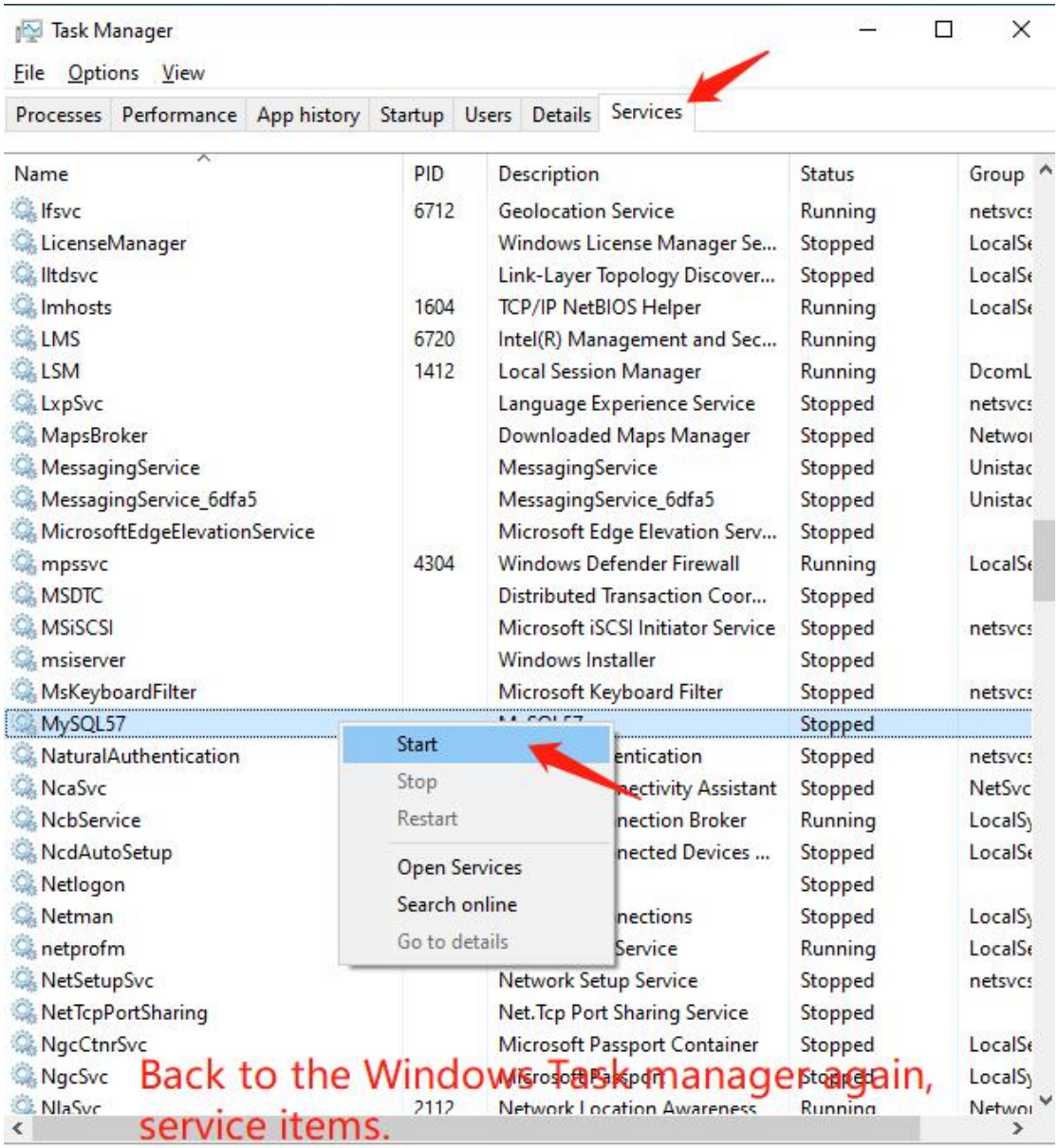

Task Manager
File Options View
Processes Performance App history Startup Users Details Services
Name PID Description Status Group
LicenseManager Windows License Manager Se... Stopped LocalSe
lltdsvc Link-Layer Topology Discover... Stopped LocalSe
lmhosts 1604 TCP/IP NetBIOS Helper Running LocalSe
LMS 6720 Intel(R) Management and Sec... Running
LSM 1412 Local Session Manager Running DcomL
LxpSvc Language Experience Service Stopped netsvcs
MapsBroker Downloaded Maps Manager Stopped Networ
MessagingService MessagingService Stopped Unistac
MessagingService_6dfa5 MessagingService_6dfa5 Stopped Unistac
MicrosoftEdgeElevationService Microsoft Edge Elevation Serv... Stopped
mpssvc 4304 Windows Defender Firewall Running LocalSe
MSDTC Distributed Transaction Coor... Stopped
MSiSCSI Microsoft iSCSI Initiator Service Stopped netsvcs
msiserver Windows Installer Stopped
MsKeyboardFilter Microsoft Keyboard Filter Stopped netsvcs
MySQL57 16296 MySQL 57 Running
NaturalAuthentication Stopped netsvcs
NcaSvc Stopped NetSvc
NcbService Running LocalSy
NcdAutoSetup Stopped LocalSe
Netlogon Stopped
Netman Stopped LocalSy
netprofm Running LocalSe
NetSetupSvc Network Setup Service Stopped netsvcs
NetTcpPortSharing Net.Tcp Port Sharing Service Stopped
NgcCtnrSvc Microsoft Passport Container Stopped LocalSe
NgcSvc Microsoft Passport Stopped LocalSy
NlaSvc 2112 Network Location Awareness Running Networ
nsi 2020 Network Store Interface Service Running LocalSe
Start
Stop
Restart
Open Services
Search online
Go to details
The service must be stopped before importing or deleting the database
After importing the database, the service must be started
Fewer details
Open Services

If you haven't made any changes to the installation path in the previous steps, the default path is as follows:

C:\ProgramData\MySQL\MySQL Server 5.7

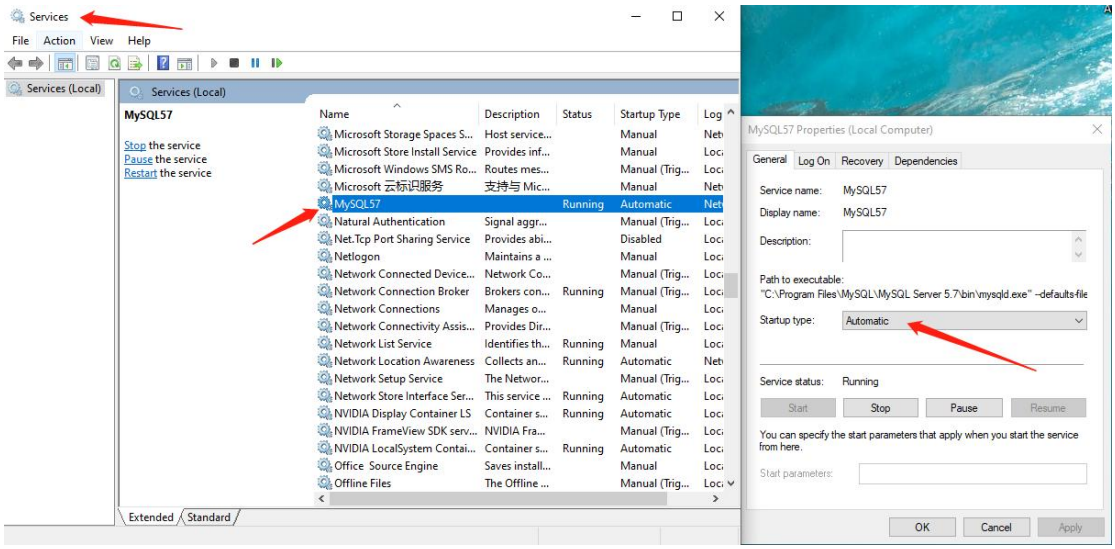
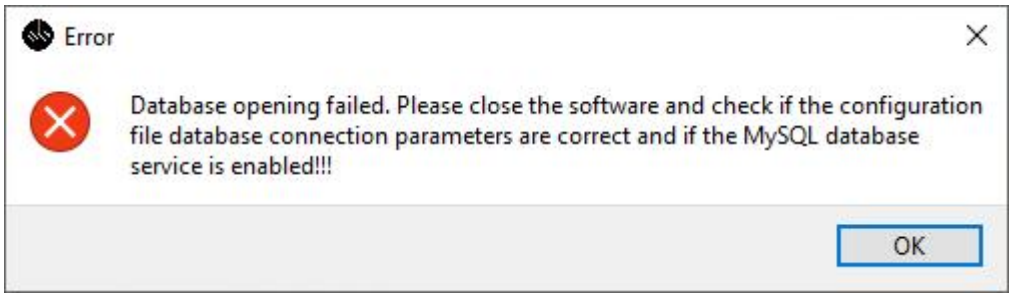


Please ensure that every time you delete or replace the database's DATA folder, you need to stop the MySQL57 service. After the replacement is completed, remember to restart the MySQL57 service again



Back to the Windows Task manager again, service items.

Enable MySQL service



Up to this point, the database installation is completed. Next, you need to insert the USB key and start the software for it to function properly. If the software displays the following error message, it indicates that the database is not installed, not deployed successfully, or not enabled.