2024

eRetail3.2 Setup Tool Deployment Manual

V1.1

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Version History

Version	Date	Summarize	Author	Approval
1.0	2024-07-30	Document Initialization		
1.1	2024-08-05	Translation Accuration		

Catalog

1. Summary

1.1 System Environment

1.1.1 Operating System Hardware Requirements

1. CPU4 core or more, memory 8G, hard drive 100G, a single instance can support 4W tags, more than 10W goods (single shop or multi-store).

2. CPU4 or more, 32G memory, hard drive 300G, a single instance can support 20W tags, more than 100W goods (10 shops).

3. 1 application server + 1 database server (with backup function), each server:16-cores CPU, 64GB RAM,, 1TB Disk space, NETWORK 10Mbps, support 100 shops, 10 million goods data.

1.1.2 Operating System Version Requirements

Windows 7sp1 and Server 2008 R2 sp1 or above system version, prefer Windows Server 2016, Windows 10 or above.

1.1.3 Operating System Environment Requirements

1. Server 2012R2 Patch

➢ The patches needed and the order of installation: clearcompressionflag.exe, KB2919442, KB2919355, KB2932046, KB2959977, KB2937592, KB2938439, KB2934018, dotnet-hosting-6.0.1- win.exe (in order from the first to the last, do not switch the order).

➢ Patch download address. https://pan.quark.cn/s/f66503e95d1f (Extract code: GcLW).

2. Win7 x 64-bit patch

➤ Win7 if it is version 7600, you need to upgrade to version 7601 first, install win7SP1 upgrade, and then install the .net4 environment dotNetFx40_Full_x86_x64 (net40).

➤ Win7 version 7601 installs VC_redist.x64 and Windows6.1-KB3063858-x64.msu.

➤ Patch download address (with a tutorial on failed KB3063858 installation):.

https://pan.quark.cn/s/adb6634f5ae2 (Extract code: GdPF).

3. Regular system patches - win10, win11

➤ dotnet-sdk-6.0.400-win-x64.exe, VC_redist.x64, NET Framework version 4.5.1 or higher.

➤ Patch download address: https://pan.quark.cn/s/78e427c5212c (Extract code: EpKU).

2. My SQL Installation

2.1 Installation Instructions

1. If the local server has already installed this database, you need to provide the database account, password, database port, and then install Setup to use.

2. This database is not installed on the local server, and the default information is set to account root, password Pass99, and port 3306.

3. Installation of version 5.7.10.0 or higher, Installation Tutorial - Select Developer Default Mode, Download Address:

4. https://blog.csdn.net/m0_68416190/article/details/127146770

5. My SQL version 5.7.10.0 download address: https://pan.quark.cn/s/ad3d6903f082 (Extract code: ACXh)

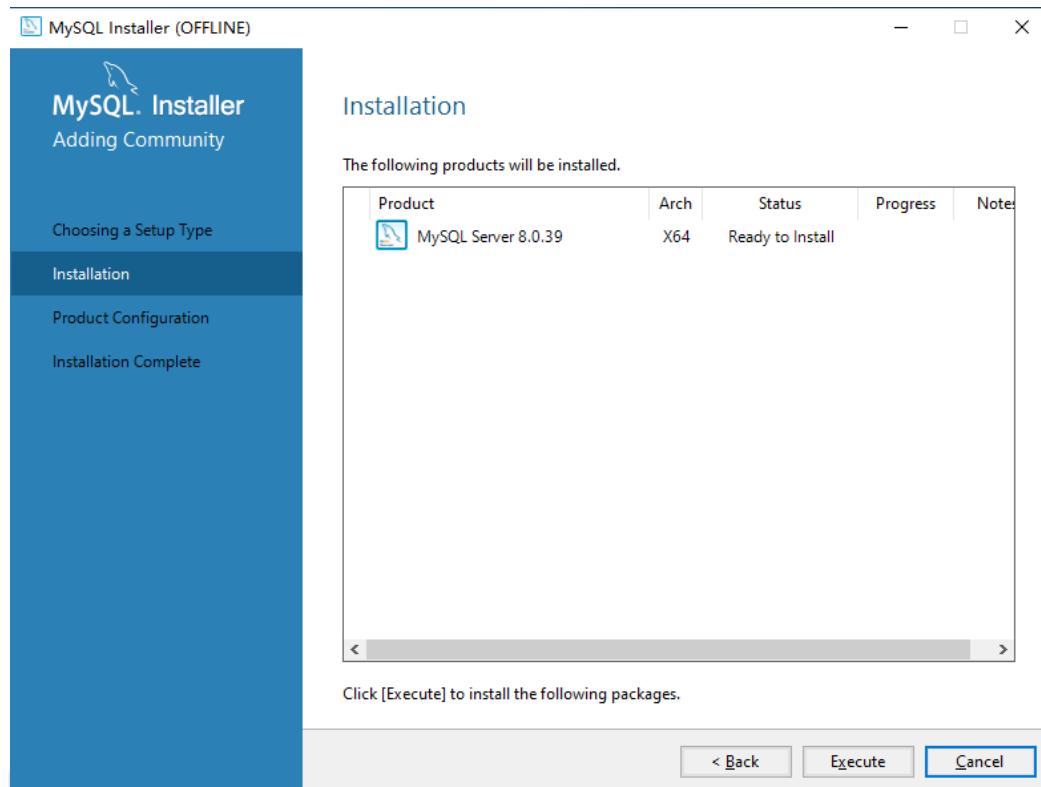6. Installation is complete (database service appears).

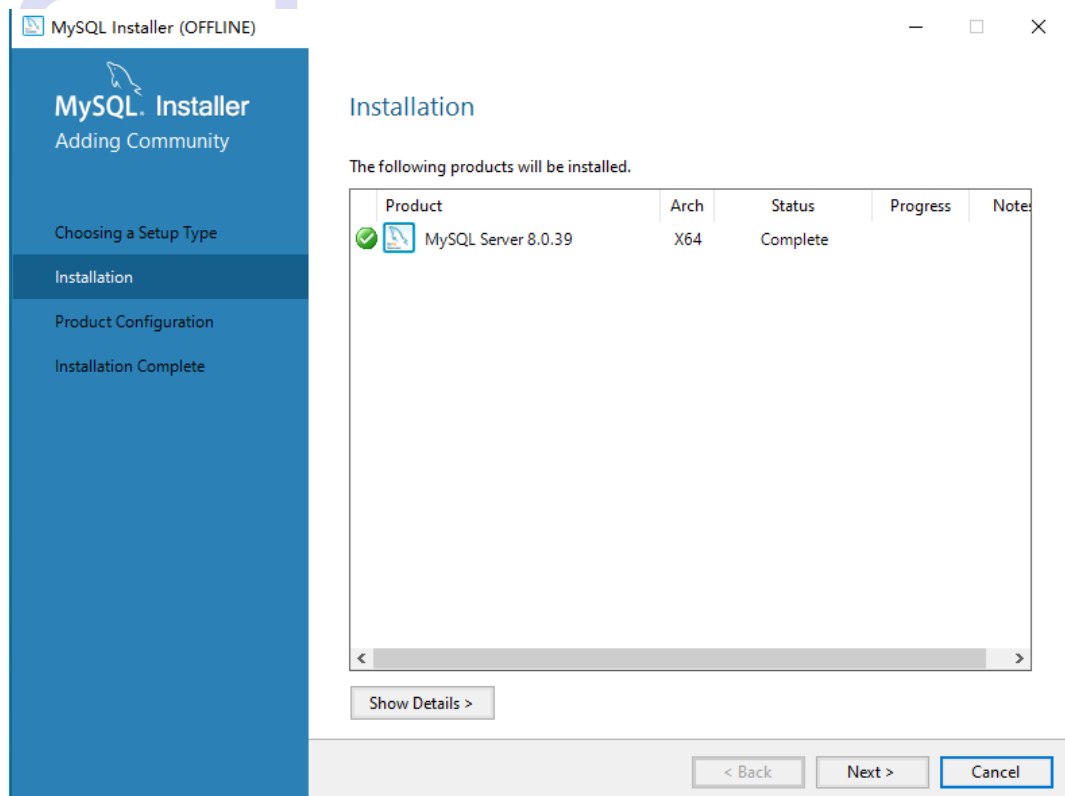## 2.2 Installation Steps

Take MySQL version 5.7.10.0 as an example

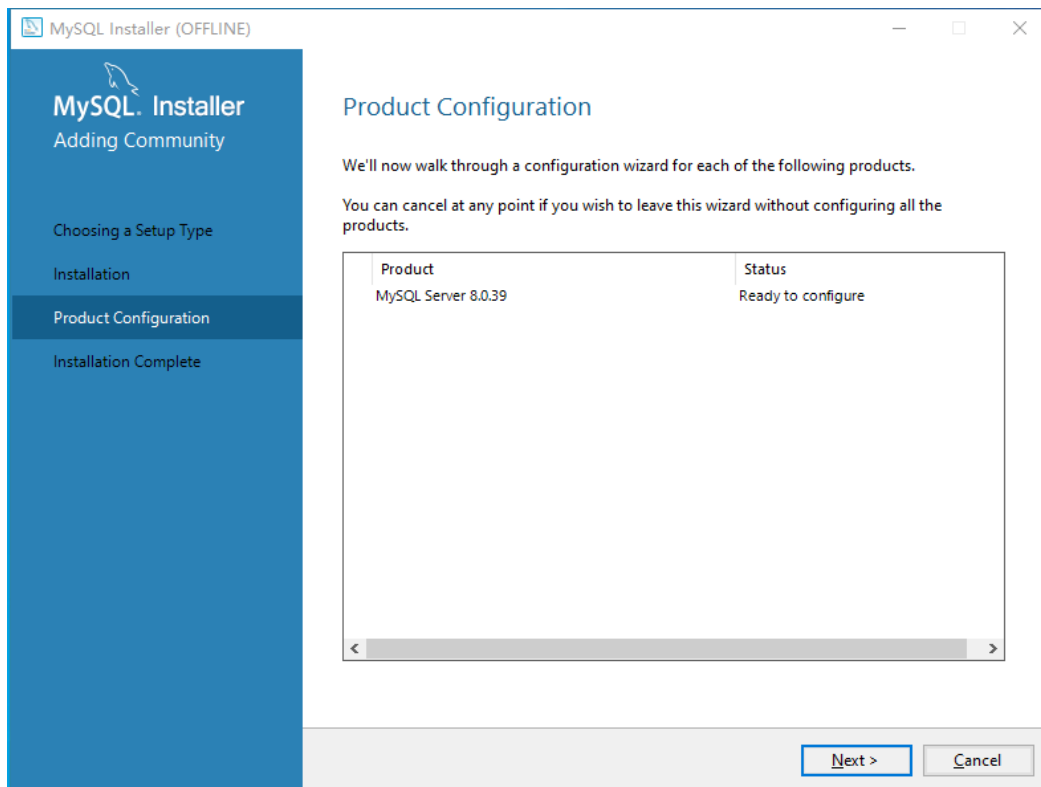1. Open the installation file, select "Developer Default" mode and then select "Next".
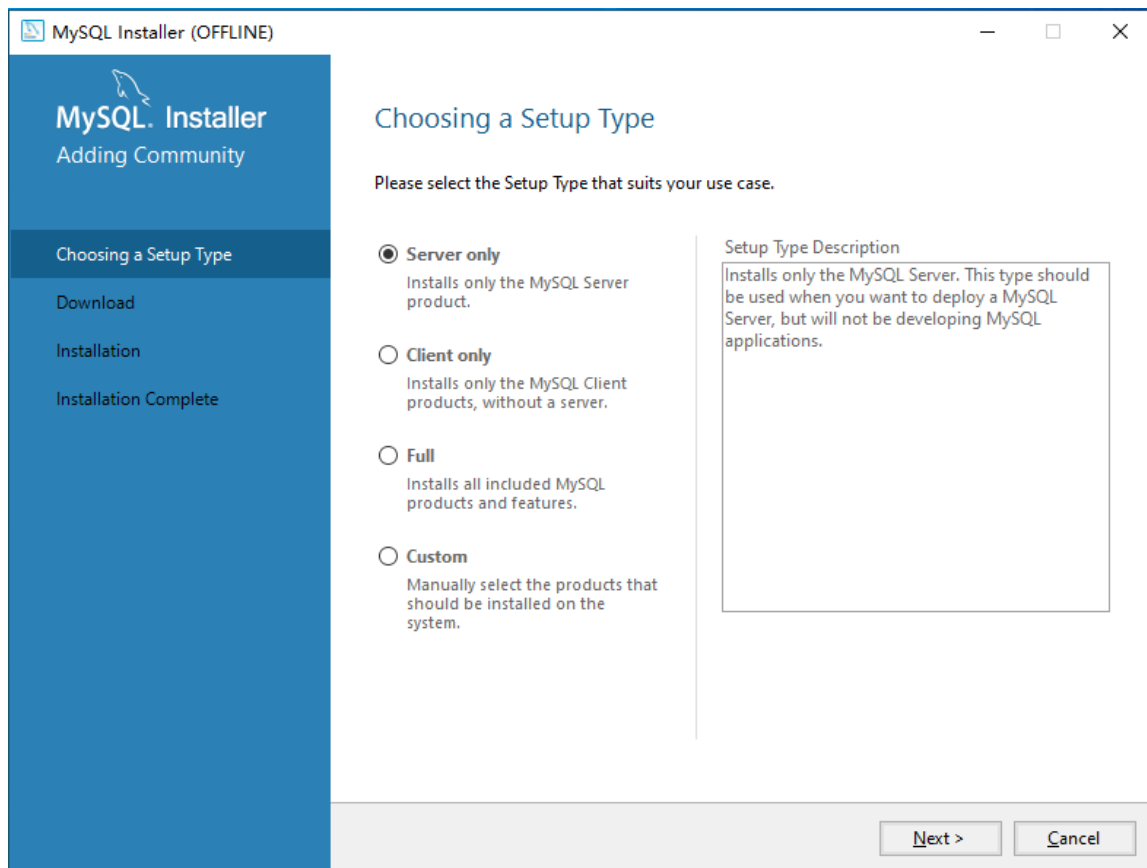
2. Click 'Execute'.
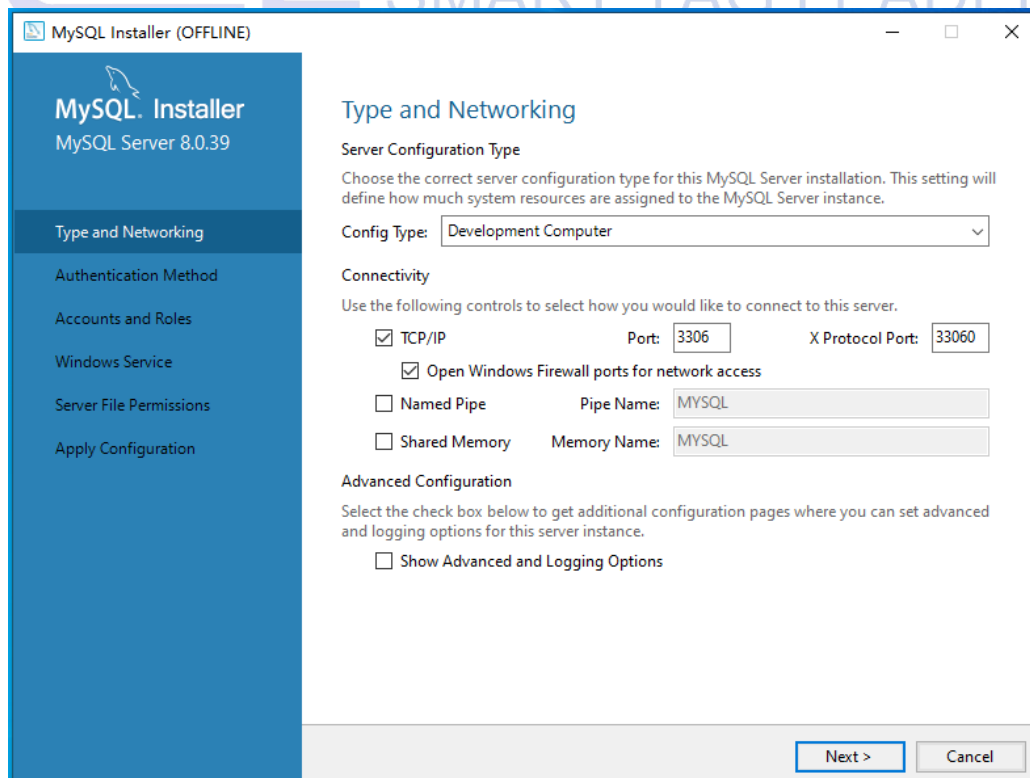

3. Click 'Next' when it's complete.

4. Select 'Next'.

5. Confirm the port and mode to use for the database select Next, default port 3306, and proceed to the next step.

6. The default selection of the first item, no need to operate, directly click 'Next' for the next step.
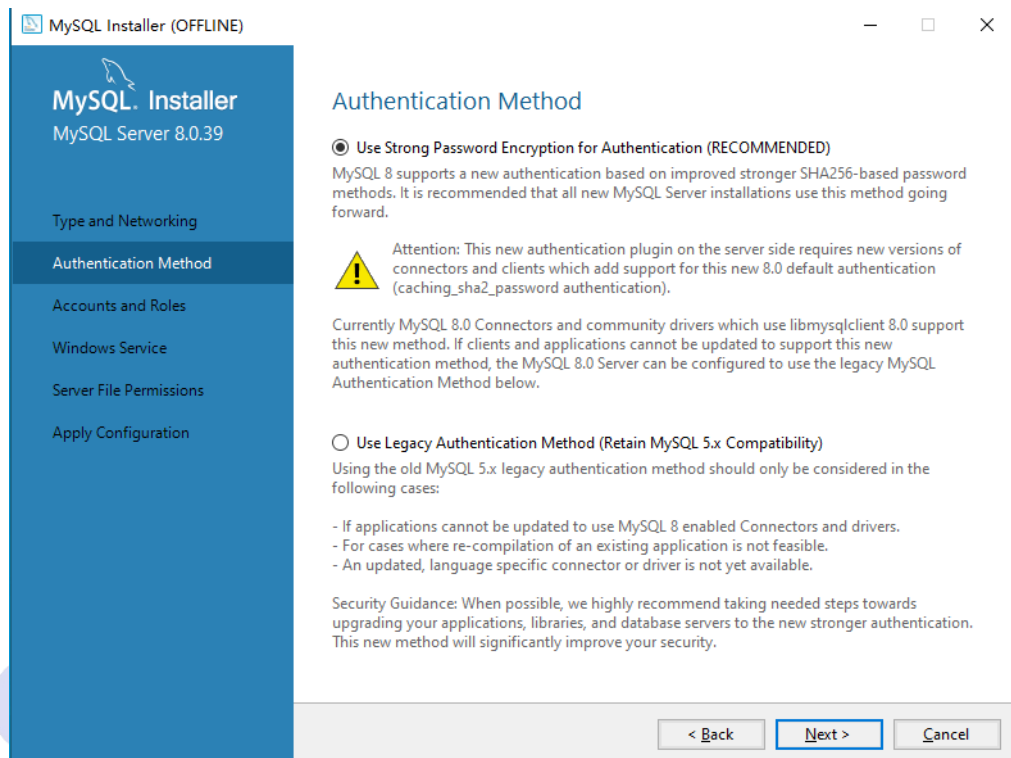
7. Confirm the login password: Pass99, the account default.
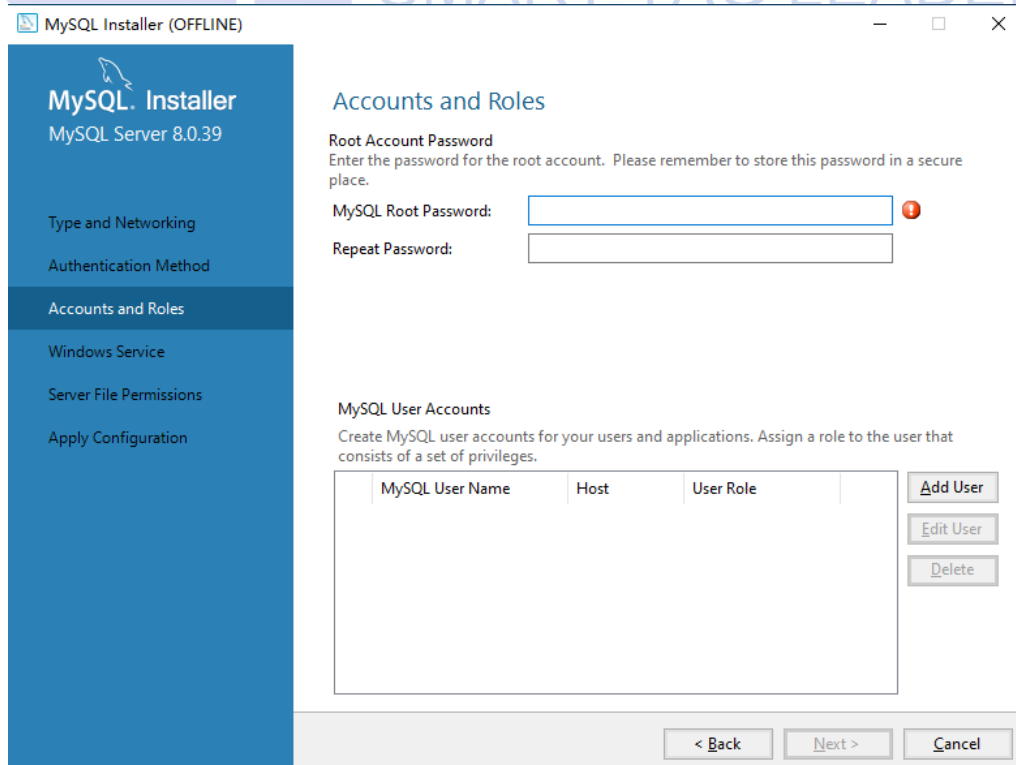
8. Confirm the MySQL database service name, and we can use the default. After confirmation, click "Next" for the next step.
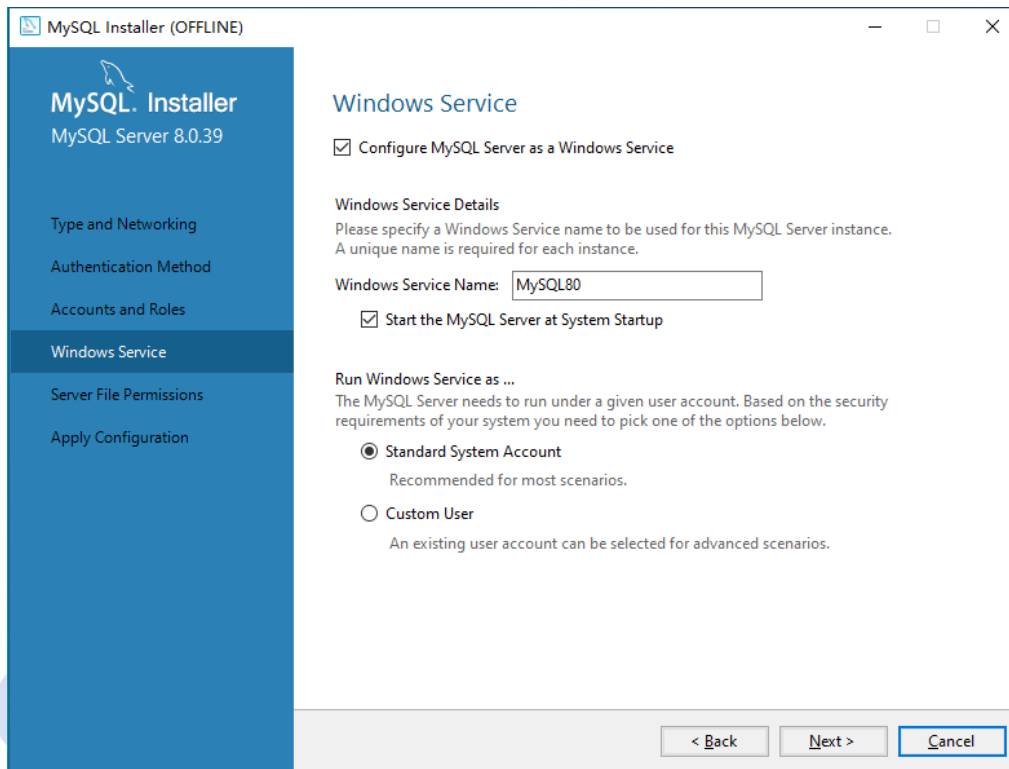
9. Click on "Next" for the next step.
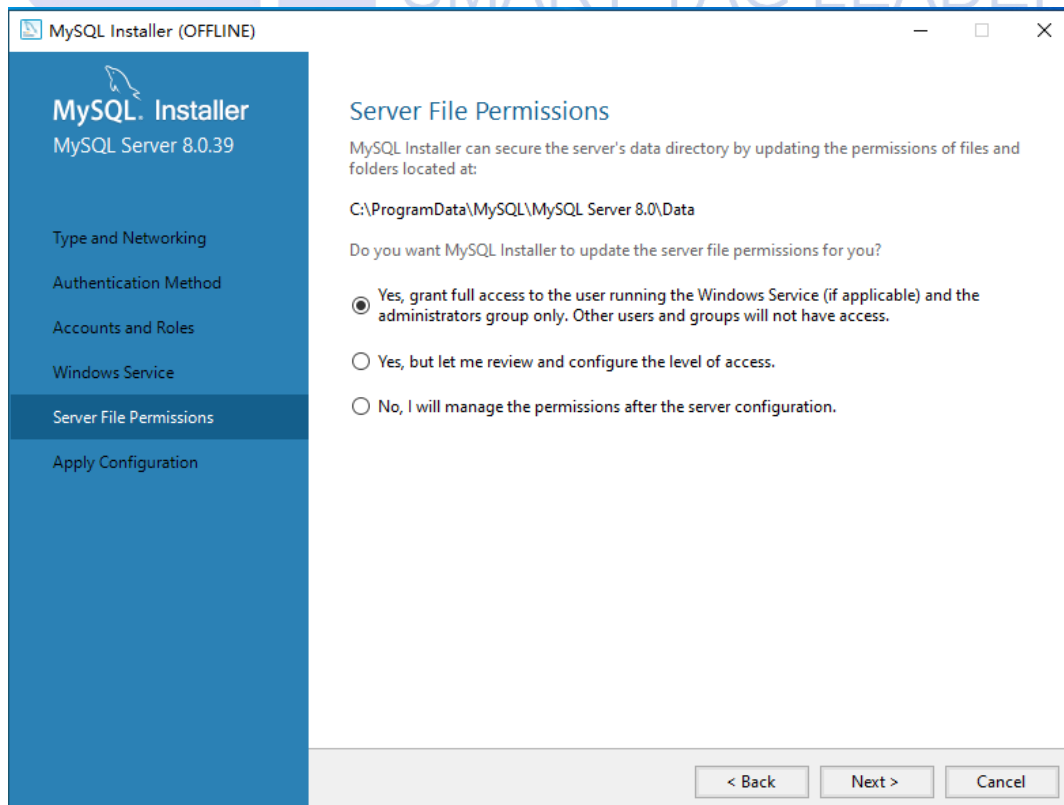
10. Click "Execute" to the next step, and click Finish.
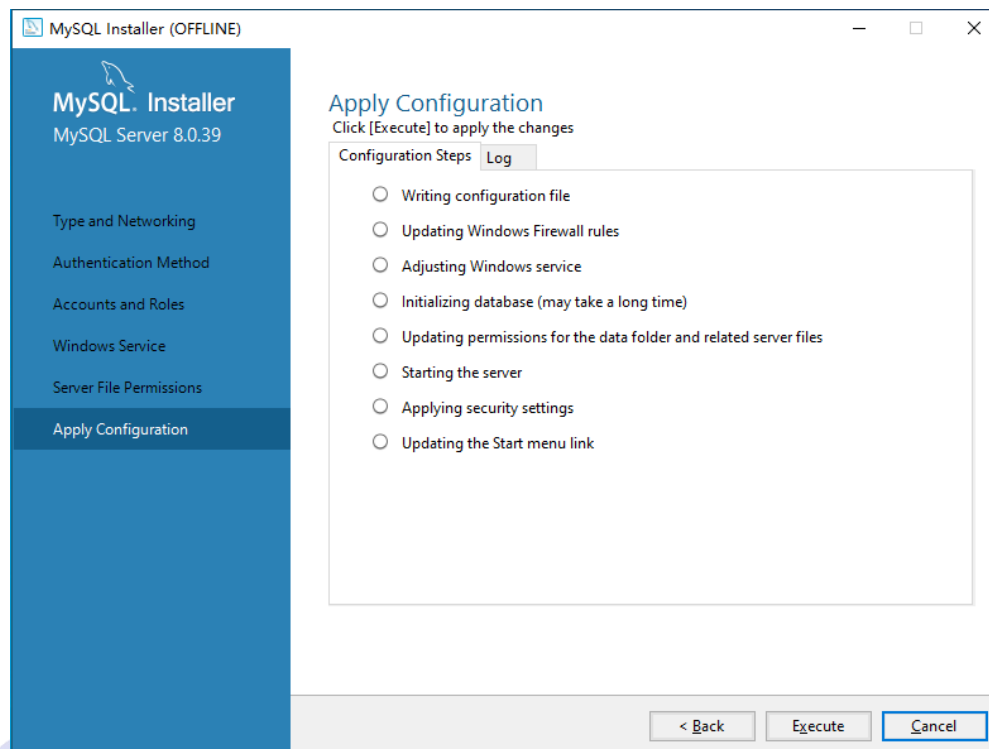
11. Verify the account password, enter root in the User name box, Password: Pass99, and click Check to confirm, √ for checking success, after checking click "Next" to enter the next step.
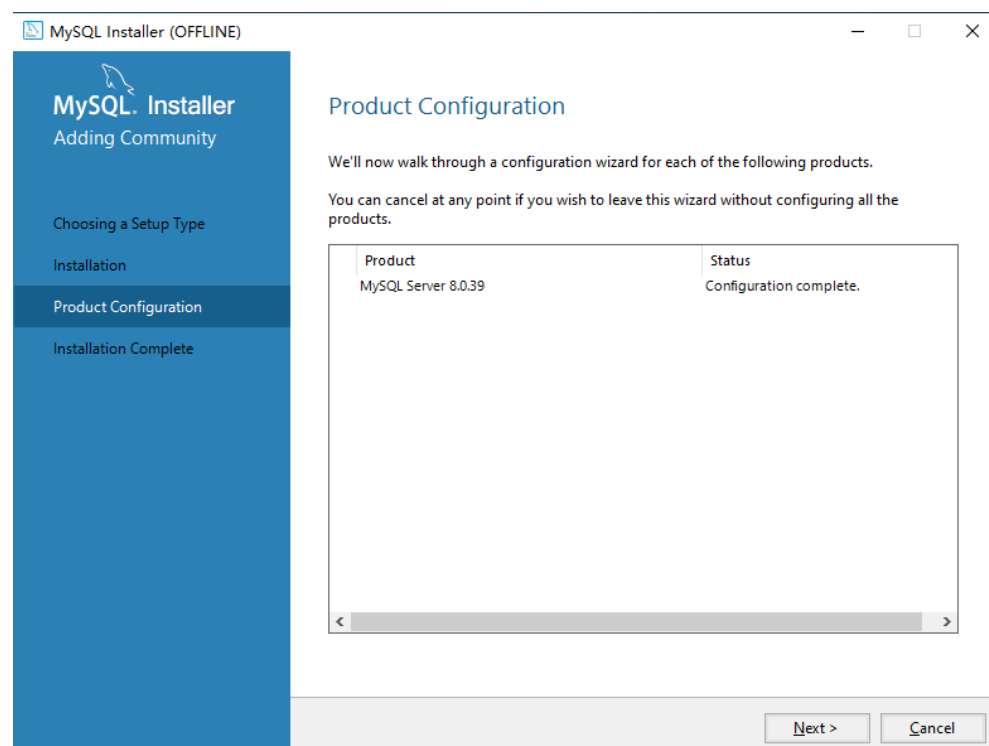
12. Click "Finish" to finish the installation.
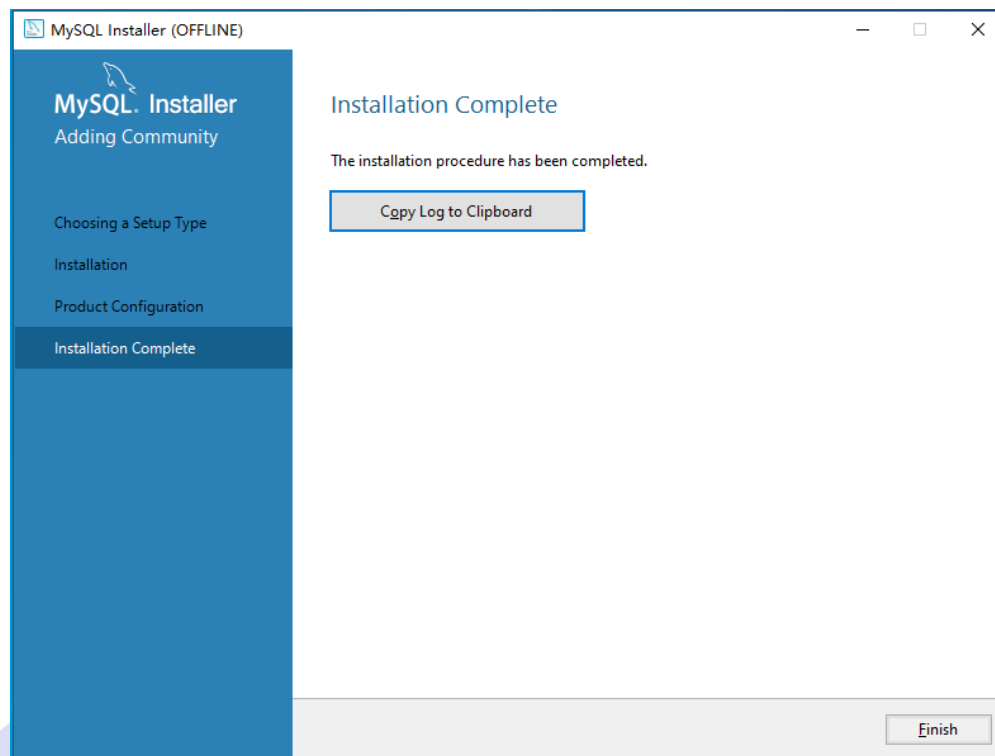
Note: After the installation is complete check whether the MySQL service is starting, you need to keep it started.

3. Redis Installation

3.1 Installation Instructions

1. Download address: https://pan.quark.cn/s/5271dc49239c .

2. After the installation is complete, open the service to make sure it is run properly, and the service name defaults to Redis.

3.2 Installation Steps

1. Open the Redis installation package, tick "I accept the terms in the License Agreement", and select "Next".
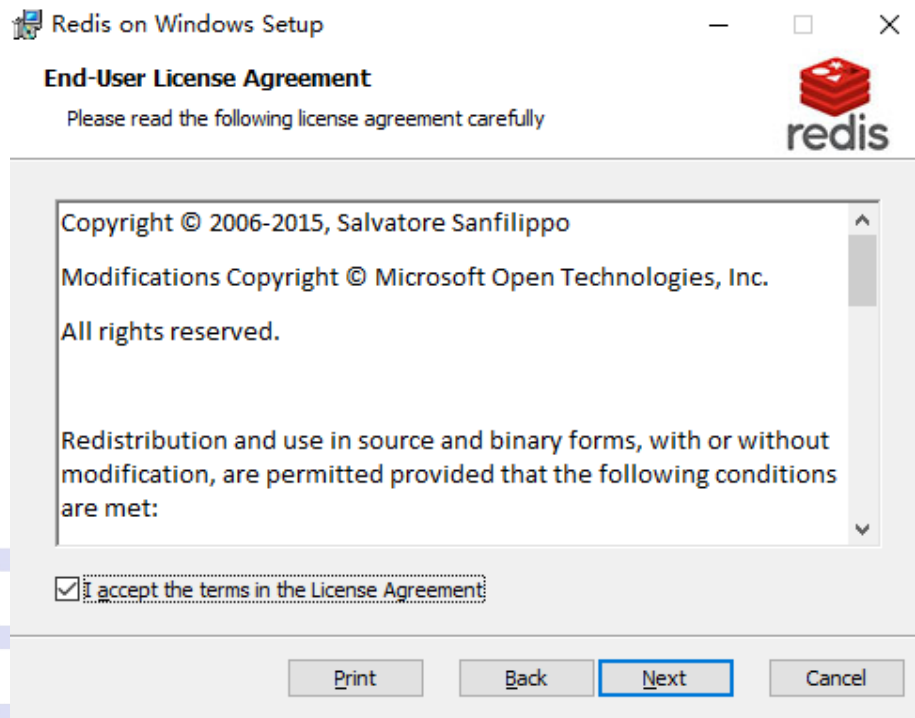
2. Select the database installation location and tick "Add the Redis installation folder to the PATH environment variable". Select "Next".
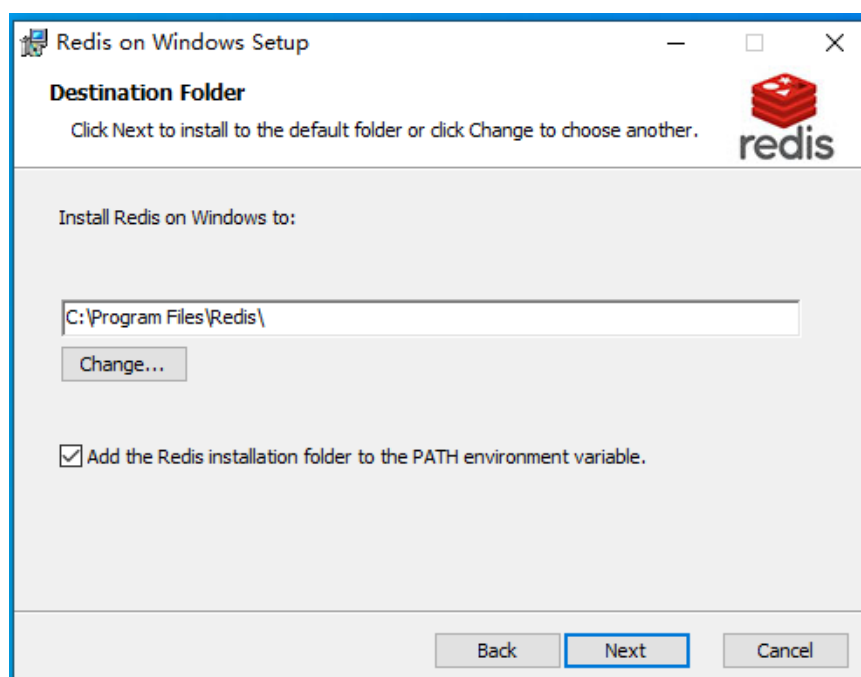
3. Confirm the database port, the default port 6379, and click "Next" for the next step.
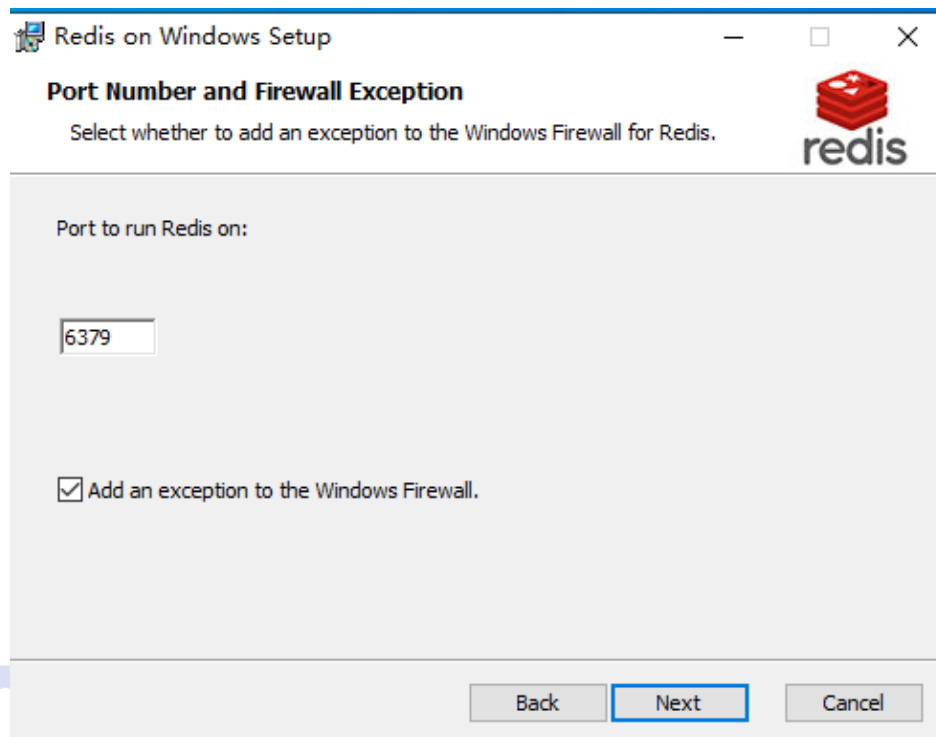
4. No need to operate, just click "Next" to proceed to the next step.
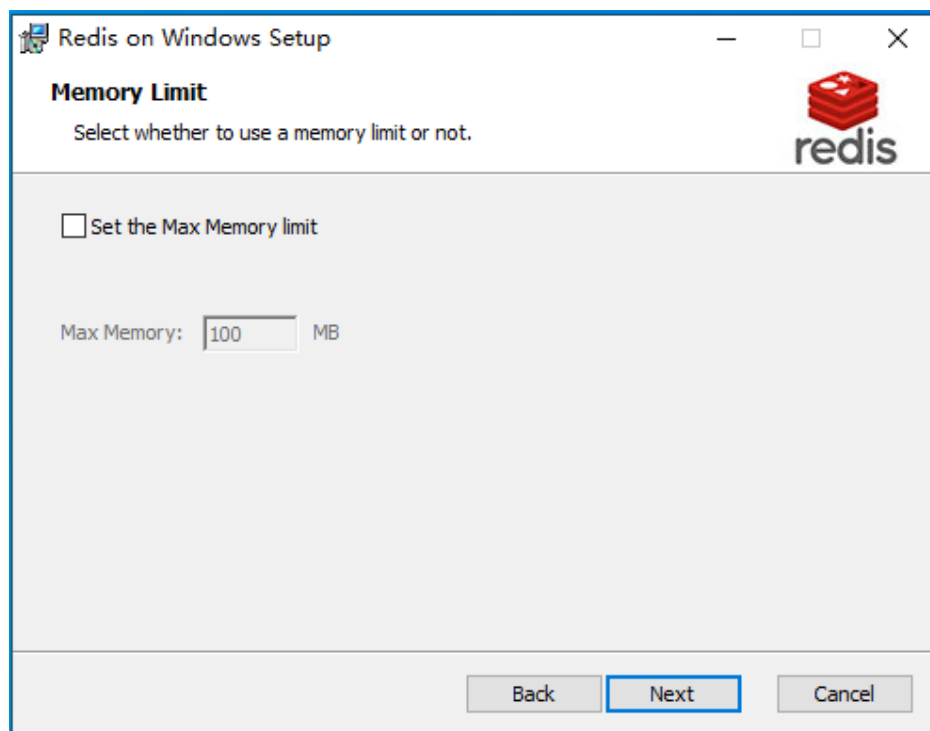
5. Click "Install" to start installing Redis and complete the installation.
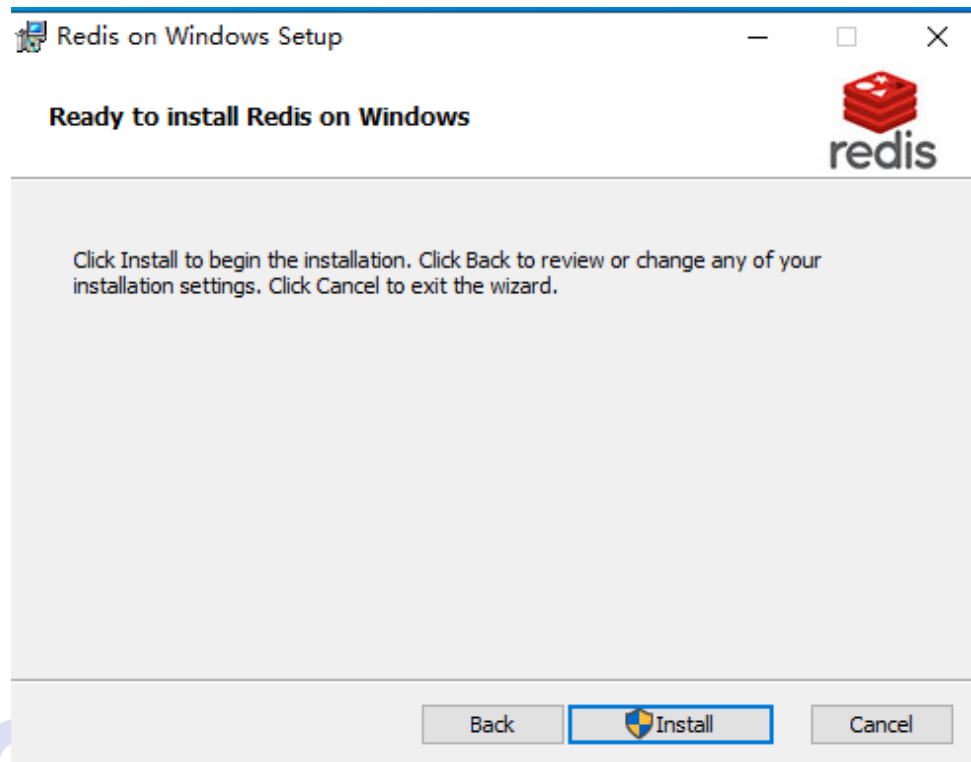
Note: After the installation is complete, check if the Redis service is startup, and keep it startup.

4. Setup Installation

4.1 Installation Instructions

The version is constantly updated, please install the latest version when installed, the installation version is provided by the project manager.

4.2 Installation Steps

1. Open the Setup package and click "I agree".

Install eRetail 3.2

User Use Agreement

Use protocol
If you install, copy or otherwise use the Software Product, you are deemed to have agreed to the following terms and have entered into this Software License Agreement (hereinafter referred to as "the Agreement") with our company If you do not agree to the terms of this Agreement, please do not install the Software. If you obtain any copy of the Software from the Trading Center through lawful channels, you have the following rights:

1、Usufruct
You have the right to install the Software on your computer and use the Software within the scope of your business to reproduce all the functions of the Software.

2、Technical Support
(1)、You are entitled to full technical support from our company.

Refuse   Agree

2. Tip interface, installation to confirm the operating system environment, and database are installed, you need to install the environment before clicking "Next" to continue the installation.

Install eRetail 3.2 ,Prepare the following environment before you begin:

1、.Net6.0 Run the environment

2、MySql Serve

3、Redis Serve

Cancel   Next
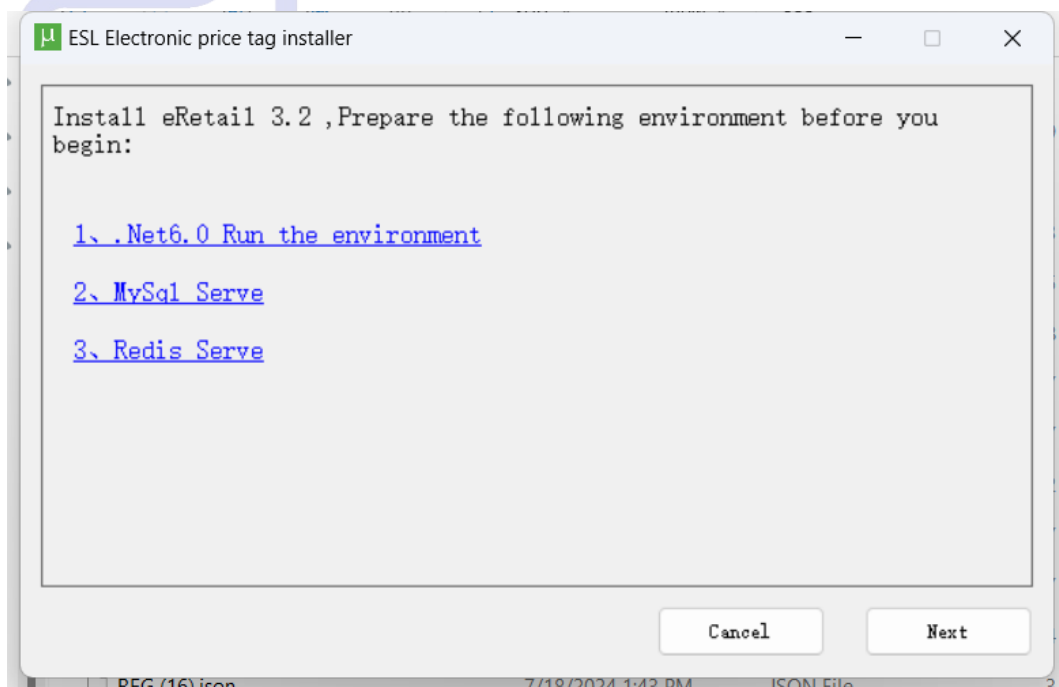
3. Port, installation path parameters to fill in, for the program installation.
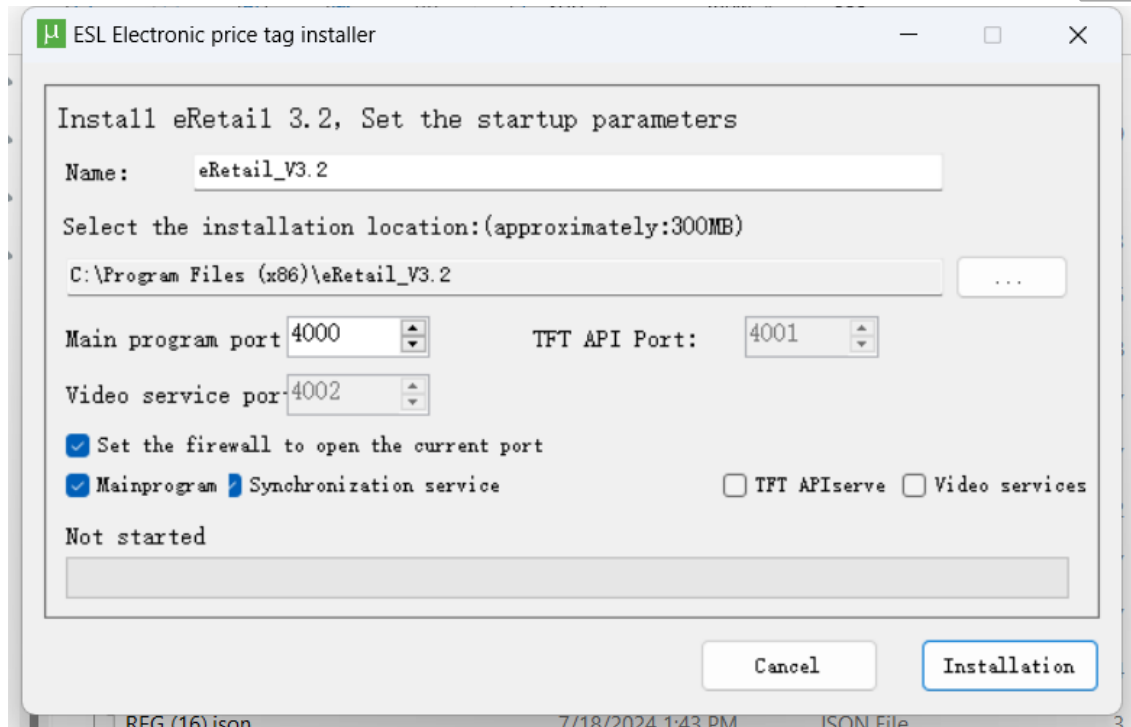
➢ The name of the column can be changed, and it shouldn't have any Chinese characters, the default does not need to be modified, and multi-instance with the port to distinguish the name.

➢ Select the installation location, install all 3.2 system files under the same path, convenient for subsequent viewing, and use the port to distinguish the naming of multiple instances.

➢ The default port should not be changed as much as possible, it can change if you have special requirement, and the port should not have any confliction, and the access rights of the port need to open.
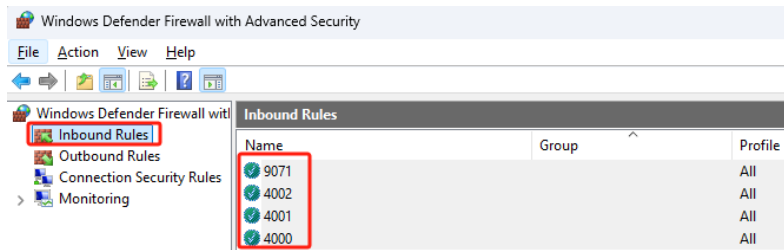
➤ "main program" must be ✔, customers need to do data synchronization to do docking in the case of "synchronization services" need to be ✔, "TFTAPI service", "video service" is a TFT color screen or advertising screen with the program, if you need to use this type of label need to be ✔. "TFTAPI Service" and "Video Service" are the procedures for the TFT color screen or advertising screen, if you need to use this type of label you need to ✔.

4. Database connection parameters should be filled in and click Finish.

➤ Database The IP of the deployed My SQL database server, locally you can fill in 127.0.0.1.

➤ Database Port - My SQL database port, the default port is 3306, if you have changed it, you need to fill in the changed port.

➢ Username - My SQL database account, default root, if you have changed it, you need to fill in the changed account.

➢ Password - My SQL database password, default Pass99, if you have changed it, you need to fill in the changed password.

➢ Database Name - A single instance can use the default name, and multiple instances are distinguished by the master port, such as TitanDB5000.

➢ Redis-Installed Redis database IP, local can fill 127.0.0.1.

➢ Redis Ports - 6379 default port on page 8, if you change it earlier you need to change it here as well, add 1 to the number after multiple instances, select 1 for the second set of instances, select 2 for the third set of instances, and so on up to 15.

➢ local IP: local IP address or mapped IP address.

➢ After finishing, check whether the corresponding eRetail services can start normally, including the DataSync synchronization service, TFTApi service, VideoService video service, and the main program service. As shown in the figure below:

eRetail_V3.2
eRetail_V3.2_DataSync
eRetail_V3.2_TFTApi
eRetail_V3.2_VideoService
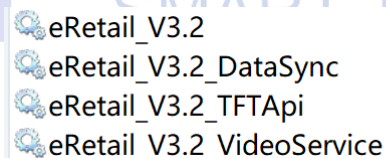
5. After the installation is finished, it automatically switches to the website for system configuration and system activation. If the website cannot open, it may be due to the port access privilege is not open or the service is not starting.

System Configuration -> System Activation

System Configuration

* Instance name   Please enter the instance name

* Customer code   Please enter customer code

* Client name   Please enter customer name

Next

➢ Instance name: ETAG+ Customer Pinyin, Customer English Name

➢ Customer Code: Customer Pinyin, Customer English Name.

➢ Customer name: Customer Pinyin, Customer English Name.

➢ Fill out the form and click Next.

System Configuration -> System Activation

System Activation

Activation Type	● Online ○ Offline
Device ID	296CEC936D937BB5DAC1A9FCA477B3D0
Device Code	JiHr1MHHY+UvsnPANz9ZK2N2dUog8xV3wFiX/qKS5qI/9HX3DN8GDrgy21r34Oj rCfimGU9mxGAbKJS/mhgNpOwqgfeH6zvbkiF0FbZxScYrqetmtsQ9UEQz0zYgos MS1IHk2yY9a6xA+73PW4tsXHAE40CJqqD0u4dwfEp7LoIli8d+76Id6cI06LtdWZ+Y 2IGtyPqFM0LTUkmoGmh+dFSZTi2keAqwehtnNahd1xYAbGckmpo3VO0Ik15USL pzokzXA3e1W9PxIWWpHVLSdYfgL0r91oTic3MO6jpvfSZQfMKtqeeh0f4sXEmaVb LR6m3AGe5n3LKxD6NS+ygUhzGBDz7FIIYLsoppisEJ7BgDyqYhQJaBu24Nx32yPA 6IngBdHM2YjGVAYidFMJYWhcYy8GYH+Ri/e1YWaob9DBgtKi4ddntgS8sU0NUXd u7qwjYyRJY3ZYW1DTV6Fu9J9botGHxNX3nSxtT3ZMQDyhim3XXut/MwCGf8mAa +tE0W

Activate

➢ Online activation (the server can access the extranet): click on activation - provide the three values filled in above to the project manager - wait for the project manager to activate - after activation - click on activation again.

➢ Offline activation (server cannot access the extranet) - Provide the three values, device ID, and feature code filled in above to the project manager - Wait for the project manager to activate it - After activation - Click on activation again.

➢ After activation, you will automatically enter the back-end of the electronic price tag system, and start to use the back-end of the electronic price tag system;

➢ For multi-instance deployment on the same server, the same values for instance name, customer code, and customer name fill in the same value without re-activation, and if the fill-in is not the same, you need to activate it again.

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