# SQL Server Installation and Configuration

SQL Server is a relational database management system introduced by Microsoft Corporation. It is easy to use and scalable, and has a high degree of integration with related software. It can be used across multiple platforms, from laptops running Microsoft Windows 98 to large multi-processor servers running Microsoft Windows Server 2012.
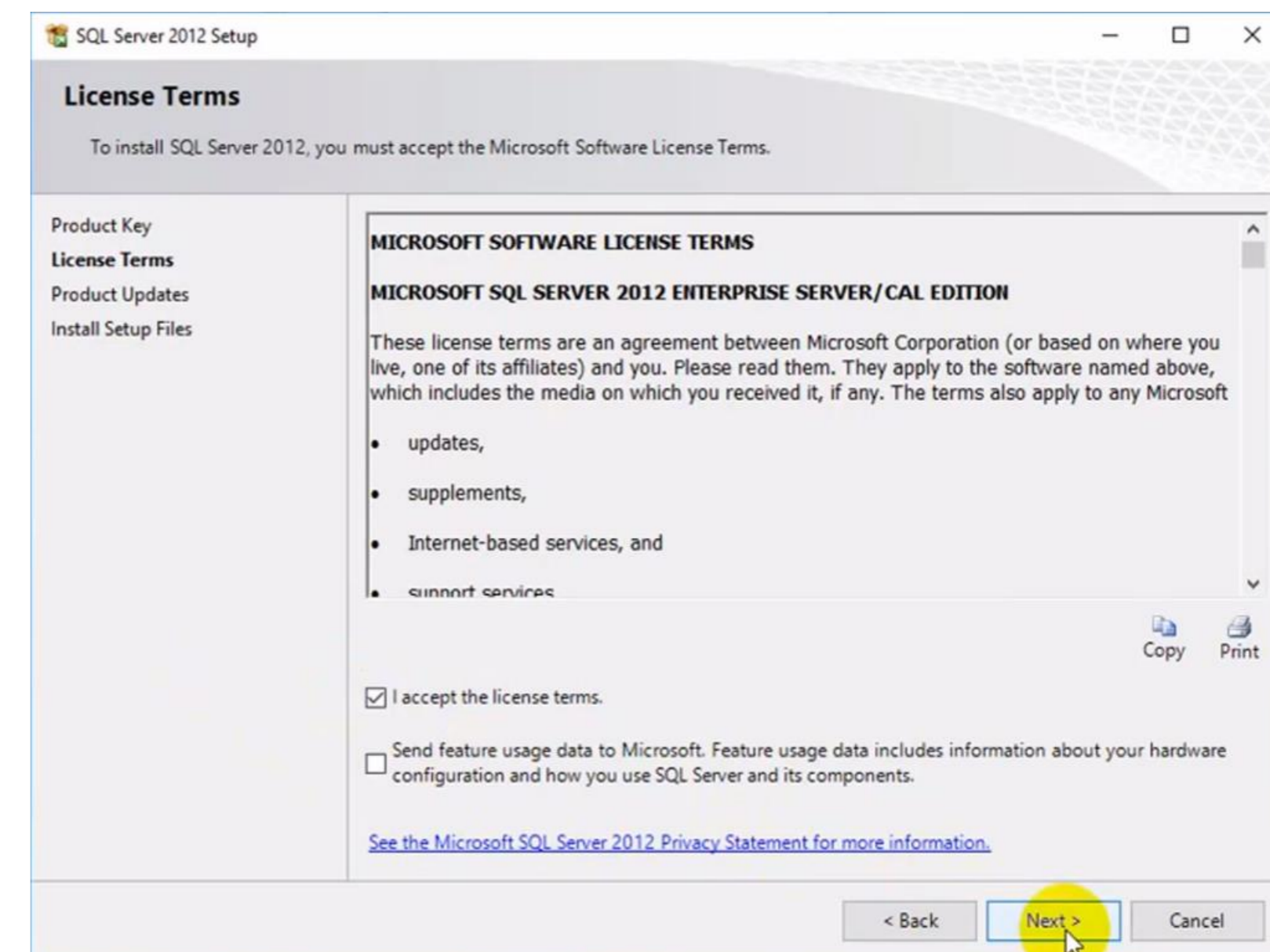
SQL Server Installation
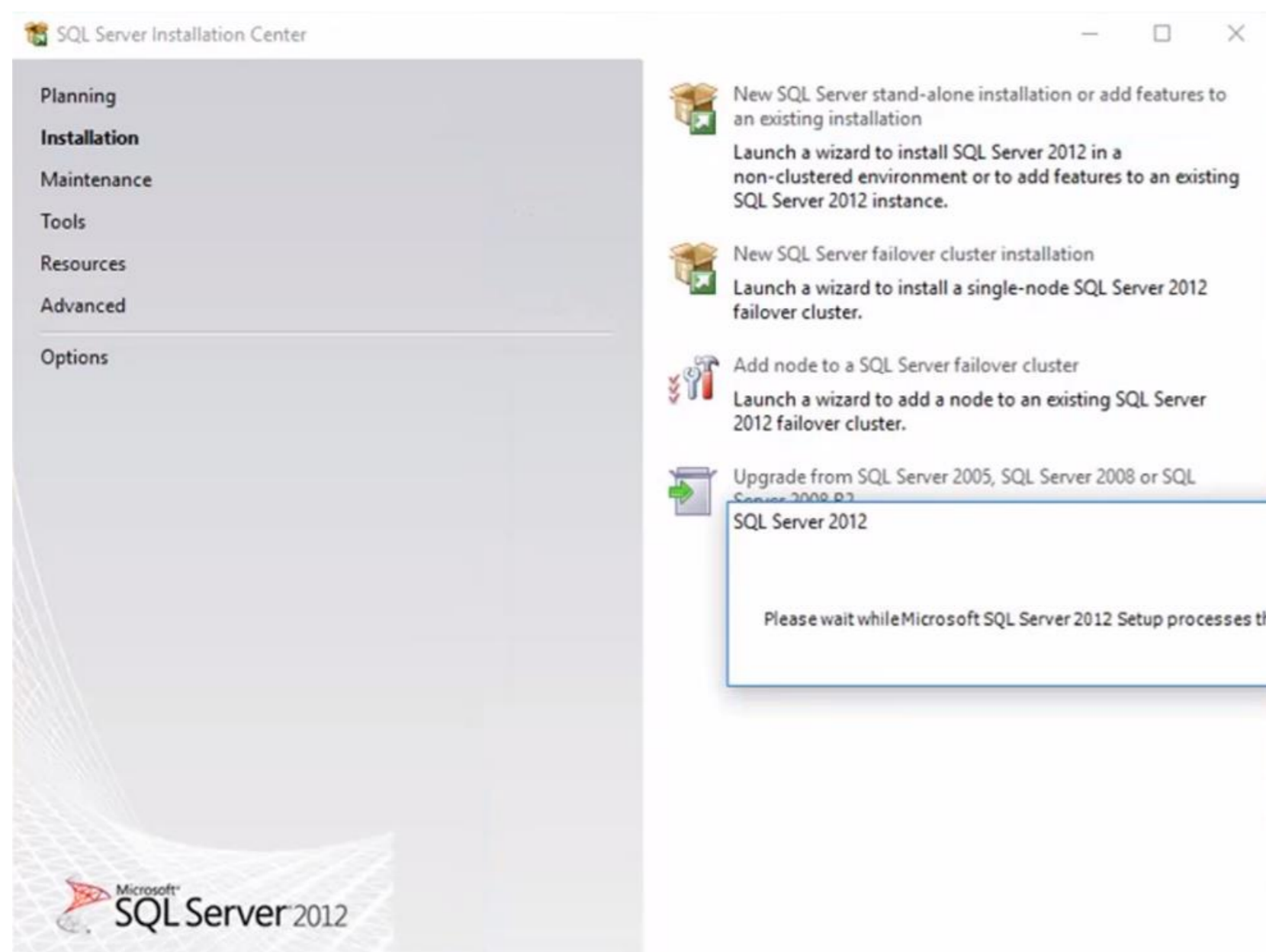
1. Installation

Click on the first item on the right "New SQL Server Standalone Installation or Add Features to an Existing Installation"
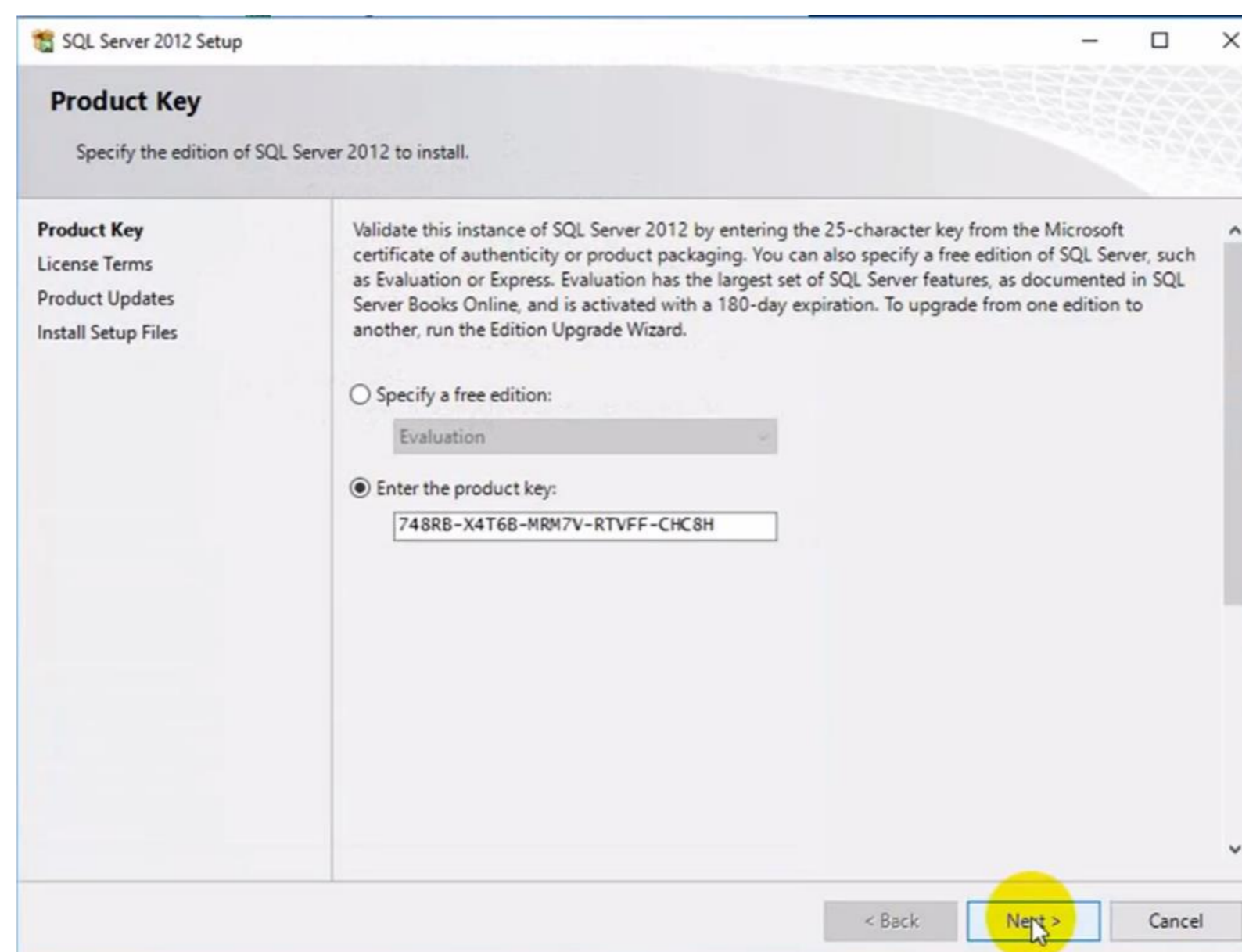
2. Product Key

If you purchased a licensed version, click on Enter the product key. If you choose to install a specific version then click on "Specify Available Versions". If you do not want to install an incomplete version and download it from the Internet, then Try it out (with a 180-day trial key)
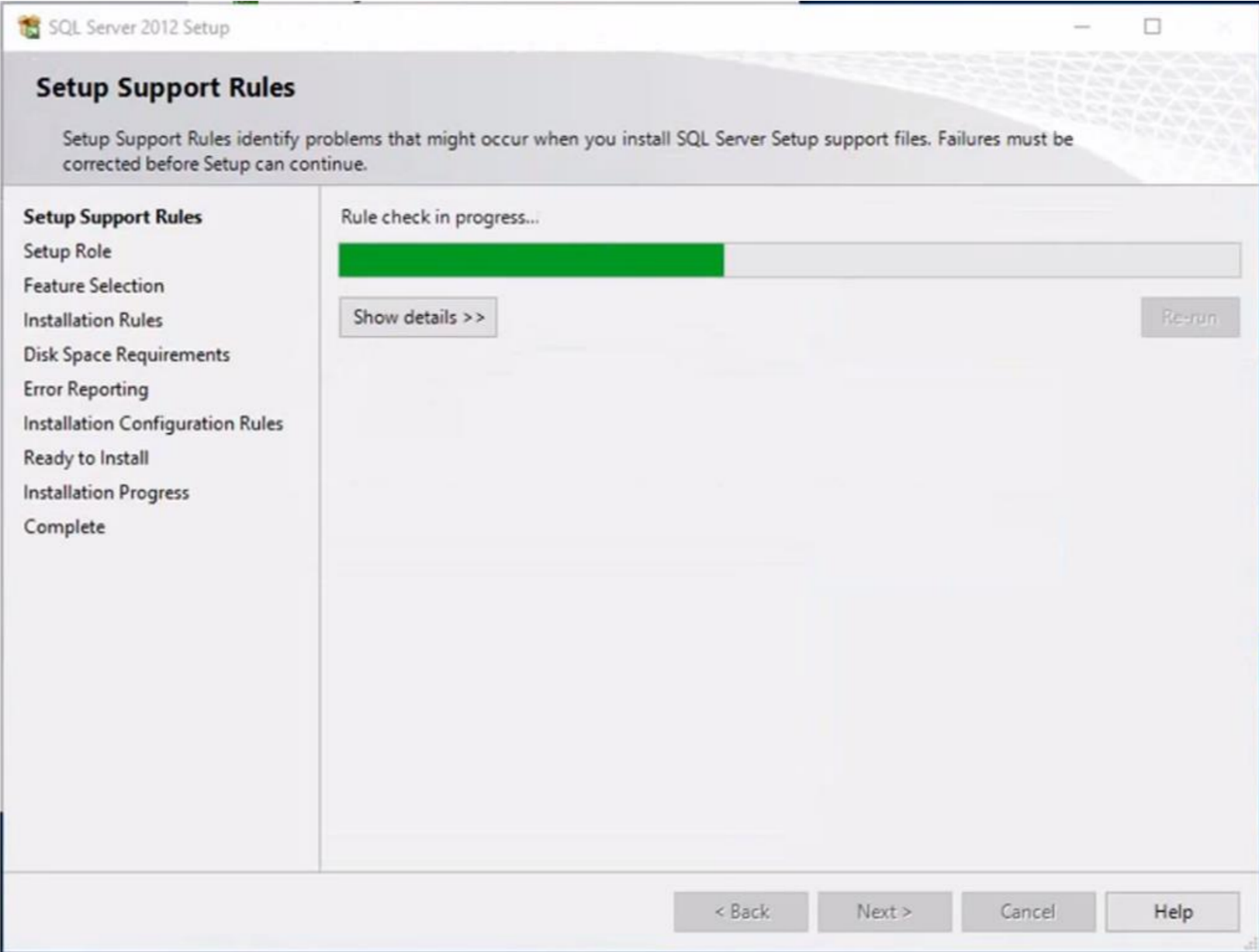
3. License Terms

Check "I accept the license terms" and click Next
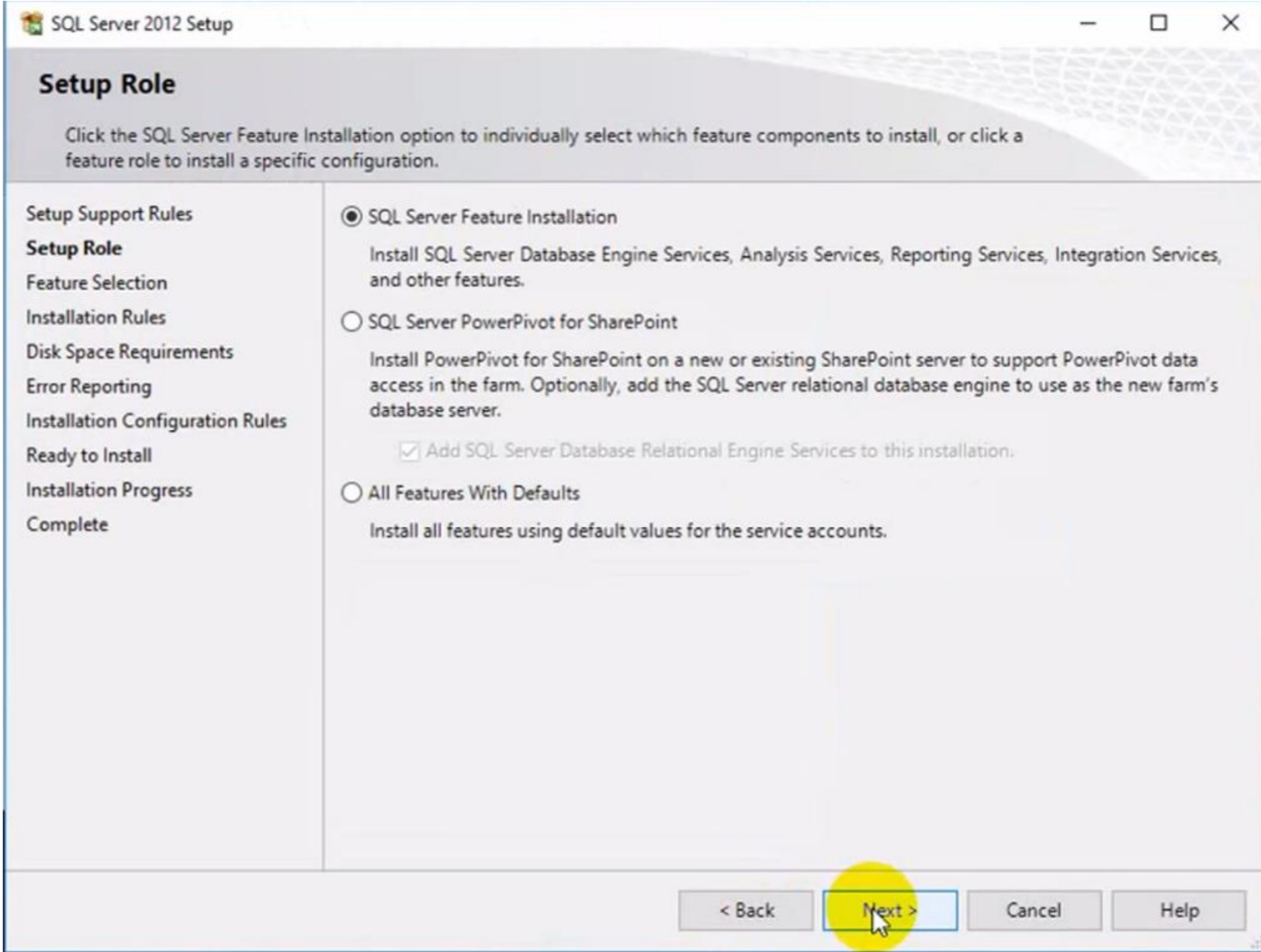
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SQL Server Installation
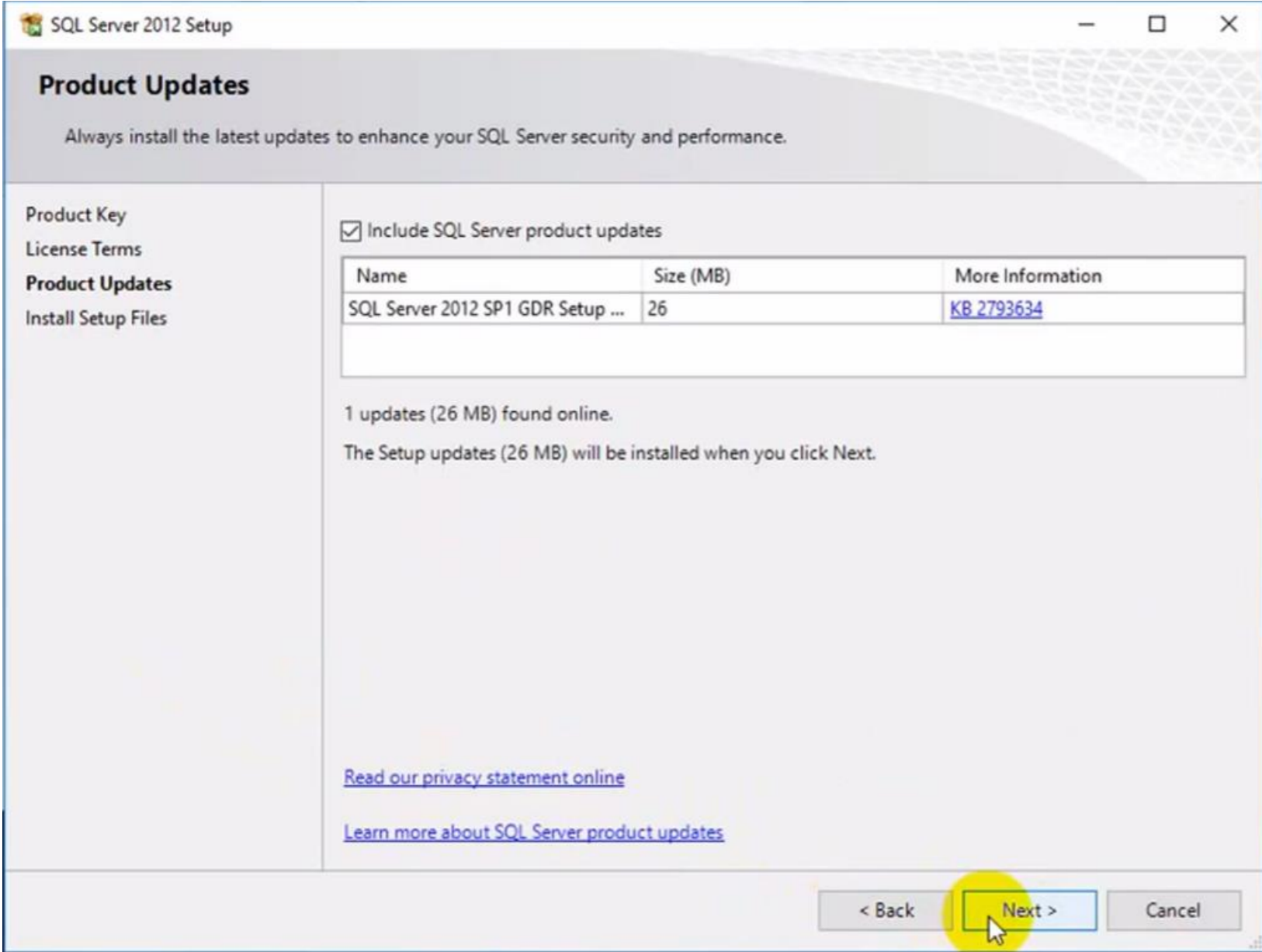
4. Product Update

It is recommended to install in the case of networking, query for updateable patches.
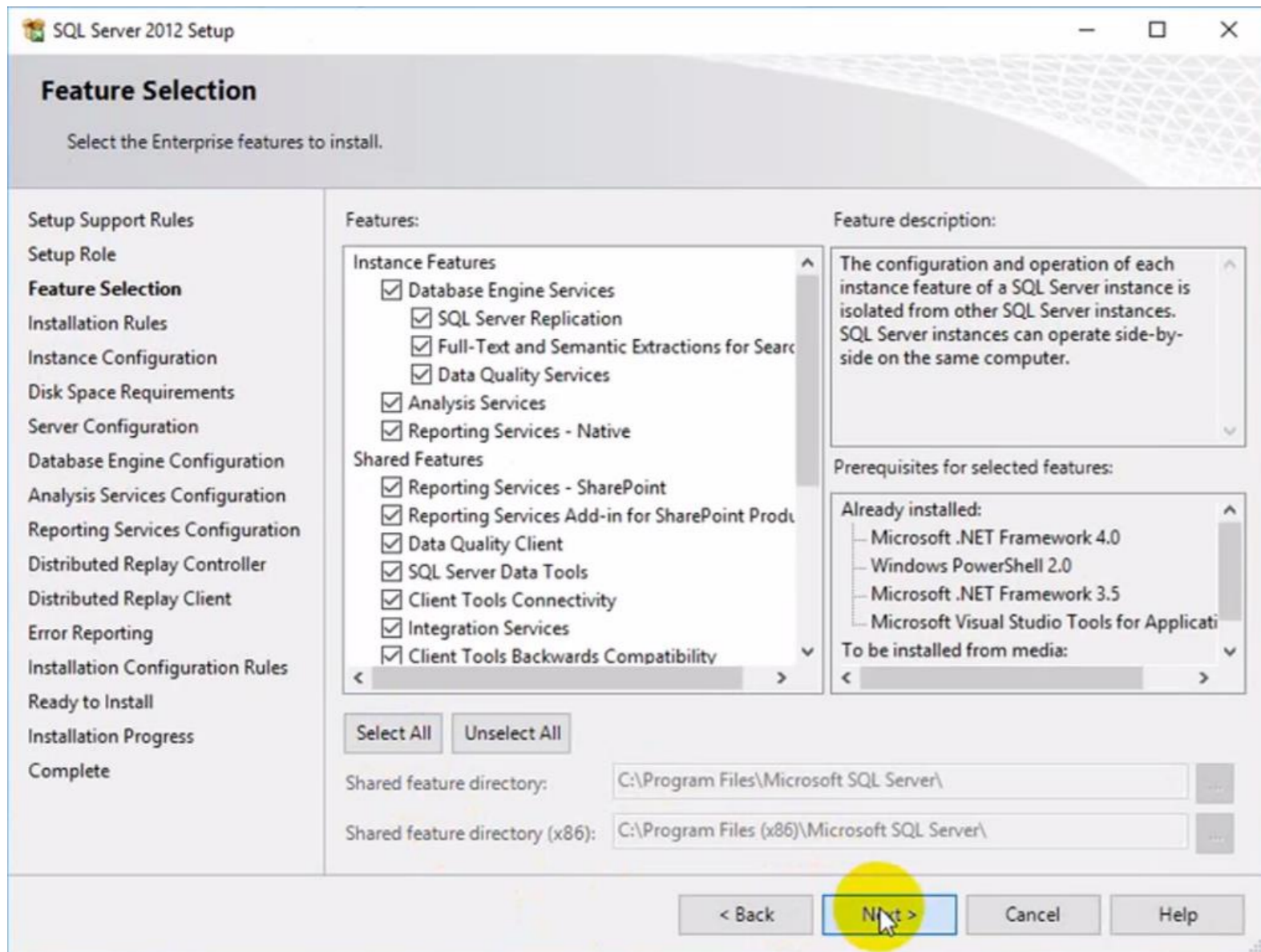
5.Setup Support Rules

6.Set Role

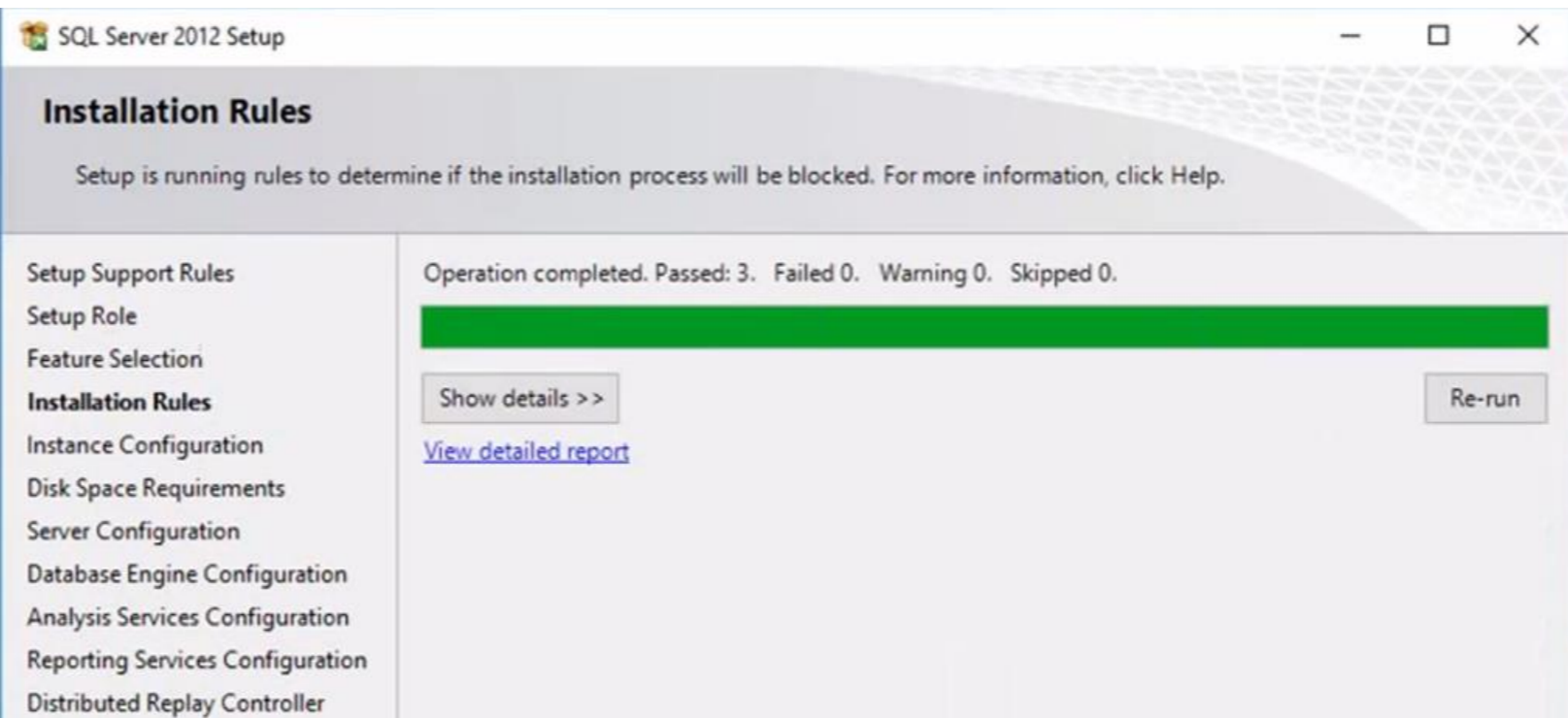Select the SQL Server feature installation and click "Next"
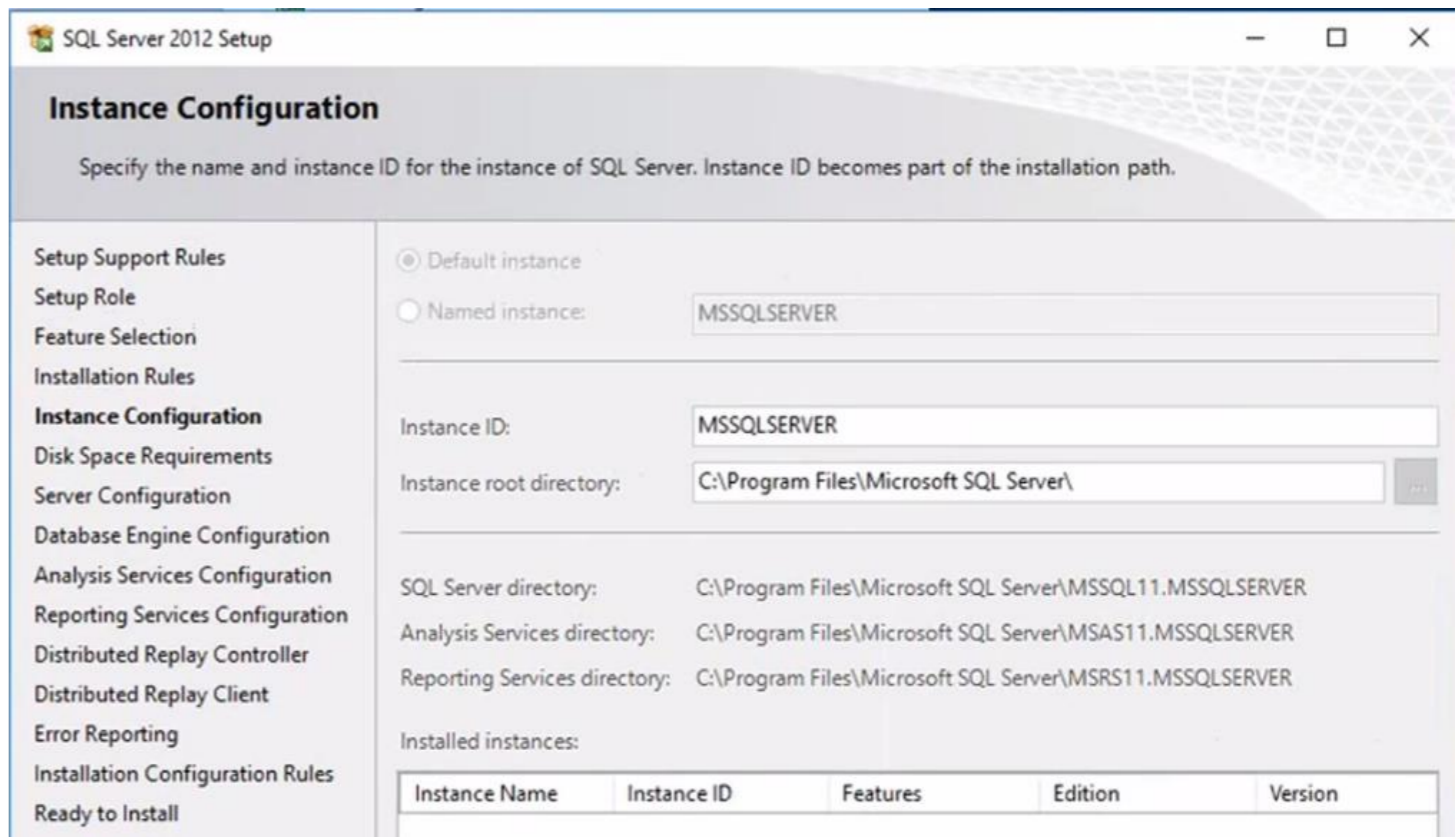
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SQL Server Installation
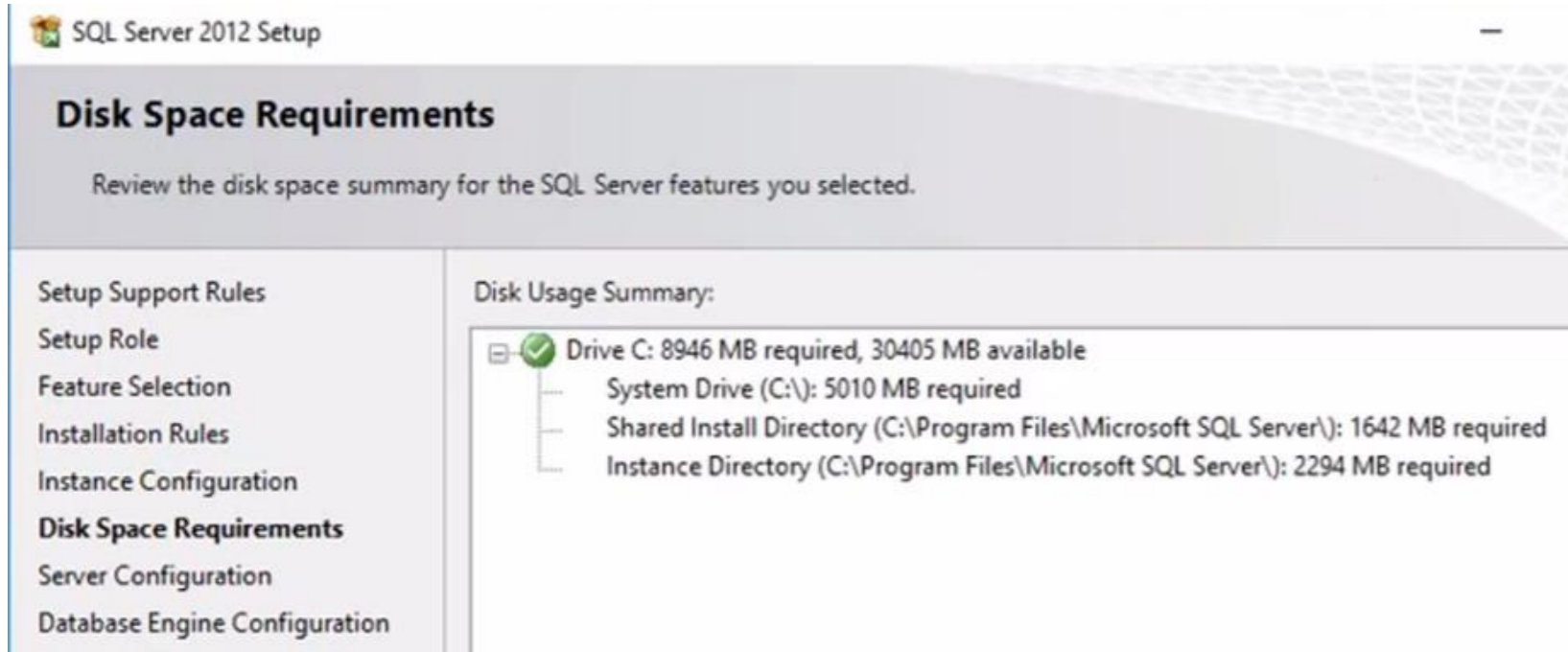
7.Feature Selection

Recommended all

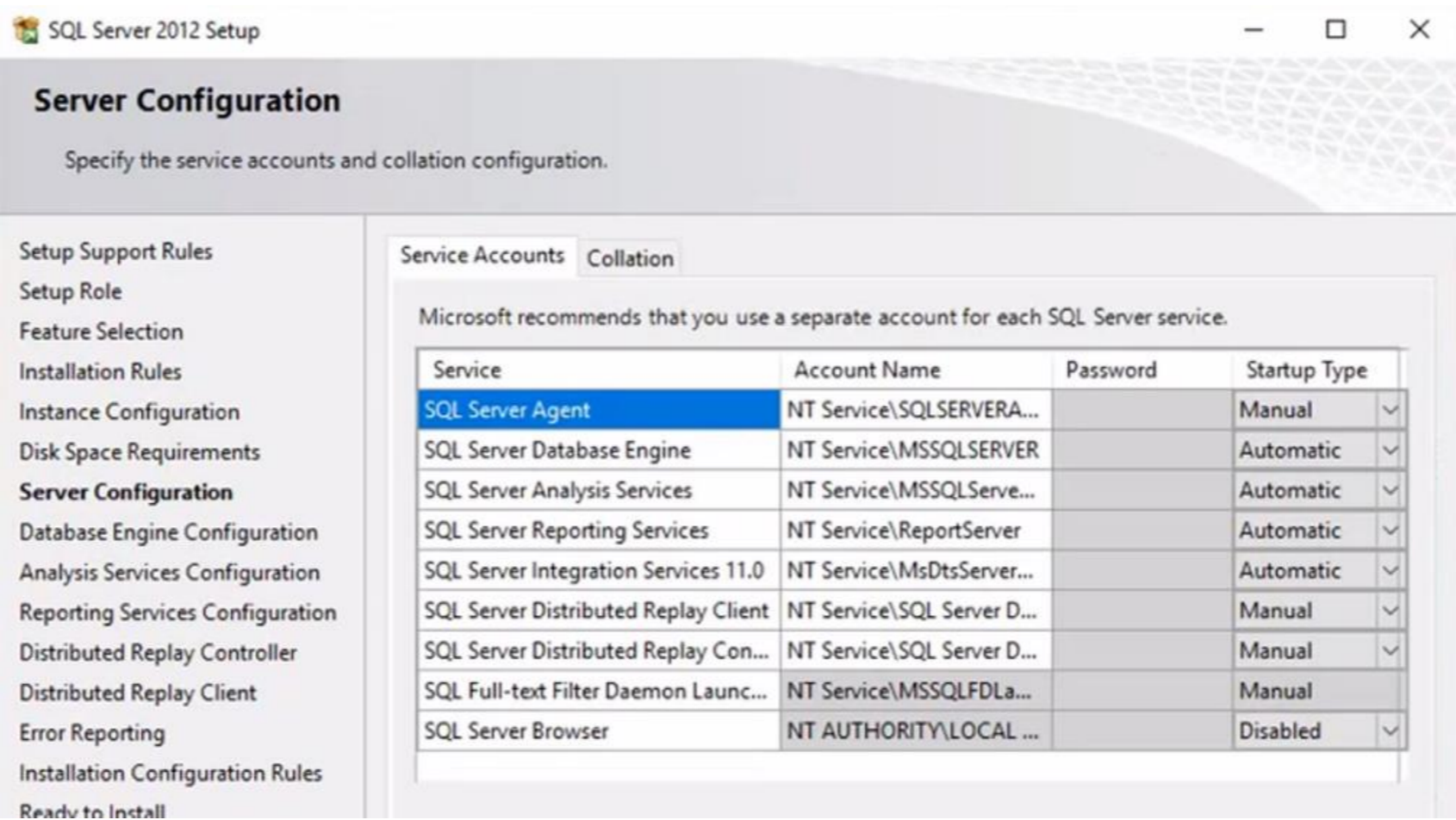## 8.Installation Rules

9.Instance Configuration

Comes with some instances, about 2.5G

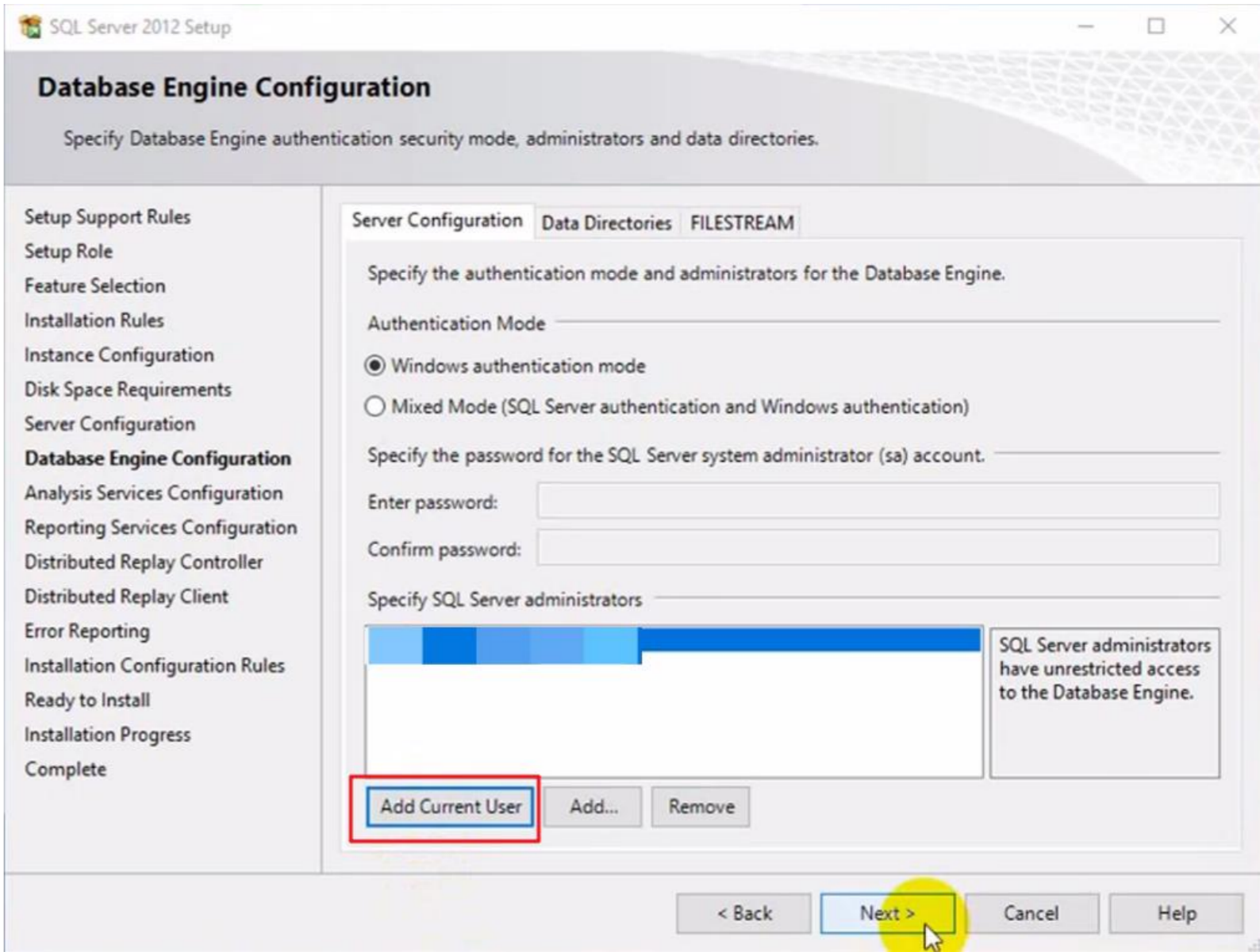Hikvision

SQL Server Installation
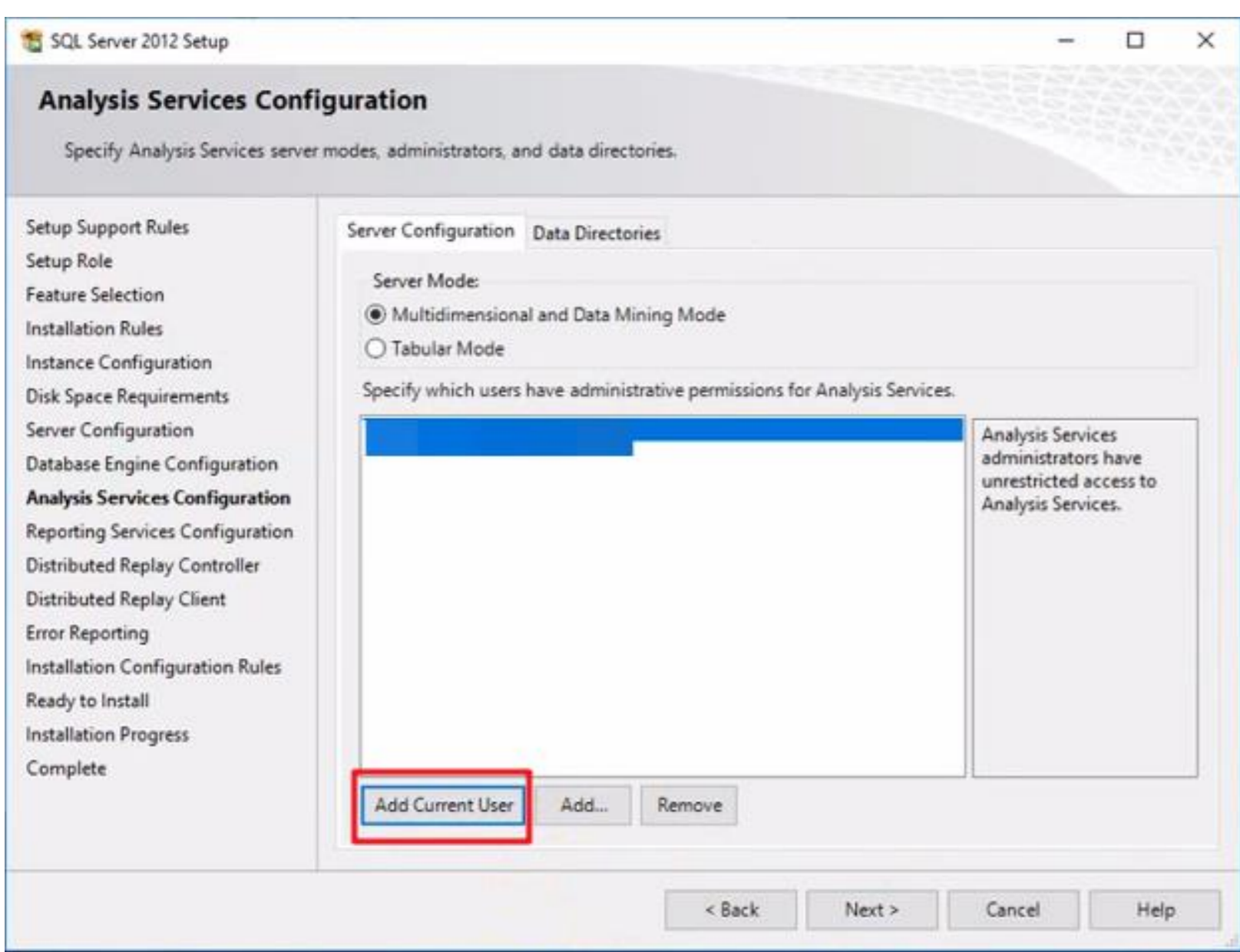
10.Disk Space Requirements

11.Server Configuration
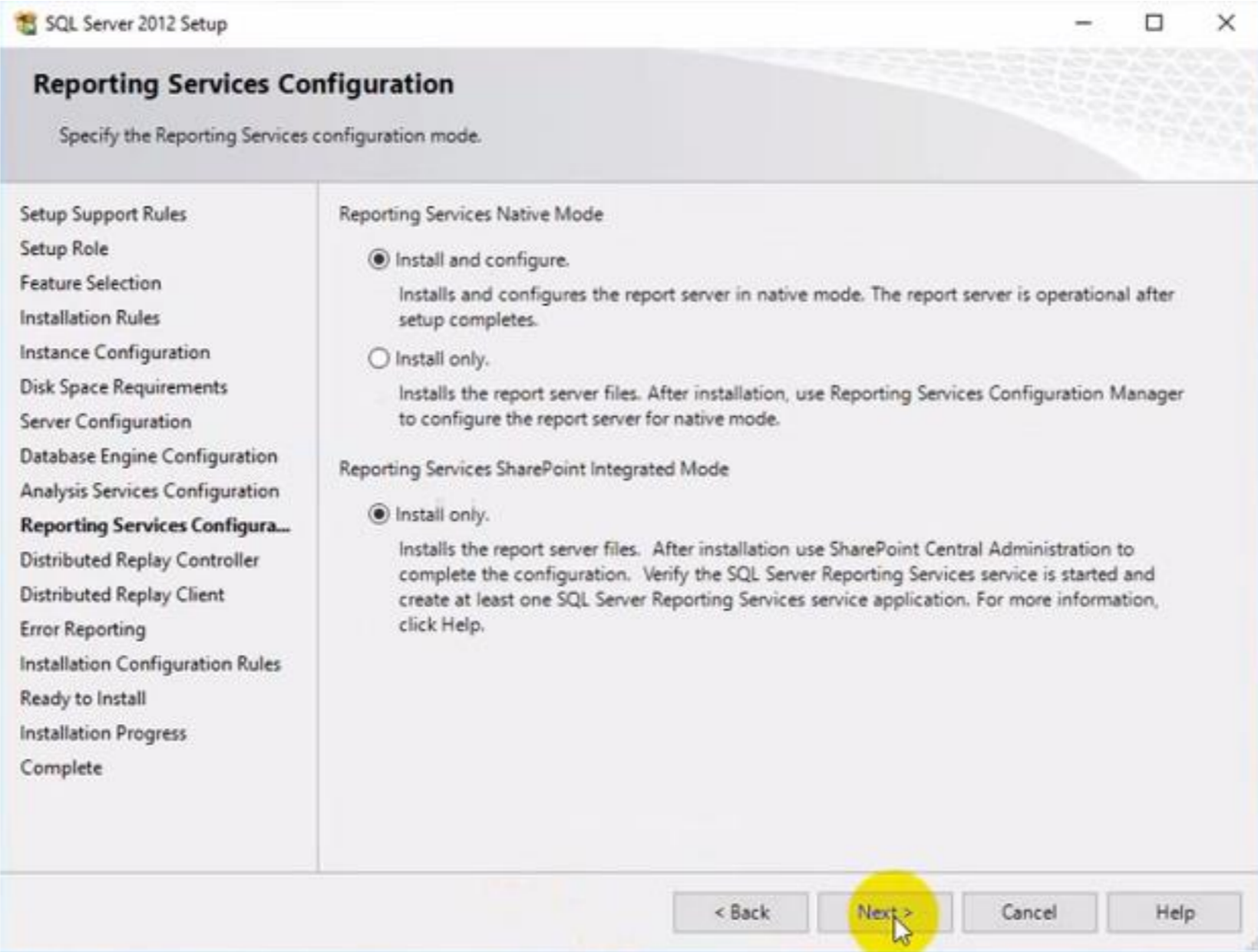

12. Database Engine Configuration

If use Windows authentication, you need to add users on your computer, generally select the current user.

Recommended to keep the default configuration

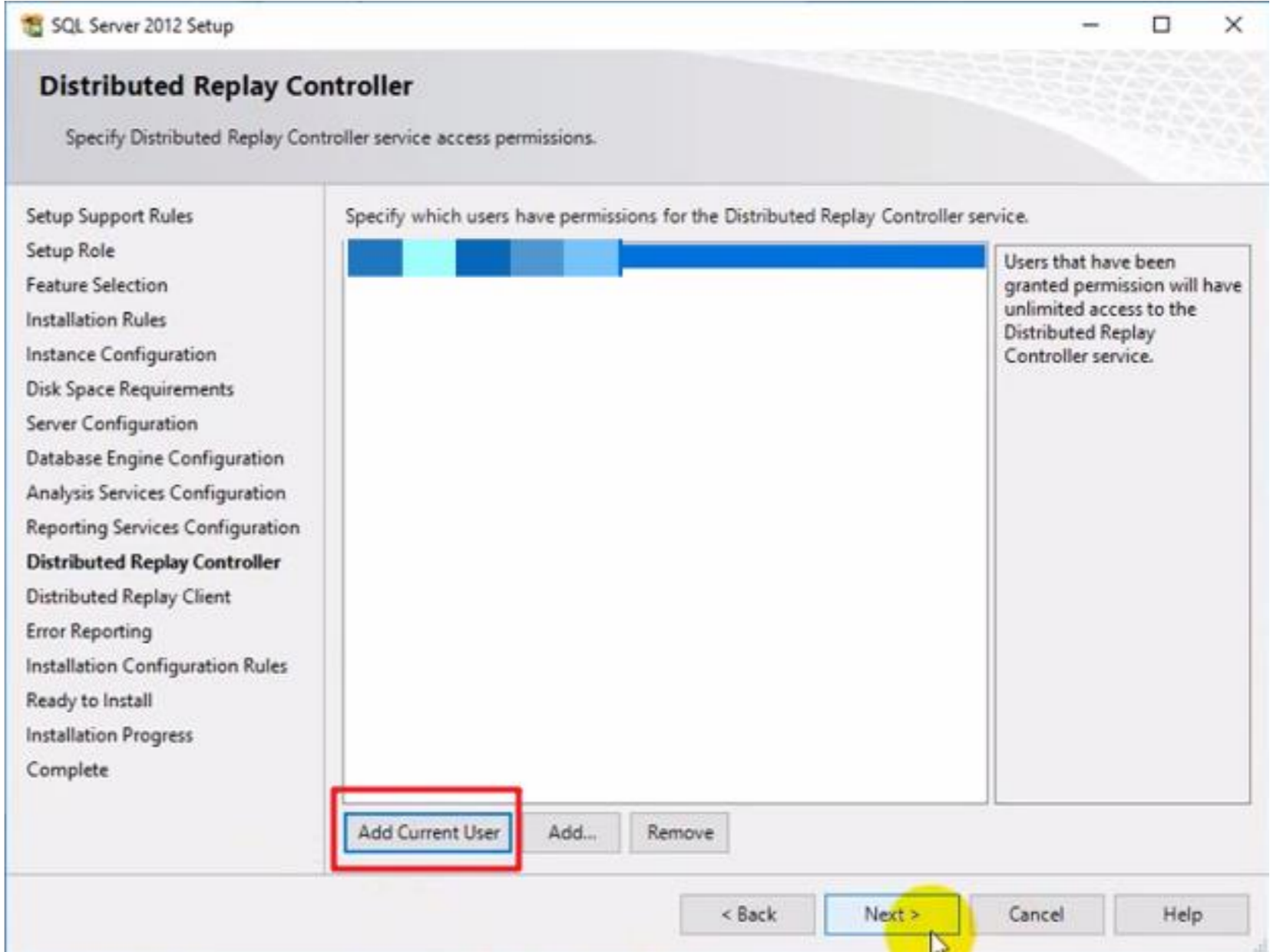Hikvision

SQL Server Installation

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13. Analysis Service Configuration
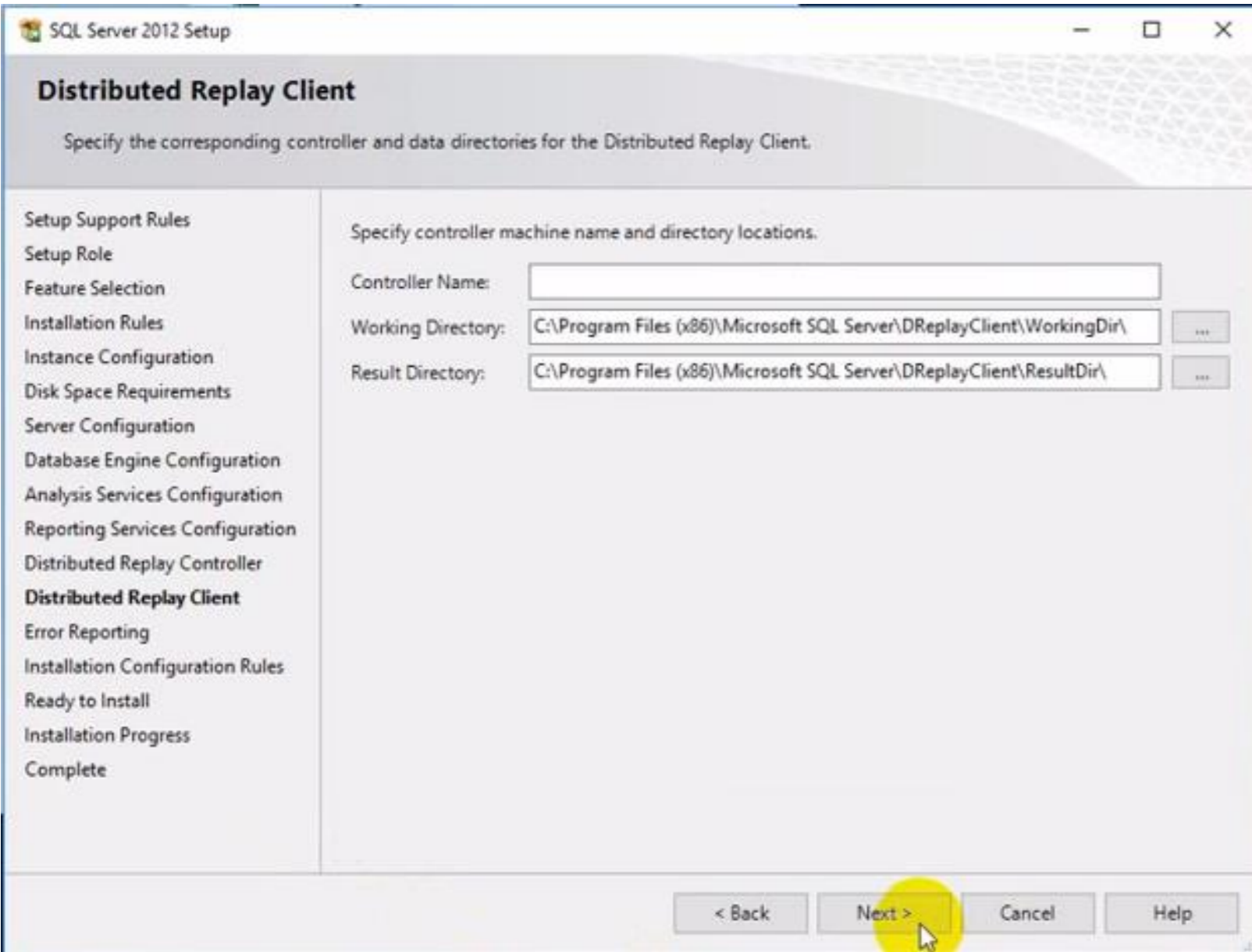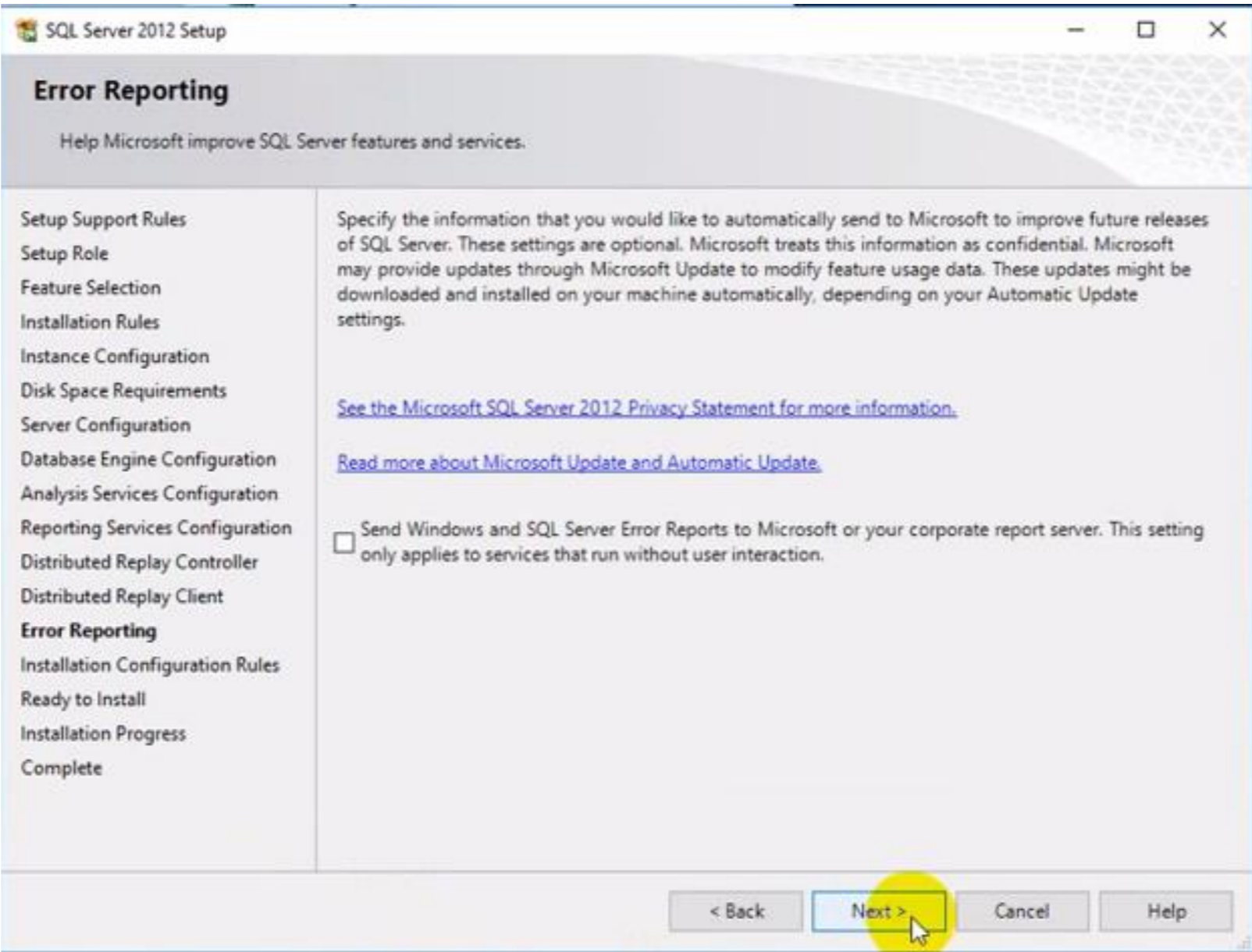
Add current user

14.Reporting Services Configuration

15. Distributed replay controller

Add current user
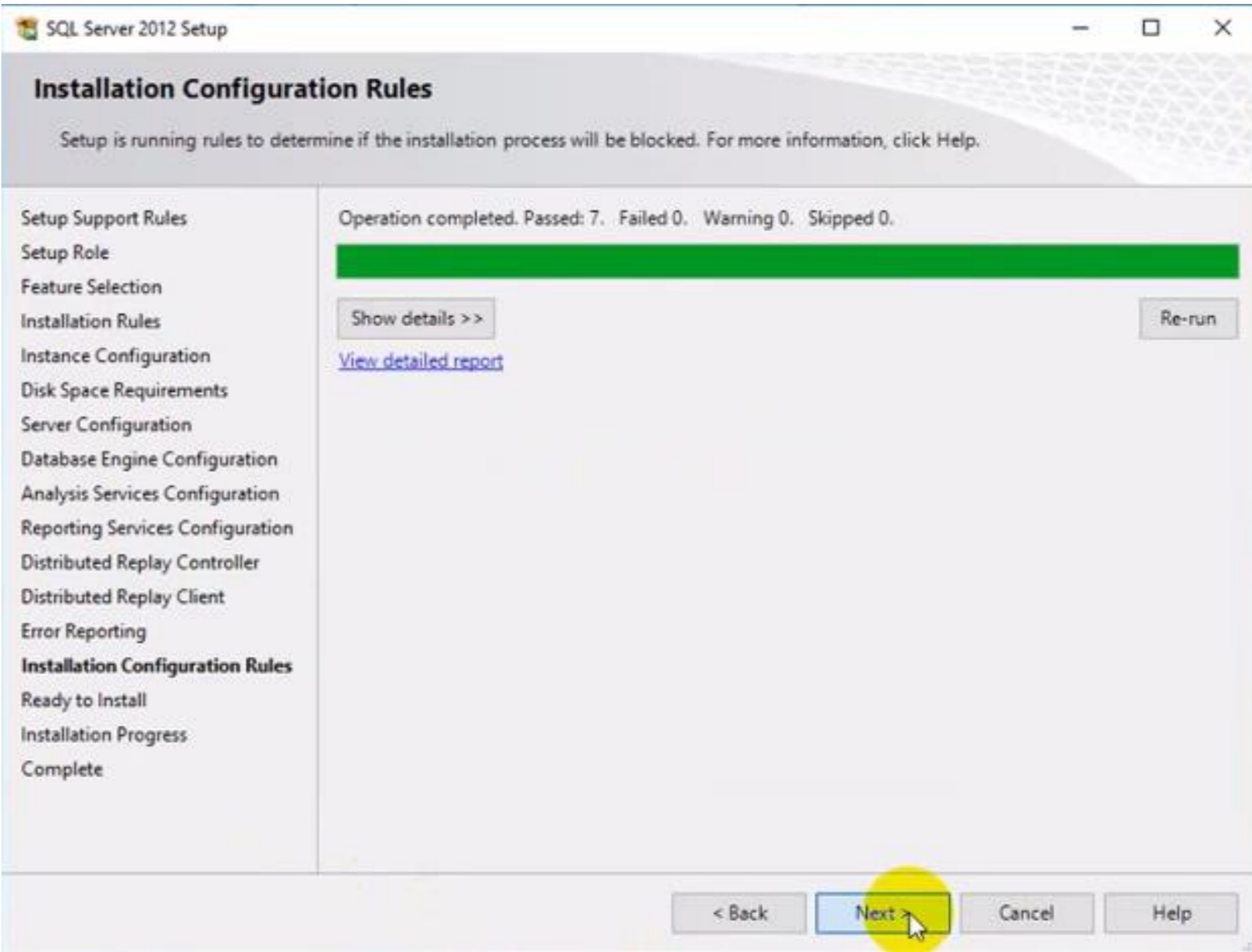
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SQL Server Installation

16. Distributed replay controller
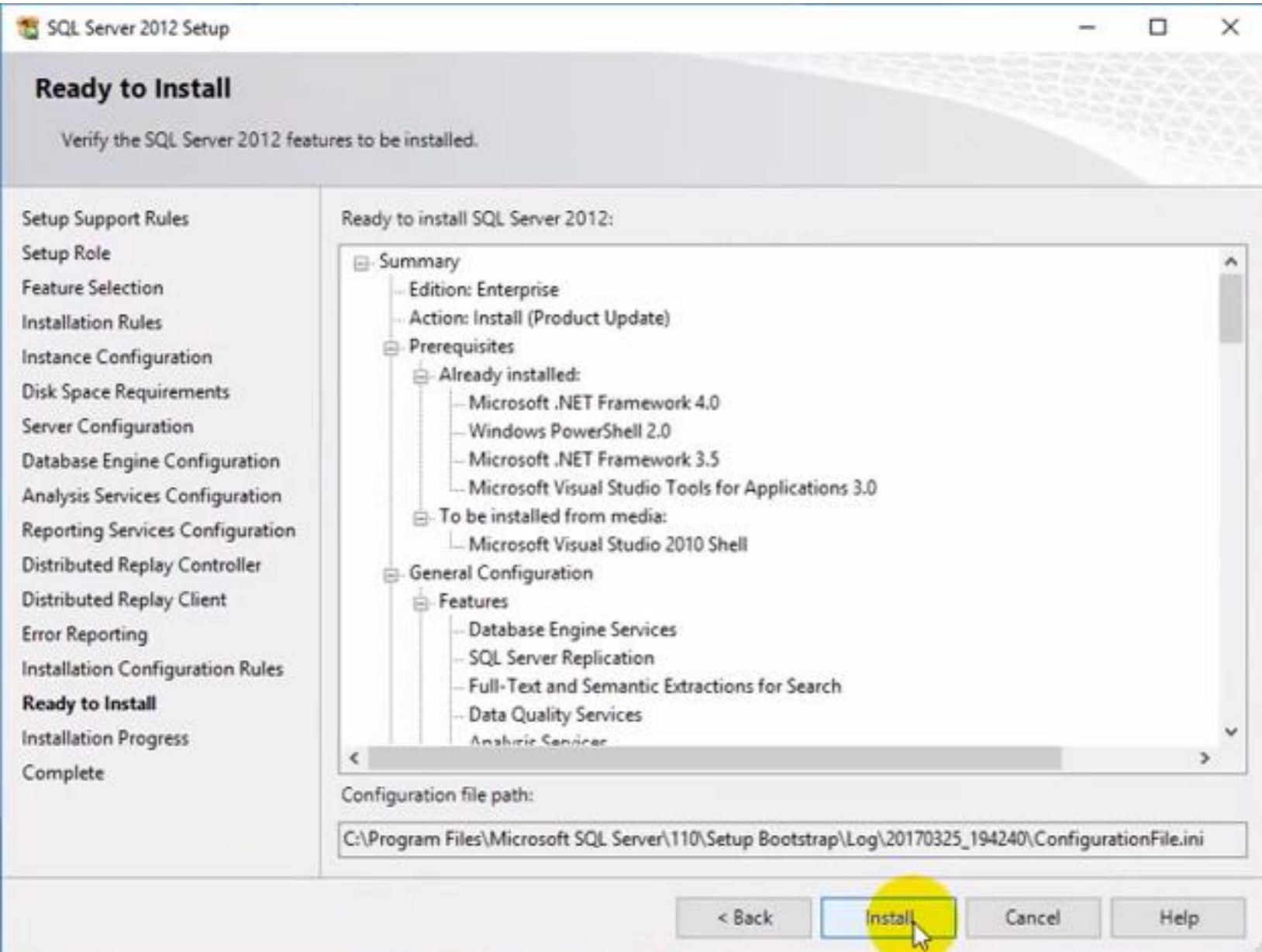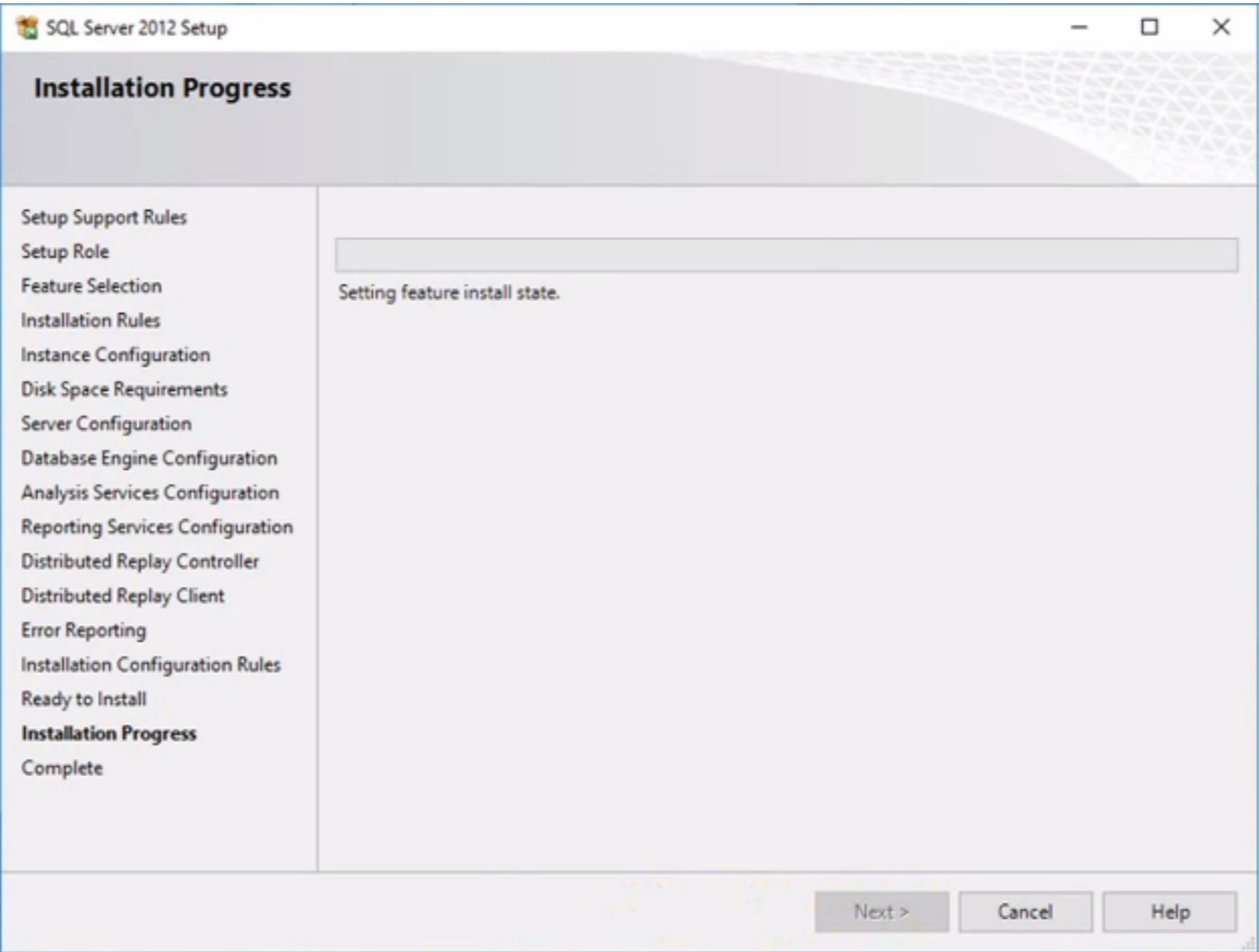
17.Error Reporting

Click Next

18.Installation Configuration Rules
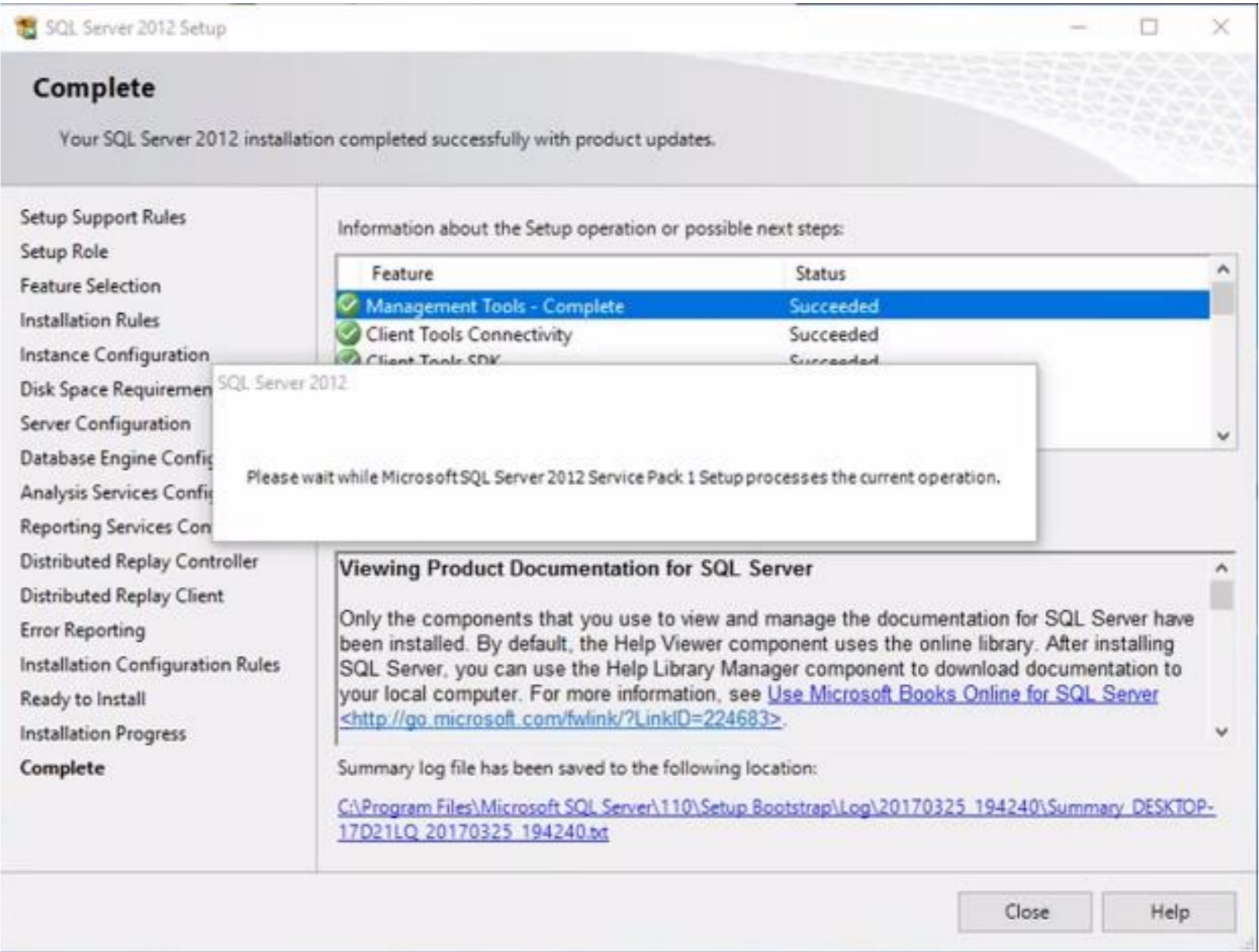
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SQL Server Installation

19.Ready to Install

20.Installation Progress

Start a long wait, it takes about 30-40 minutes

21.Complete

If the above interface appears, congratulations, the installation is successful.
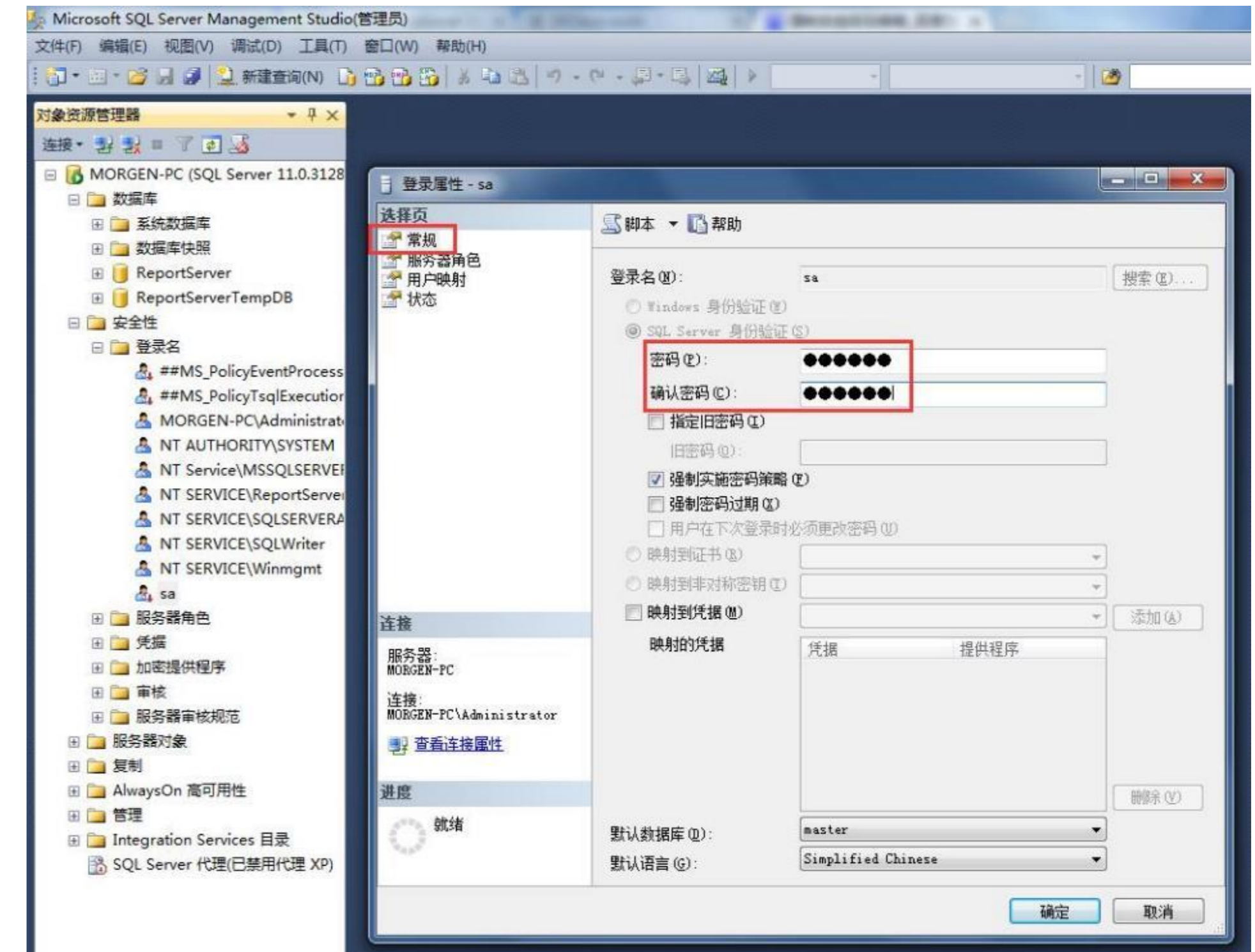
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SQL Server Configuration

Before connecting iVMS-4200 to the database, you need to make some settings for SQL Server before connection.

SQL Server Configuration
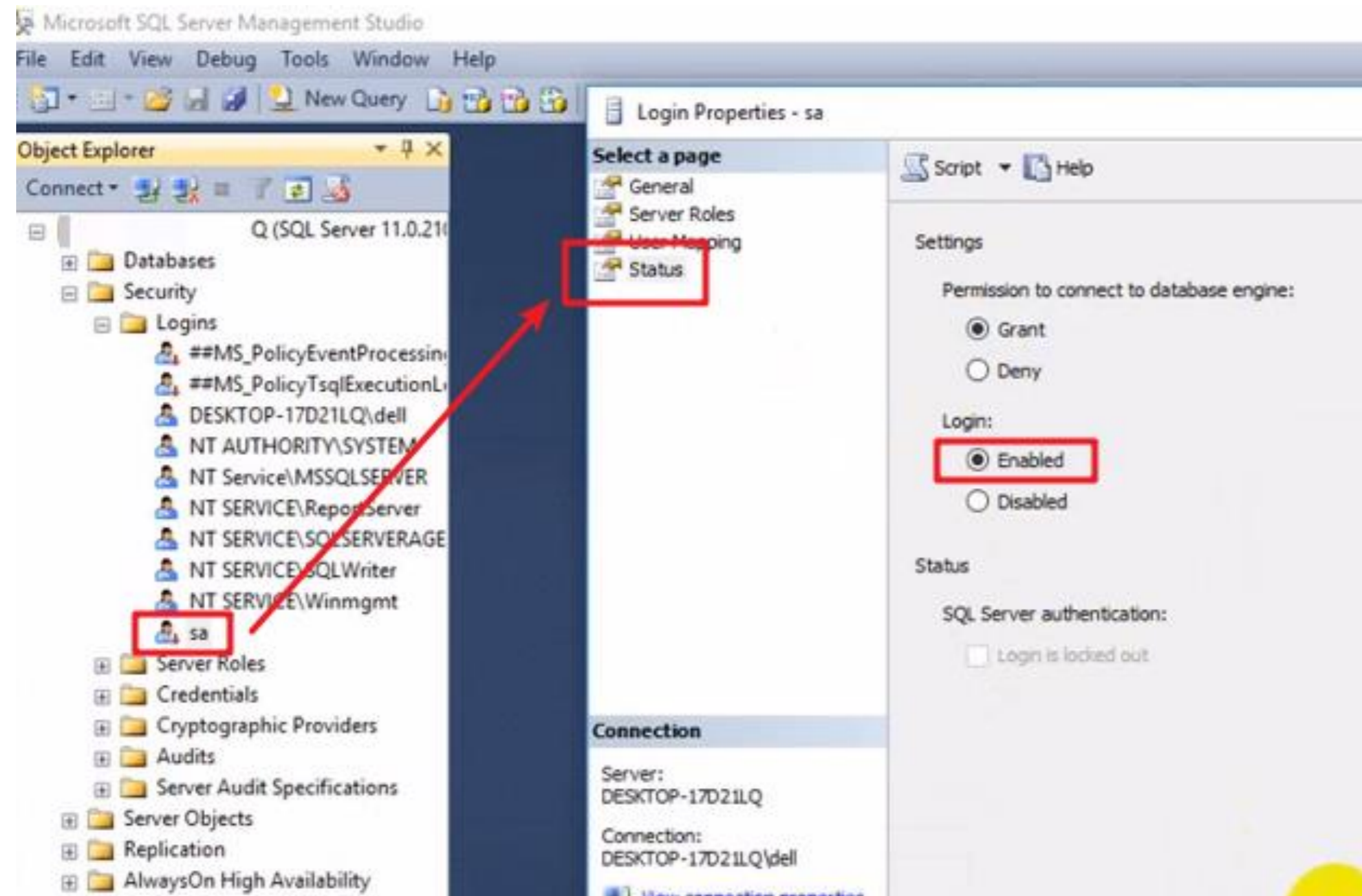
1.Set user password
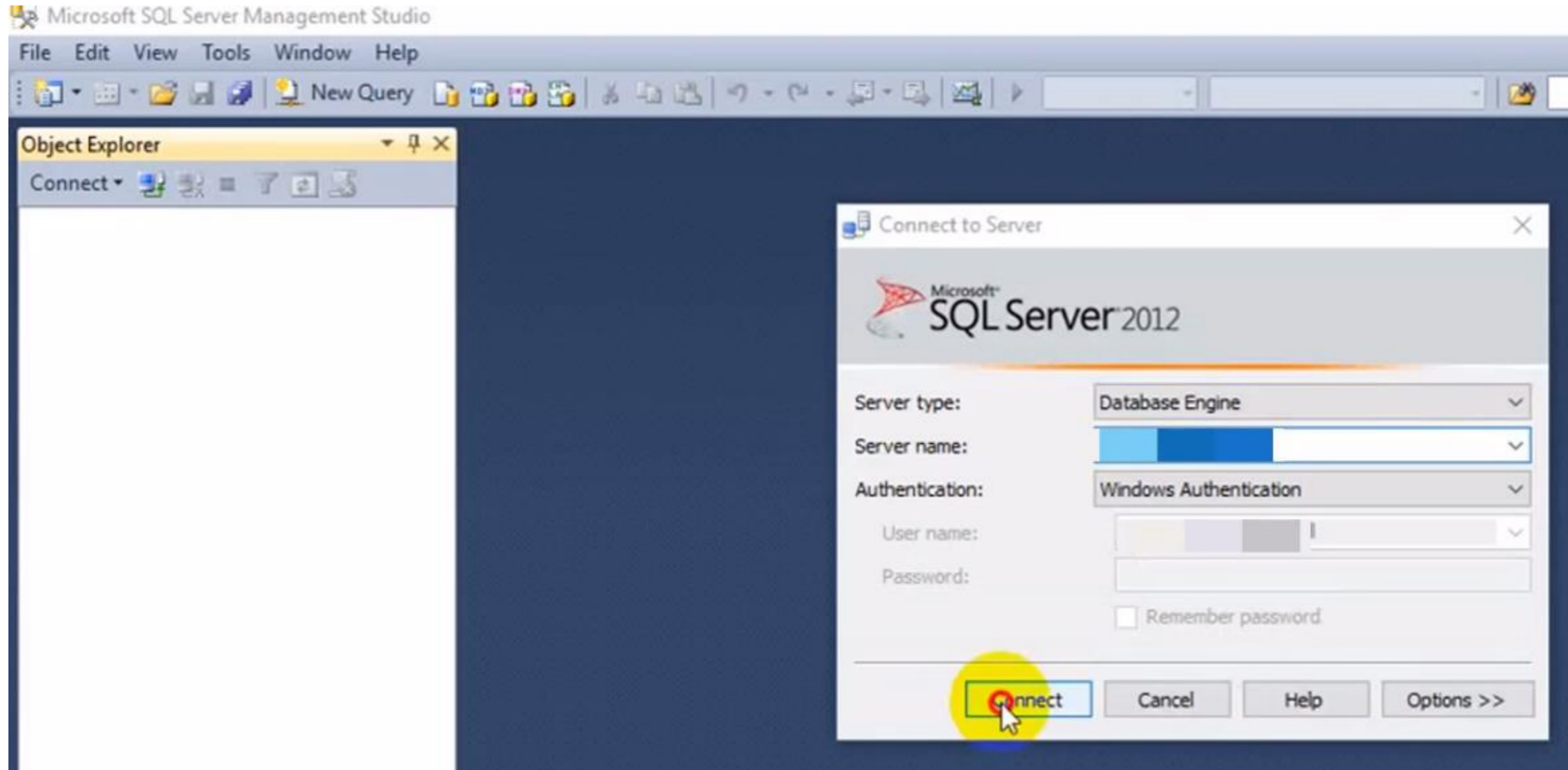
1. After the installation is complete, run SQL Server 2012, see the above interface, log in using Windows authentication;

2. Set the connection password for the user sa, please remember to use this password after connecting other software to the database.
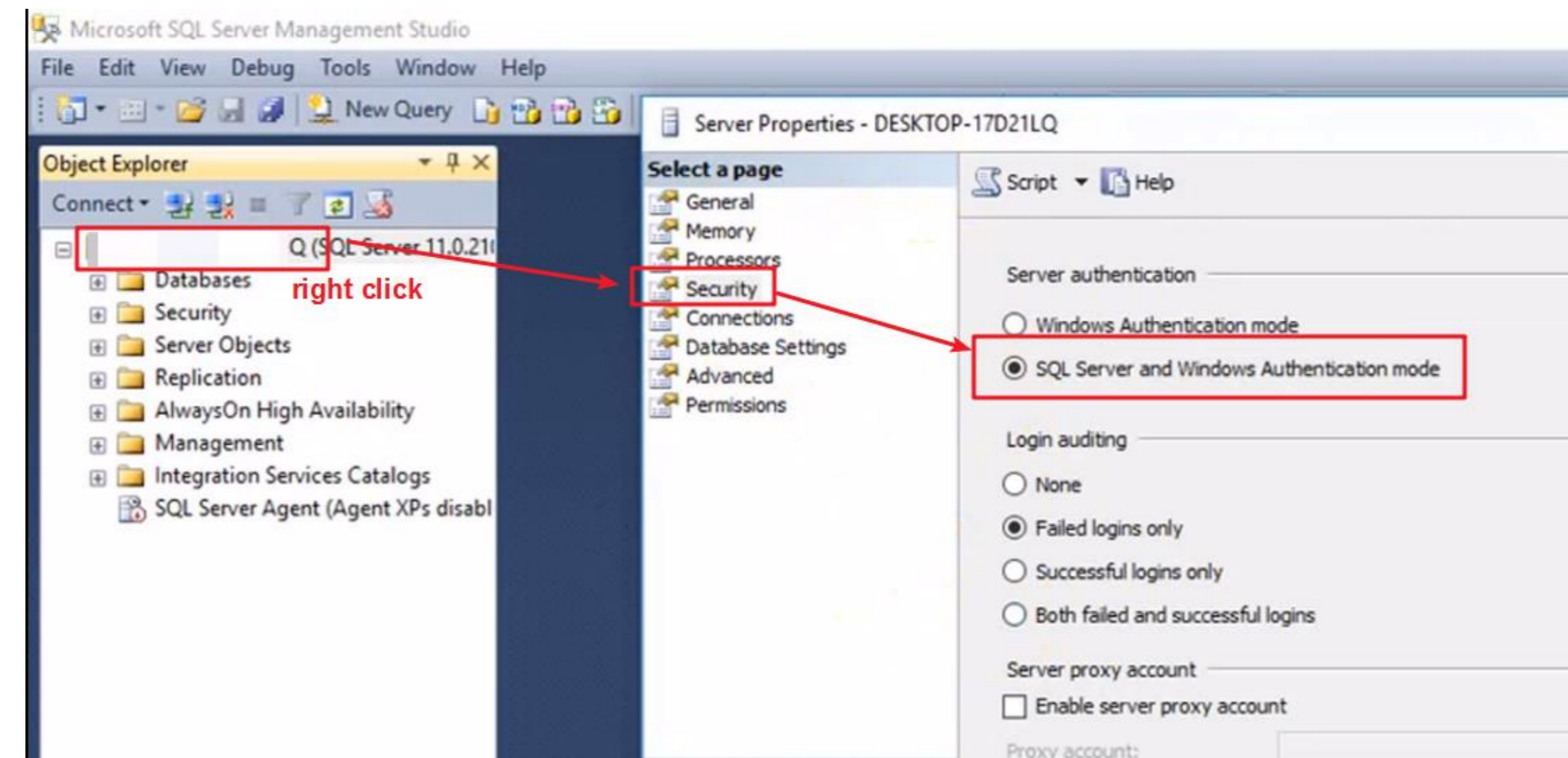
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SQL Server Configuration

2.Modify user permissions, authentication mode
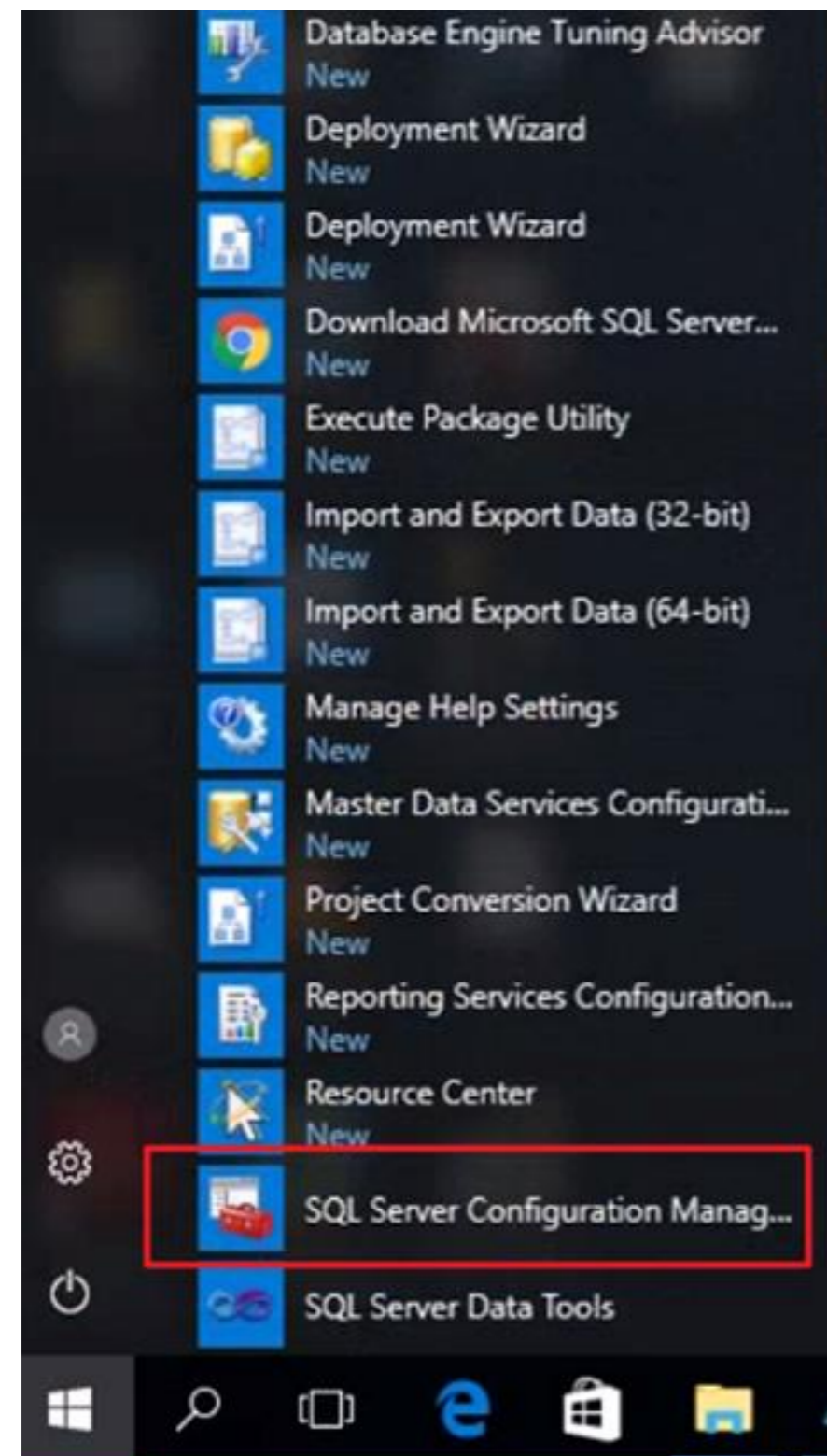

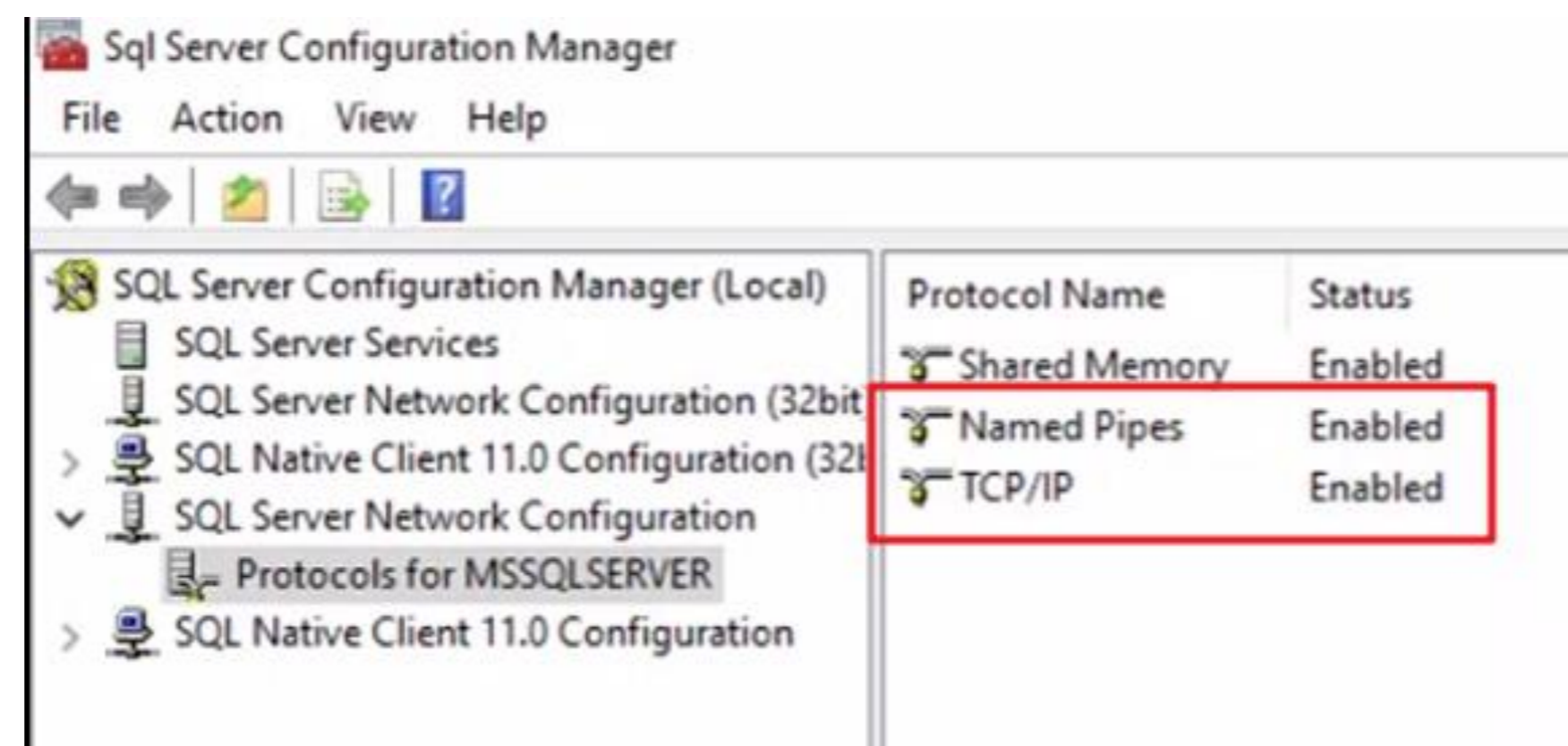3. Set user sa to "grant" and "enabled"

4. Modify the database authentication mode to SQL Server and Windows authentication mode

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SQL Server Configuration

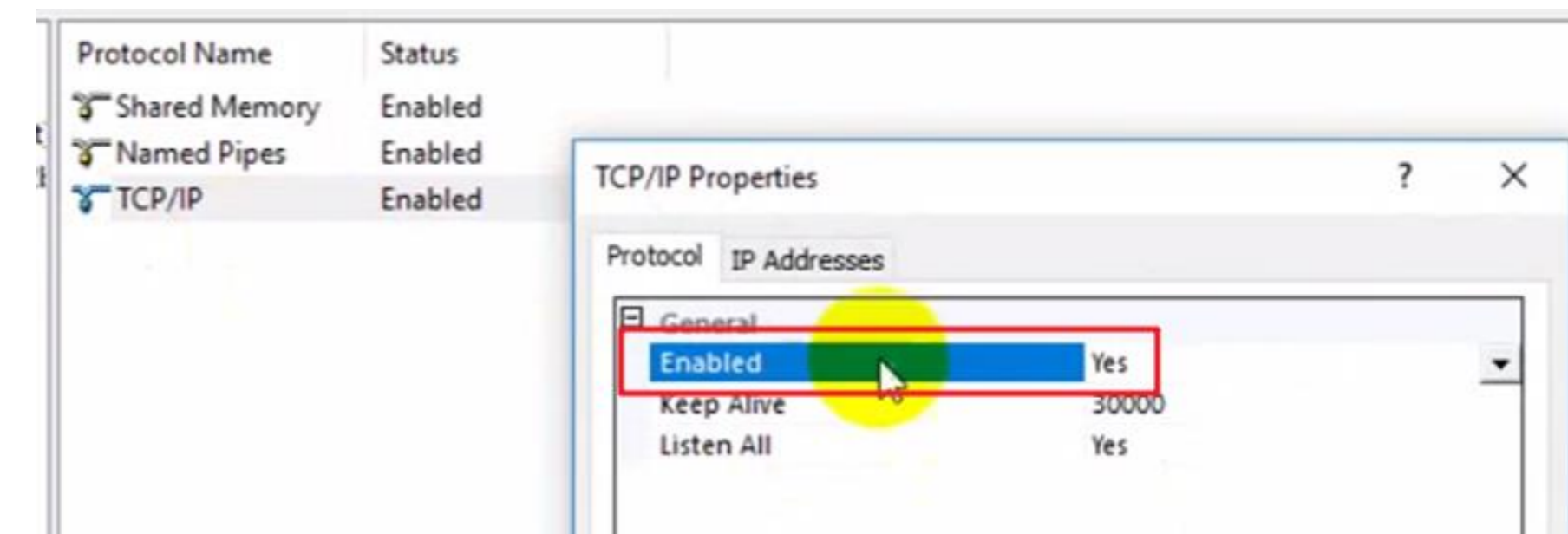## Enable Protocols

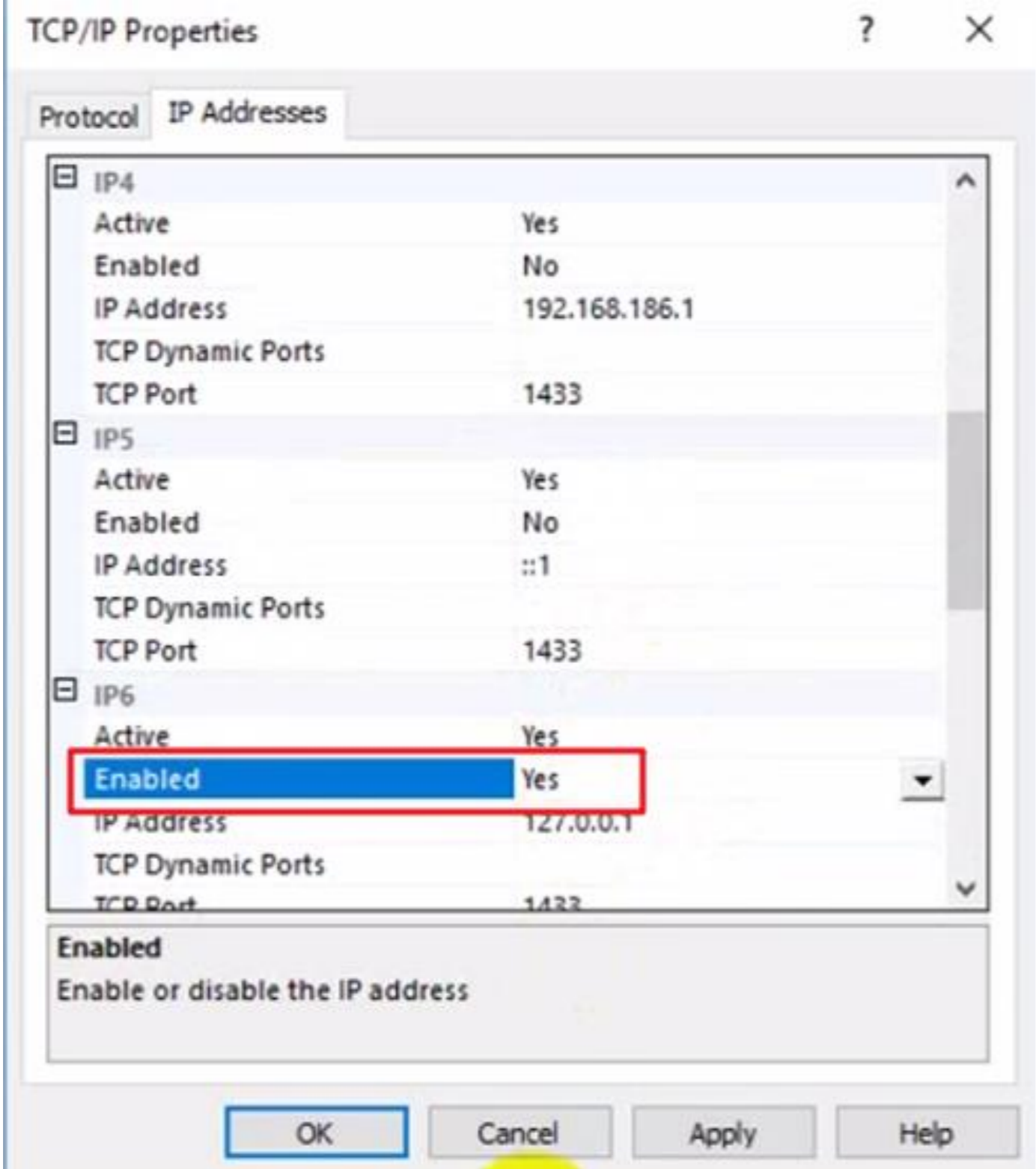5. Open SQL Server Configuration Manager

6. Right-click to enable Named Pipes and TCP/IP protocols respectively.

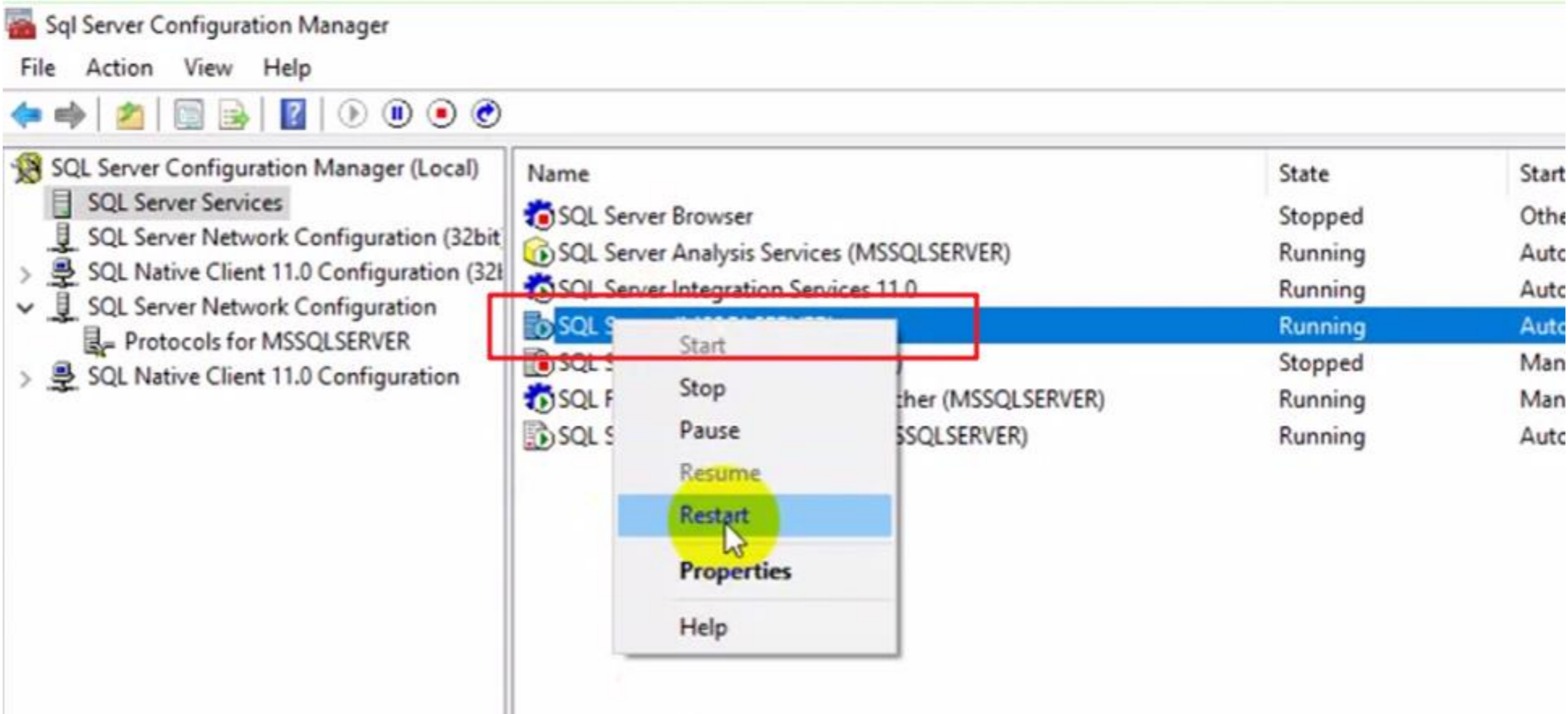7. Right click on the property and set it to Enabled

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SQL Server Configuration

Enable IP, restart service to take effect

9. **Restart SQL Server service** to make the changes take effect

8. Set the computer's IP setting to "Yes"

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Use sa account to test connection to database
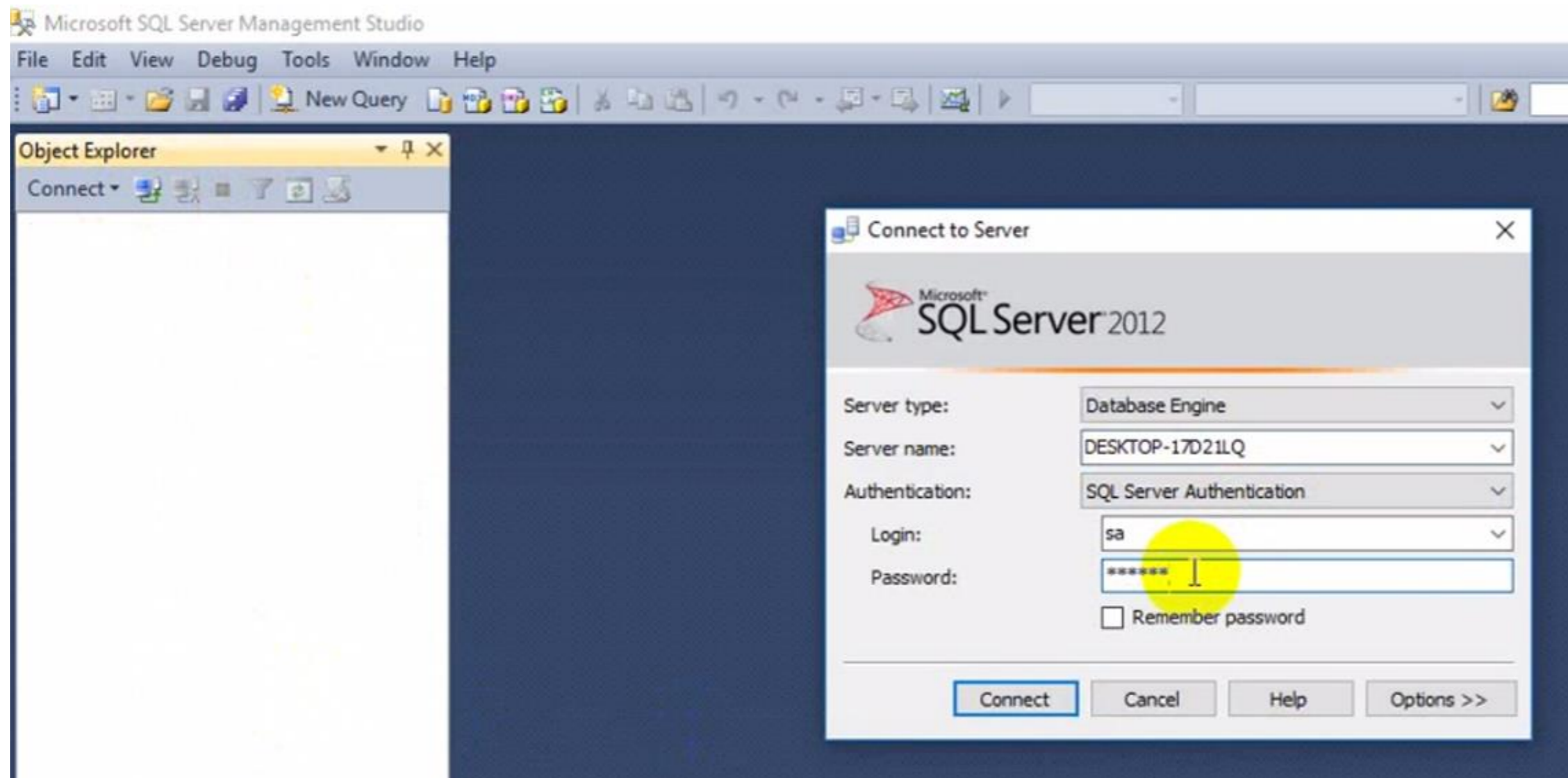
10. Reopen SQL Server 2012 and switch to SQL SERVER authentication;

Login name: sa

11.If you can connect SQL Server successfully in previous step, please follow another operation video to connect iVMS-4200 to SQL Server

Password: The password you set in step 2

If you can successfully log in, the previous changes have taken effect.

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SQL Server installation and configuration review

Restart the SQL Server service

Log in to the database using the sa account

Create a new database

Set user password

Modify the verification mode, enable the protocol

Fill in the database information in iVMS-4200

Connect to the database

Various settings before installation

SQL Server installer

Microsoft® SQL Server®2012