

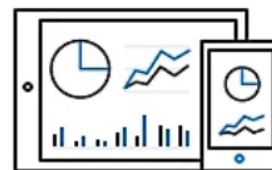
Hoặc tải xuống phiên bản chuyên biệt miễn phí



Developer

SQL Server 2022 Developer là phiên bản miễn phí với đầy đủ tính năng, được cấp phép để sử dụng làm cơ sở dữ liệu phát triển và thử nghiệm trong môi trường phi sản xuất.

[Tải xuống ngay](#)



Express

SQL Server 2022 Express là phiên bản SQL Server miễn phí, lý tưởng cho hoạt động phát triển và sản xuất cho các ứng dụng trên máy tính, web và máy chủ nhỏ.

[Tải xuống ngay](#)

Cài đặt phần mềm SQL Server 2022 phiên bản miễn phí đầy đủ tính năng, xong chọn Developer ấn tải xuống.

SQL Server 2022

Developer Edition

Select an installation type:

Basic

Select Basic installation type to install the SQL Server Database Engine feature with default configuration.

Custom

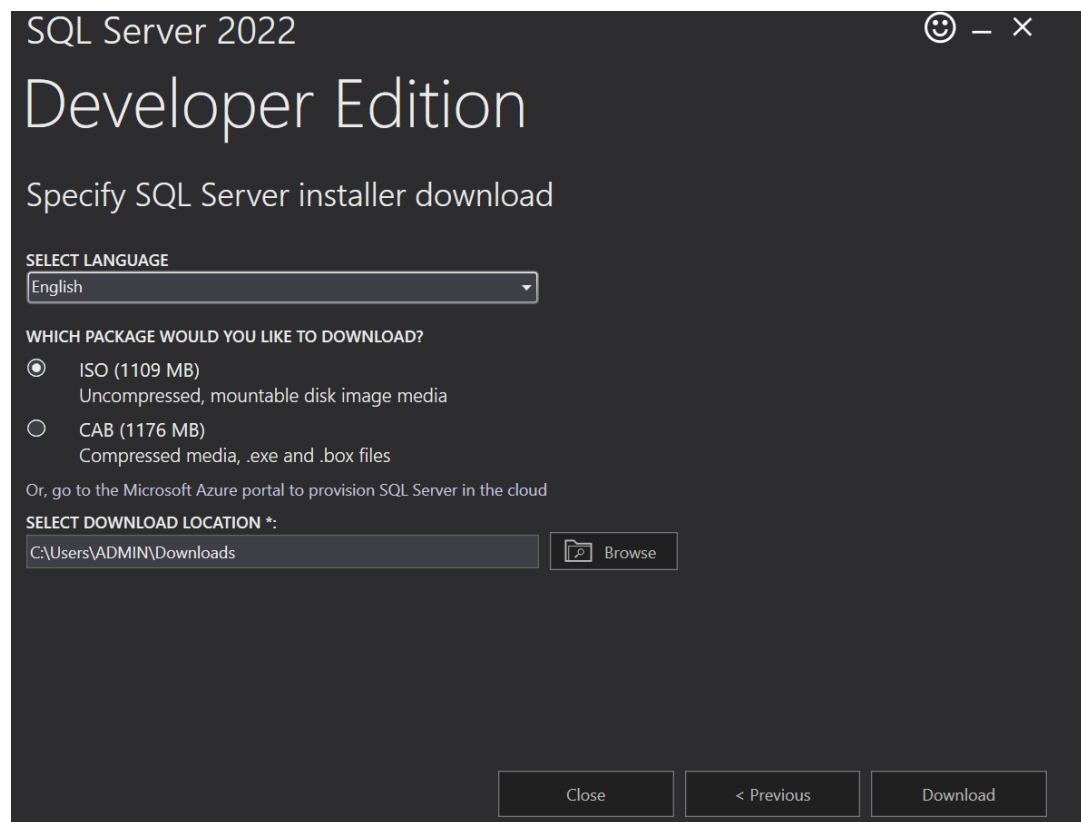
Select Custom installation type to step through the SQL Server installation wizard and choose what you want to install. This installation type is detailed and takes longer than running the Basic install.

Download Media

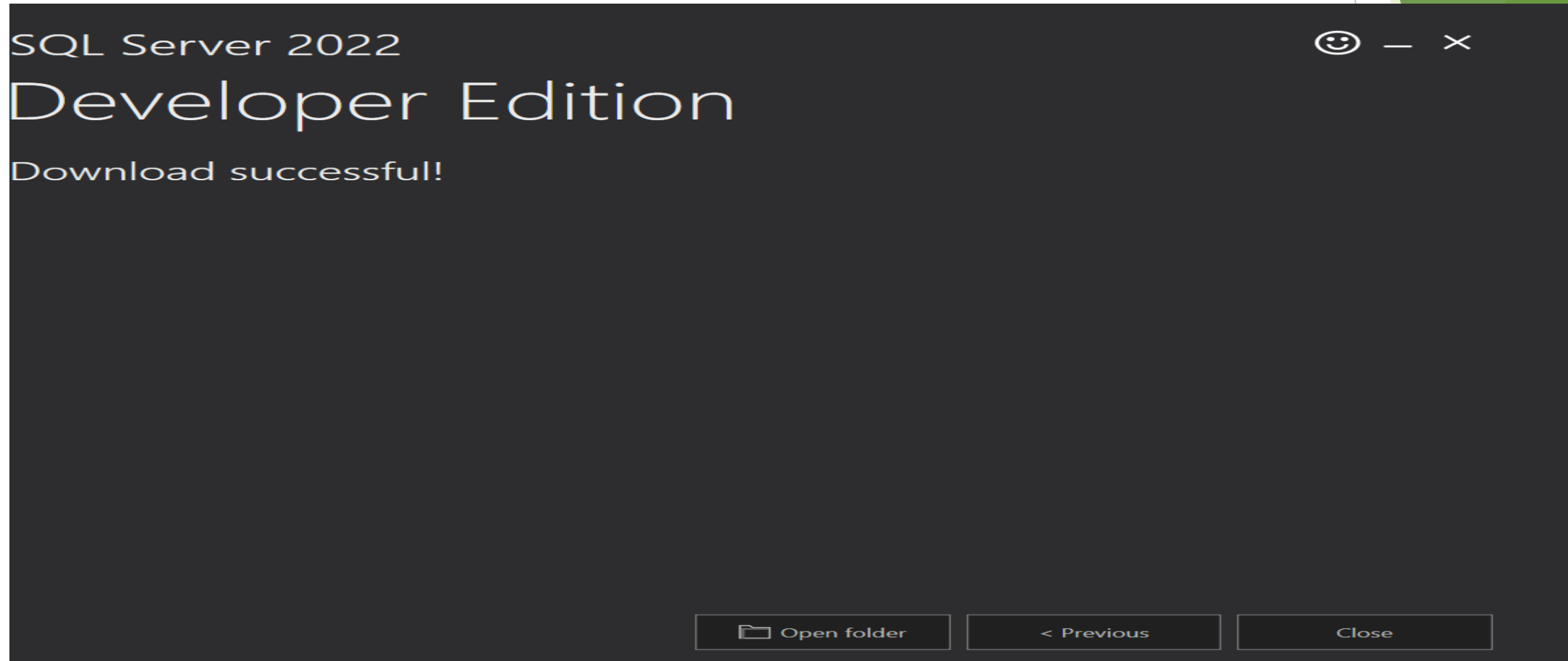
Download SQL Server setup files now and install them later on a machine of your choice.

Chọn DOWNLOAD MEDIA.

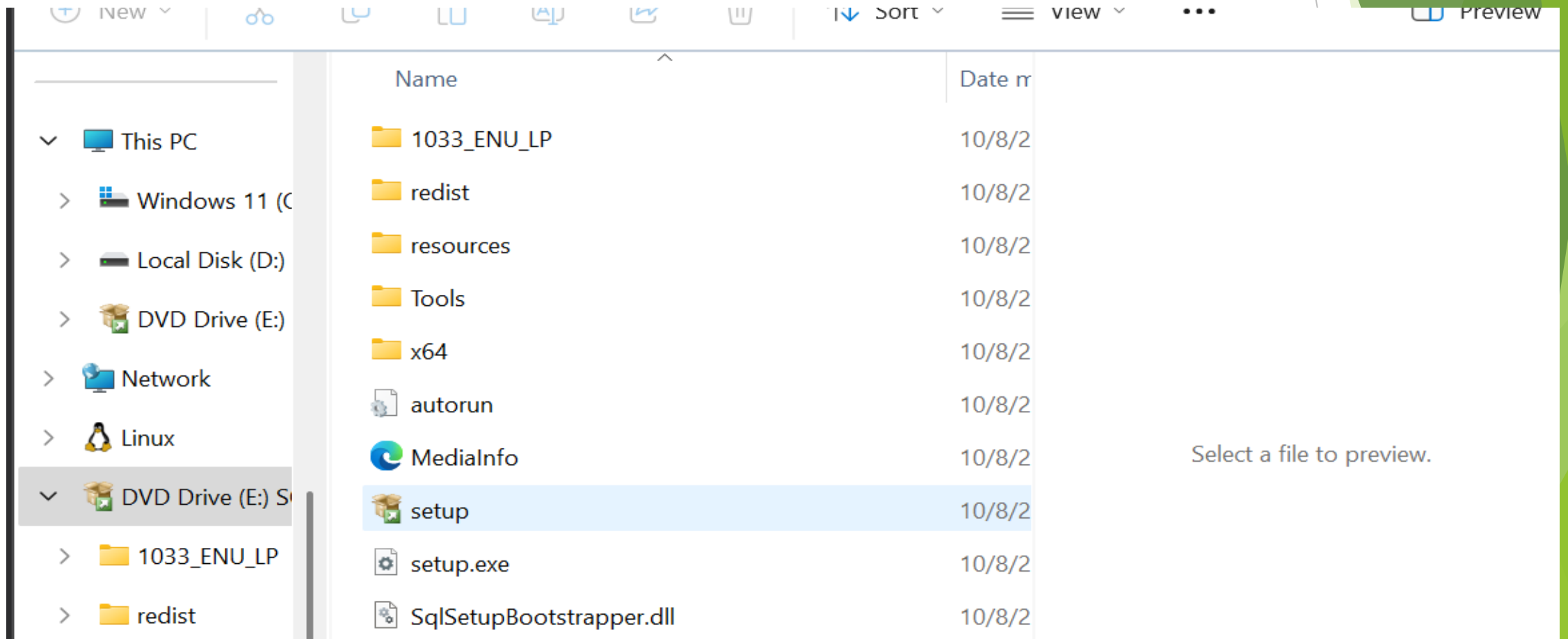
Ấn vào ISO để dowl phần ISO đấy xuống xong
ấn chữ dowl để tải xuống.



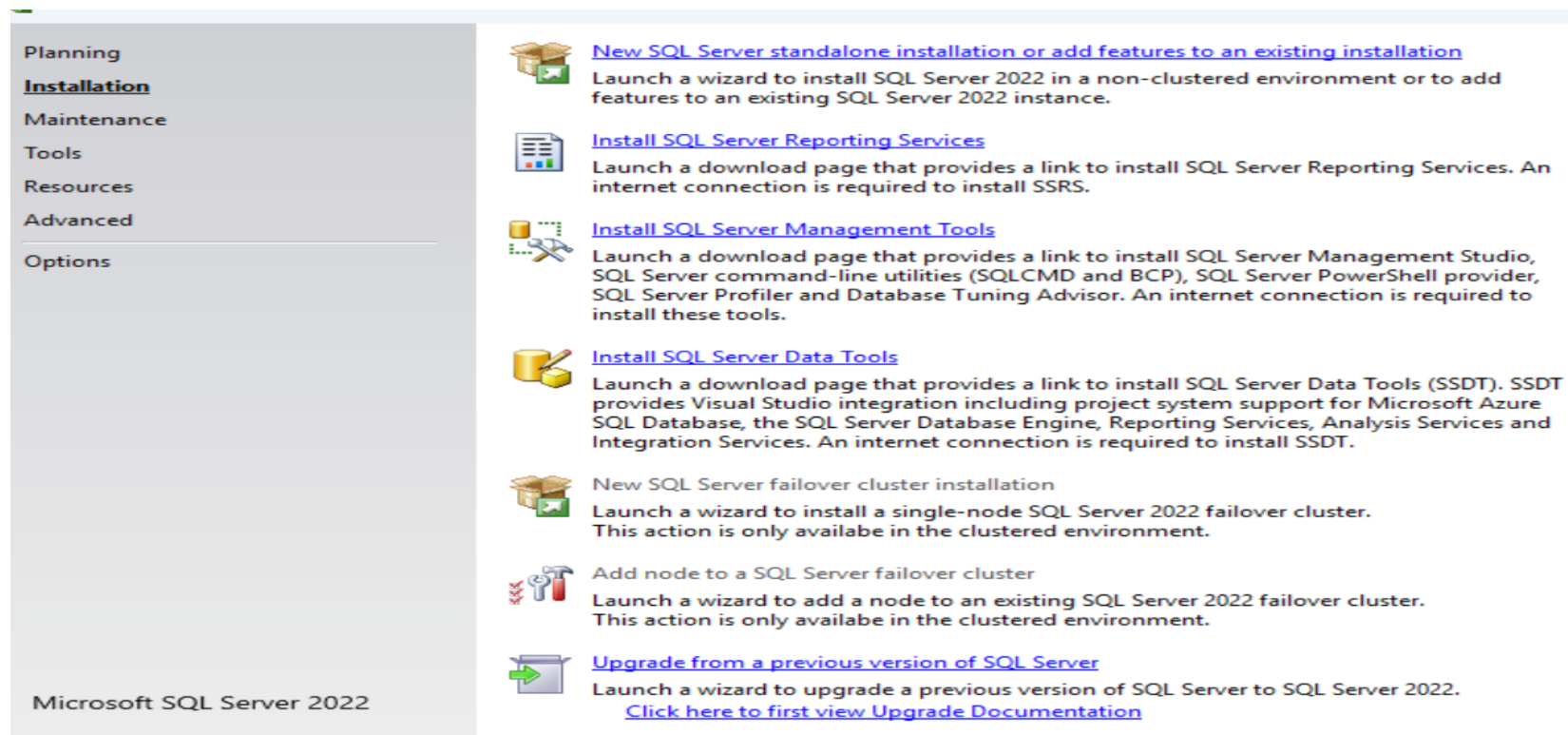
Chọn xong phần ISO xong ấn vào open folder.



Chọn vào phần tải xuống link . ISO ấn vào setup.



Ở ảnh này thì ấn vào installation rồi ấn vào New SQL Sever standalone installation or add features to an exiting installation thì đợi cho nó chạy như trên.



Ra ảnh này xong rồi chọn next.

Install Rules

Setup rules identify potential problems that might occur while running Setup. Failures must be corrected before Setup can continue.

Global Rules

Microsoft Update

Product Updates

Install Setup Files

Install Rules

Installation Type

Edition

License Terms

Azure Extension for SQL Server

Feature Selection

Feature Rules

Feature Configuration Rules

Ready to Install

Installation Progress

Complete

Operation completed. Passed: 4. Failed 0. Warning 1. Skipped 0.

Hide details <<Re-run

[View detailed report](#)

Result	Rule	Status
✓	Machine Learning Server shared feature support	Passed
✓	Consistency validation for SQL Server registry keys	Passed
✓	Computer domain controller	Passed
⚠	Windows Firewall	Warning
✓	Microsoft .NET Framework 4.7.2, or newer, is required	Passed

< Back

Next >

Cancel

Phần này thì nó có 2 lựa chọn thì có thể chọn 1 trong 2 cái , nhưng mà mình chọn perform a new installation of SQL Server 2022.

SQL Server 2022 Setup

Installation Type

Perform a new installation or add features to an existing instance of SQL Server 2022.

Global Rules

Microsoft Update

Product Updates

Install Setup Files

Install Rules

Installation Type

Edition

License Terms

Azure Extension for SQL Server

Feature Selection

Feature Rules

Feature Configuration Rules

Ready to Install

Installation Progress

Complete

☒ Perform a new installation of SQL Server 2022

Select this option if you want to install a new instance of SQL Server or want to install shared components.

☐ Add features to an existing instance of SQL Server 2022

MSSQLSERVER

Select this option if you want to add features to an existing instance of SQL Server. For example, you want to add the Analysis Services features to the instance that contains the Database Engine. Features within an instance must be the same edition.

Installed instances:

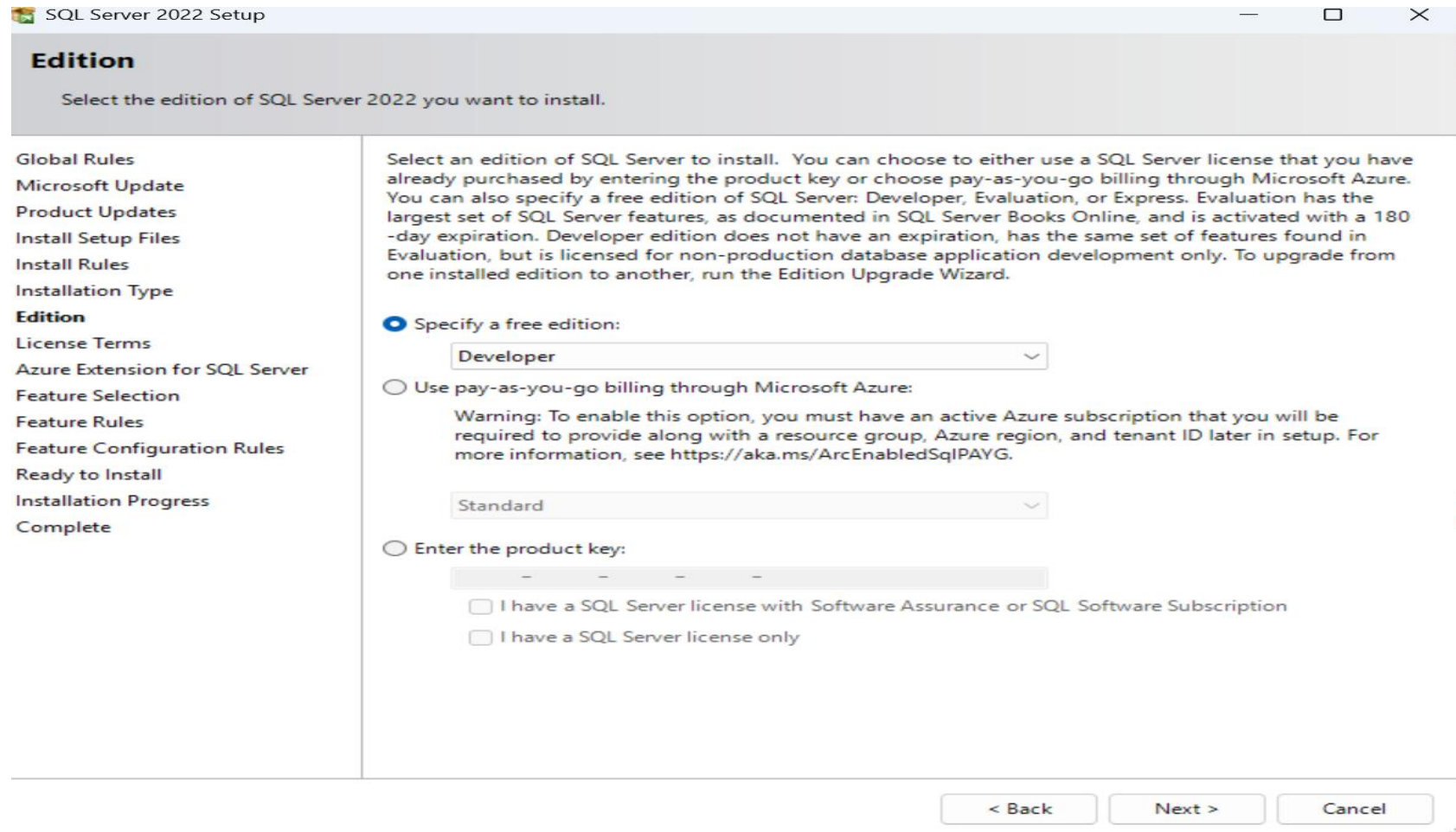
Instance Name	Instance ID	Features	Edition	Version
MSSQLSERVER	MSSQL16.MSSQLS...	SQLEngine,SQLEn...	Express	16.0.1000.6

< Back

Next >

Cancel

Ở đây thì mình chọn Developer phù hợp vì nó có đủ tính năng miễn phí ,và cho phép bạn thử nghiệm các chức năng cao của SQL Server ngoài ra trong đó



The screenshot shows the 'Edition' selection screen of the SQL Server 2022 Setup wizard. The window title is 'SQL Server 2022 Setup'. The main heading is 'Edition' with the instruction 'Select the edition of SQL Server 2022 you want to install.' A left-hand navigation pane lists various setup steps, with 'Edition' currently selected. The main content area provides instructions on selecting an edition and offers three options: 'Specify a free edition' (selected), 'Use pay-as-you-go billing through Microsoft Azure', and 'Enter the product key'. The 'Specify a free edition' option has a dropdown menu showing 'Developer'. The 'Use pay-as-you-go' option includes a warning about the need for an active Azure subscription and a dropdown menu showing 'Standard'. The 'Enter the product key' option includes a text input field and two checkboxes for license types. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

SQL Server 2022 Setup

Edition

Select the edition of SQL Server 2022 you want to install.

Global Rules
Microsoft Update
Product Updates
Install Setup Files
Install Rules
Installation Type
Edition
License Terms
Azure Extension for SQL Server
Feature Selection
Feature Rules
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Select an edition of SQL Server to install. You can choose to either use a SQL Server license that you have already purchased by entering the product key or choose pay-as-you-go billing through Microsoft Azure. You can also specify a free edition of SQL Server: Developer, Evaluation, or Express. Evaluation has the largest set of SQL Server features, as documented in SQL Server Books Online, and is activated with a 180 -day expiration. Developer edition does not have an expiration, has the same set of features found in Evaluation, but is licensed for non-production database application development only. To upgrade from one installed edition to another, run the Edition Upgrade Wizard.

☒ Specify a free edition:

Developer

☐ Use pay-as-you-go billing through Microsoft Azure:

Warning: To enable this option, you must have an active Azure subscription that you will be required to provide along with a resource group, Azure region, and tenant ID later in setup. For more information, see <https://aka.ms/ArcEnabledSqlPAYG>.

Standard

☐ Enter the product key:

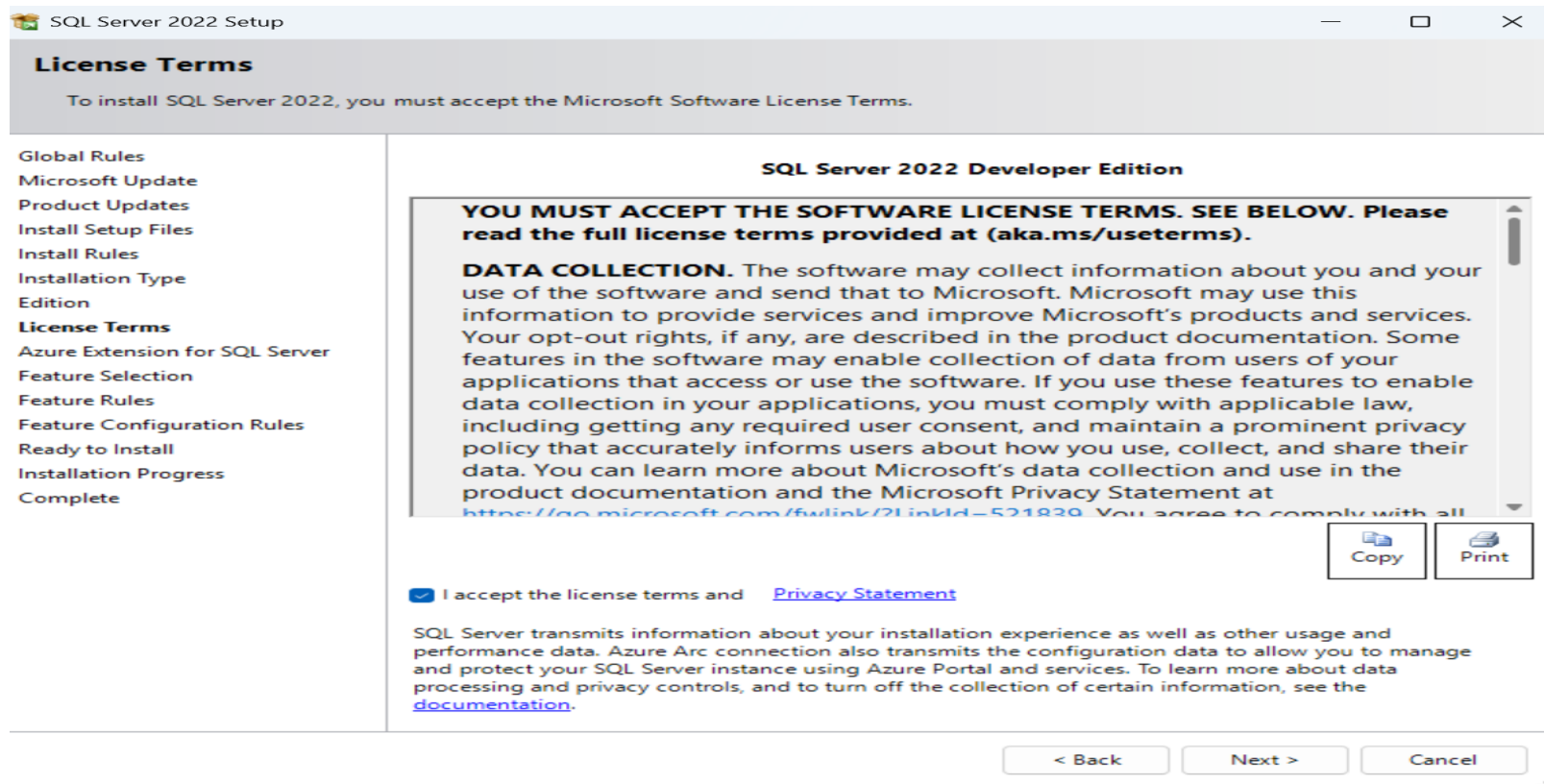
- - - -

☐ I have a SQL Server license with Software Assurance or SQL Software Subscription

☐ I have a SQL Server license only

< Back Next > Cancel

Chọn vào ô I accept the license terms and rồi ấn next



SQL Server 2022 Setup

Azure Extension for SQL Server

Azure Extension for SQL Server is required to enable Microsoft Defender for Cloud, Purview, and Azure Active Directory.

- Global Rules
- Microsoft Update
- Product Updates
- Install Setup Files
- Install Rules
- Installation Type
- Edition
- License Terms
- Azure Extension for SQL Serv...**
- Feature Selection
- Feature Rules
- Feature Configuration Rules
- Ready to Install
- Installation Progress
- Complete

☐ Azure Extension for SQL Server

☐ Use Azure Login

☒ Use Service Principal

Azure Service Principal ID*

Azure Service Principal Secret*

Azure Subscription ID*

Azure Resource Group*

Azure Region*

Azure Tenant ID*

Proxy Server URL (optional)

To install Azure extension for SQL Server, provide your Azure account or a service principal to authenticate the SQL Server instance to Azure. You also need to provide the Subscription ID, Resource Group, Region, and Tenant ID where this instance will be registered. For more information for each parameter, visit <https://aka.ms/arc-sql-server>.

< Back Next > Cancel

Chọn phần này thì bỏ tích ở chỗ Azure Extension for SQL Server xong ấn next

Ấn vào select all để nó hiển thị nên hết các ô ,xong rồi ấn next

SQL Server 2022 Setup

Feature Selection

Select the Developer features to install.

Global Rules

Microsoft Update

Product Updates

Install Setup Files

Install Rules

Installation Type

Edition

License Terms

Azure Extension for SQL Server

Feature Selection

Feature Rules

Instance Configuration

Server Configuration

Database Engine Configuration

Analysis Services Configuration

Integration Services Scale Out ...

Integration Services Scale Out ...

Feature Configuration Rules

Ready to Install

Installation Progress

Complete

Looking for Reporting Services? [Download it from the web](#)

Features:

Instance Features

- ☒ Database Engine Services
 - ☒ SQL Server Replication
 - ☐ Machine Learning Services and Language Ext
 - ☒ Full-Text and Semantic Extractions for Search
 - ☒ Data Quality Services
 - ☐ PolyBase Query Service for External Data
- ☒ Analysis Services

Shared Features

- ☐ Data Quality Client
- ☒ Integration Services
 - ☒ Scale Out Master
 - ☒ Scale Out Worker
- ☐ Master Data Services

Redistributable Features

Feature description:

The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances. SQL Server instances can operate side-by-side on the same computer.

Prerequisites for selected features:

Already installed:

- Windows PowerShell 3.0 or higher
- Microsoft Visual C++ 2017 Redistributable
- Microsoft Visual Studio Tools for Application

Disk Space Requirements

Drive C: 2145 MB required, 106282 MB available

Select All Unselect All

Instance root directory: C:\Program Files\Microsoft SQL Server\

Shared feature directory: C:\Program Files\Microsoft SQL Server\

Shared feature directory (x86): C:\Program Files (x86)\Microsoft SQL Server\

< Back Next > Cancel

Chọn vào Default instance hoặc named instance nhưng em chọn Named instance xong đó em ấn Next

Instance Configuration

Specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path.

Global Rules

Microsoft Update

Product Updates

Install Setup Files

Install Rules

Installation Type

Edition

License Terms

Azure Extension for SQL Server

Feature Selection

Feature Rules

Instance Configuration

Server Configuration

Database Engine Configuration

Analysis Services Configuration

Integration Services Scale Out ...

Integration Services Scale Out ...

Feature Configuration Rules

Ready to Install

Installation Progress

Complete

☒ Default instance

☐ Named instance: *

Instance ID:

SQL Server directory:

C:\Program Files\Microsoft SQL Server\MSSQL16.MSSQLSERVER

Analysis Services directory:

C:\Program Files\Microsoft SQL Server\MSAS16.MSSQLSERVER

Installed instances:

Instance Name	Instance ID	Features	Edition	Version
MSSQLSERVER	MSSQL16.MSSQLS...	SQLEngine, SQLEn...	Express	16.0.1000.6

< Back

Next >

Cancel

Ở phần này có 2 sự lựa chọn ,chọn Default instance :để đặt tên mặc định ,còn Named instance để đặt tên xong đó ấn next

Instance Configuration

Specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path.

Global Rules

Microsoft Update

Product Updates

Install Setup Files

Install Rules

Installation Type

Edition

License Terms

Azure Extension for SQL Server

Feature Selection

Feature Rules

Instance Configuration

Server Configuration

Database Engine Configuration

Analysis Services Configuration

Integration Services Scale Out ...

Integration Services Scale Out ...

Feature Configuration Rules

Ready to Install

Installation Progress

Complete

Default instance

Named instance: *

TRAmy

Instance ID:

TRAMY

SQL Server directory:

C:\Program Files\Microsoft SQL Server\MSSQL16.TRAMY

Analysis Services directory:

C:\Program Files\Microsoft SQL Server\MSAS16.TRAMY

Installed instances:

Instance Name	Instance ID	Features	Edition	Version
MSSQLSERVER	MSSQL16.MSSQLS...	SQLEngine,SQLEn...	Express	16.0.1000.6

< Back

Next >

Cancel

Sau ấn next xong đợi 1 lúc

Specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path.

Global Rules

Microsoft Update

Product Updates

Install Setup Files

Install Rules

Installation Type

Edition

License Terms

Azure Extension for SQL Server

Feature Selection

Feature Rules

Instance Configuration

Server Configuration

Database Engine Configuration

Analysis Services Configuration

Integration Services Scale Out ...

Integration Services Scale Out ...

Feature Configuration Rules

Ready to Install

Installation Progress

Complete

☐ Default instance

☒ Named instance: *

TRAmy

Instance ID:

TRAMY

SQL Server directory:

C:\Program Files\Microsoft SQL Server\MSSQL16.TRAMY

Analysis Services directory:

C:\Program Files\Microsoft SQL Server\MSAS16.TRAMY

Installed instances:

Please Wait...

Instance Name	Instance ID	Features	Edition	Version
MSSQLSERVER	MSSQL16.MSSQLS...	SQLEngine,SQLEn...	Express	16.0.1000.6

Xong rồi phần này mình lại ấn next tiếp

SQL Server 2022 Setup

Server Configuration

Specify the service accounts and collation configuration.

Global Rules

Microsoft Update

Product Updates

Install Setup Files

Install Rules

Installation Type

Edition

License Terms

Azure Extension for SQL Server

Feature Selection

Feature Rules

Instance Configuration

Server Configuration

Database Engine Configuration

Analysis Services Configuration

Integration Services Scale Out ...

Integration Services Scale Out ...

Feature Configuration Rules

Ready to Install

Installation Progress

Complete

Service Accounts Collation

Microsoft recommends that you use a separate account for each SQL Server service.

Service	Account Name	Password	Startup Type
SQL Server Agent	NT Service\SQLAgentST...		Manual
SQL Server Database Engine	NT Service\MSSQL\$TRA...		Automatic
SQL Server Analysis Services	NT Service\MSOLAP\$TR...		Automatic
SQL Server Integration Services 16.0	NT Service\MsDtsServer...		Automatic
SQL Server Integration Services Sc...	NT Service\SSISScaleOut...		Automatic
SQL Server Integration Services Sc...	NT Service\SSISScaleOut...		Automatic
SQL Full-text Filter Daemon Launc...	NT Service\MSSQLFDLa...		Manual
SQL Server Browser	NT AUTHORITY\LOCAL...		Automatic

☐ Grant Perform Volume Maintenance Tasks privilege to SQL Server Database Engine Service

This privilege enables instant file initialization by avoiding zeroing of data pages. This may lead to information disclosure by allowing deleted content to be accessed.

[Click here for details](#)

< Back

Next >

Cancel

Chọn Mixed Mode ,đây phần để đặt mật khẩu ,đặt mật khẩu xong rồi mình ấn next .

Database Engine Configuration

Specify Database Engine authentication security mode, administrators, data directories, TempDB, Max degree of parallelism, Memory limits, and Filestream settings.

Global Rules
Microsoft Update
Product Updates
Install Setup Files
Install Rules
Installation Type
Edition
License Terms
Azure Extension for SQL Server
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Analysis Services Configuration
Integration Services Scale Out ...
Integration Services Scale Out ...
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Server Configuration | Data Directories | TempDB | MaxDOP | Memory | FILESTREAM

Specify the authentication mode and administrators for the Database Engine.

Authentication Mode

☐ Windows authentication mode

☒ Mixed Mode (SQL Server authentication and Windows authentication)

Specify the password for the SQL Server system administrator (sa) account.

Enter password: ●●●

Confirm password: ●●●

Specify SQL Server administrators

ADMIN-PC\ADMIN (ADMIN)

SQL Server administrators have unrestricted access to the Database Engine.

Add Current User Add... Remove

< Back Next > Cancel

Ở đây thì chọn add current User rồi ấn next.

The screenshot shows the 'Analysis Services Configuration' wizard. The left sidebar lists various configuration steps, with 'Analysis Services Configuration' currently selected. The main window has two tabs: 'Server Configuration' and 'Data Directories'. Under 'Server Configuration', the 'Server Mode' section has 'Multidimensional Mode' and 'Tabular Mode' (selected). Below this, a text box prompts the user to 'Specify which users have administrative permissions for Analysis Services.' To the right of this text box is a large empty area for listing users. At the bottom of this section are three buttons: 'Add Current User', 'Add...', and 'Remove'. At the very bottom of the wizard are three navigation buttons: '< Back', 'Next >', and 'Cancel'.

Analysis Services Configuration

Specify Analysis Services server modes, administrators, and data directories.

- Global Rules
- Microsoft Update
- Product Updates
- Install Setup Files
- Install Rules
- Installation Type
- Edition
- License Terms
- Azure Extension for SQL Server
- Feature Selection
- Feature Rules
- Instance Configuration
- Server Configuration
- Database Engine Configuration
- Analysis Services Configuration**
- Integration Services Scale Out ...
- Integration Services Scale Out ...
- Feature Configuration Rules
- Ready to Install
- Installation Progress
- Complete

Server Configuration | Data Directories

Server Mode:

- ☐ Multidimensional Mode
- ☒ Tabular Mode

Specify which users have administrative permissions for Analysis Services.

Analysis Services administrators have unrestricted access to Analysis Services.

Add Current User | Add... | Remove

< Back | Next > | Cancel

Phần này lại ấn next tiếp.

SQL Server 2022 Setup

Integration Services Scale Out Configuration - Master Node

Specify the port number and security certificate for the Scale Out Master node.

- Global Rules
- Microsoft Update
- Product Updates
- Install Setup Files
- Install Rules
- Installation Type
- Edition
- License Terms
- Azure Extension for SQL Server
- Feature Selection
- Feature Rules
- Instance Configuration
- Server Configuration
- Database Engine Configuration
- Analysis Services Configuration
- Integration Services Scale Ou...**
- Integration Services Scale Out ...
- Feature Configuration Rules
- Ready to Install
- Installation Progress
- Complete

Specify a port number that the master node uses to communicate with the worker nodes.

Port Number:

Select a SSL certificate that is used for the communication between the master node and worker nodes in the scale out topology. A default self-signed certificate is created if you choose to create a new SSL certificate.

☒ Create a new SSL certificate

CNs in the certificate:

☐ Use an existing SSL certificate

< Back Next > Cancel

Xong lại ấn next tiếp.

SQL Server 2022 Setup

Integration Services Scale Out Configuration - Worker Node

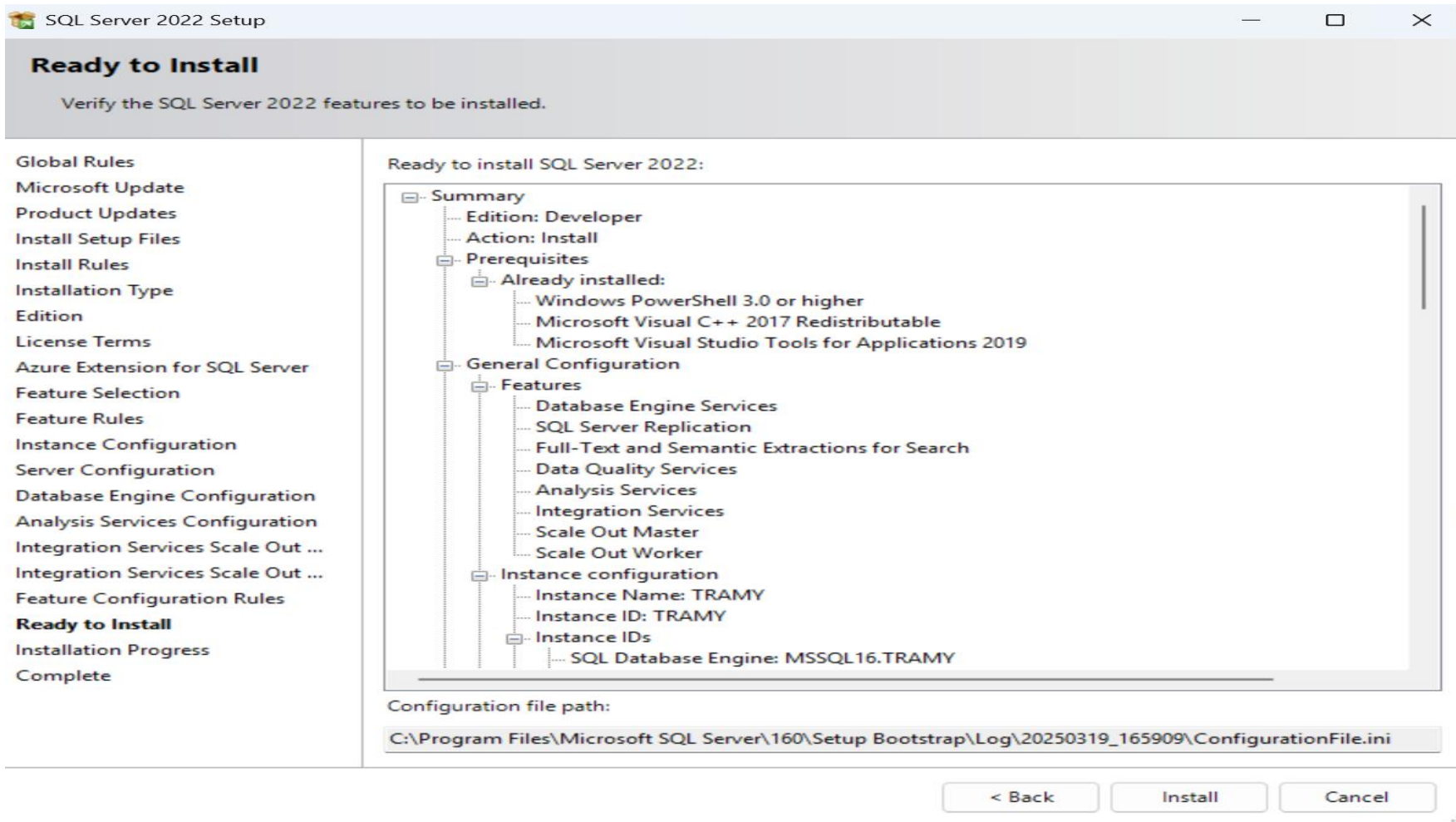
Specify the master node endpoint and security certificate used by the Scale Out Worker node.

- Global Rules
- Microsoft Update
- Product Updates
- Install Setup Files
- Install Rules
- Installation Type
- Edition
- License Terms
- Azure Extension for SQL Server
- Feature Selection
- Feature Rules
- Instance Configuration
- Server Configuration
- Database Engine Configuration
- Analysis Services Configuration
- Integration Services Scale Out ...
- Integration Services Scale Ou...**
- Feature Configuration Rules
- Ready to Install
- Installation Progress
- Complete

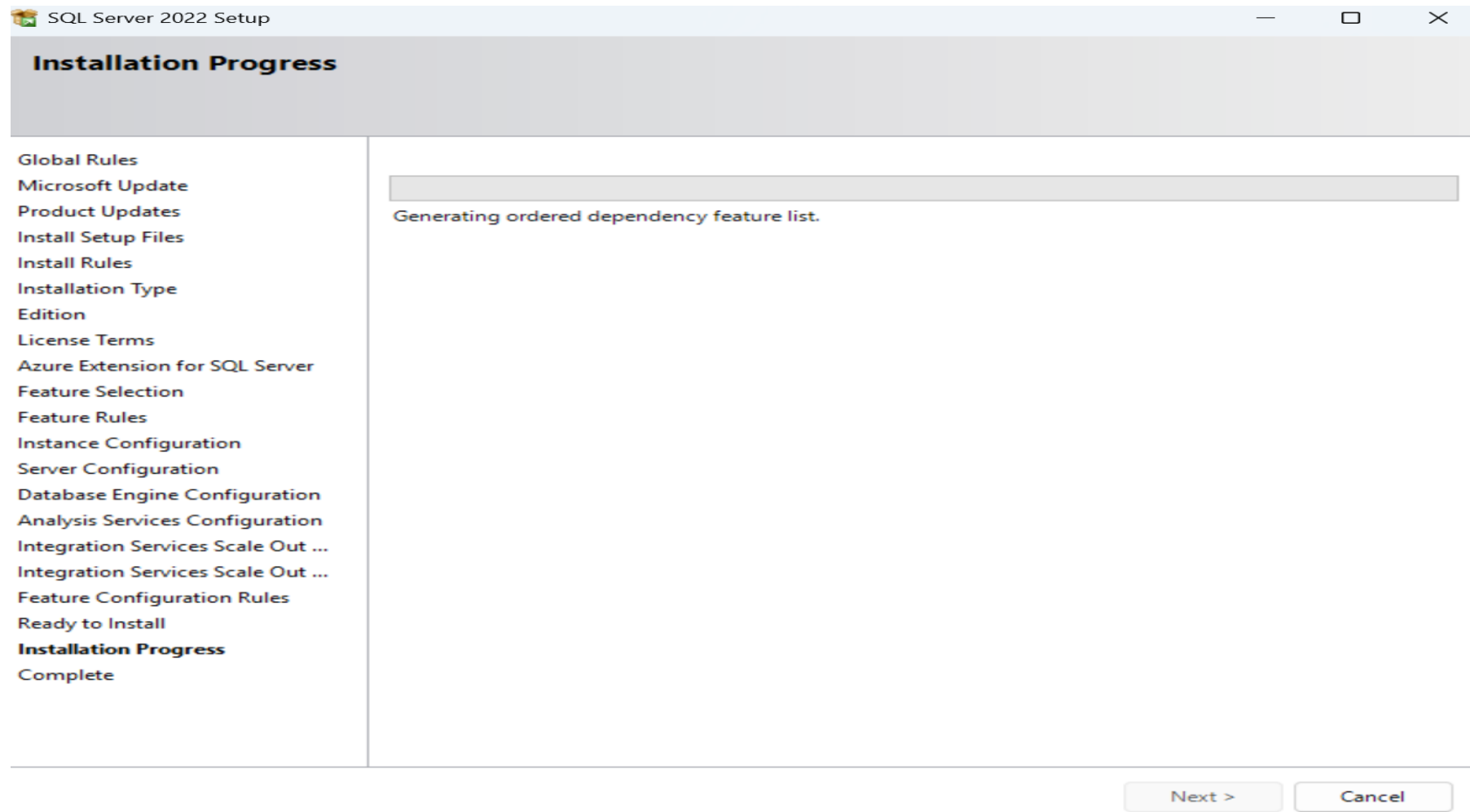
Provide the master node endpoint which the worker node needs to connect to (e.g. https://[MasterNodeMachineName]:[Port]):

Configure the SSL certificate of master node to trust in this machine. The master's SSL certificate needs to be trusted on this worker node for establishing the connection between worker and master. This is optional if your master certificate has already been trusted, i.e. it's issued by a trusted CA (Certification Authority) on this machine, or the master is installed on the same machine. Otherwise, please provide the master's client SSL certificate, i.e. the certificate is created and self-signed by yourself and the master is not on the same machine.

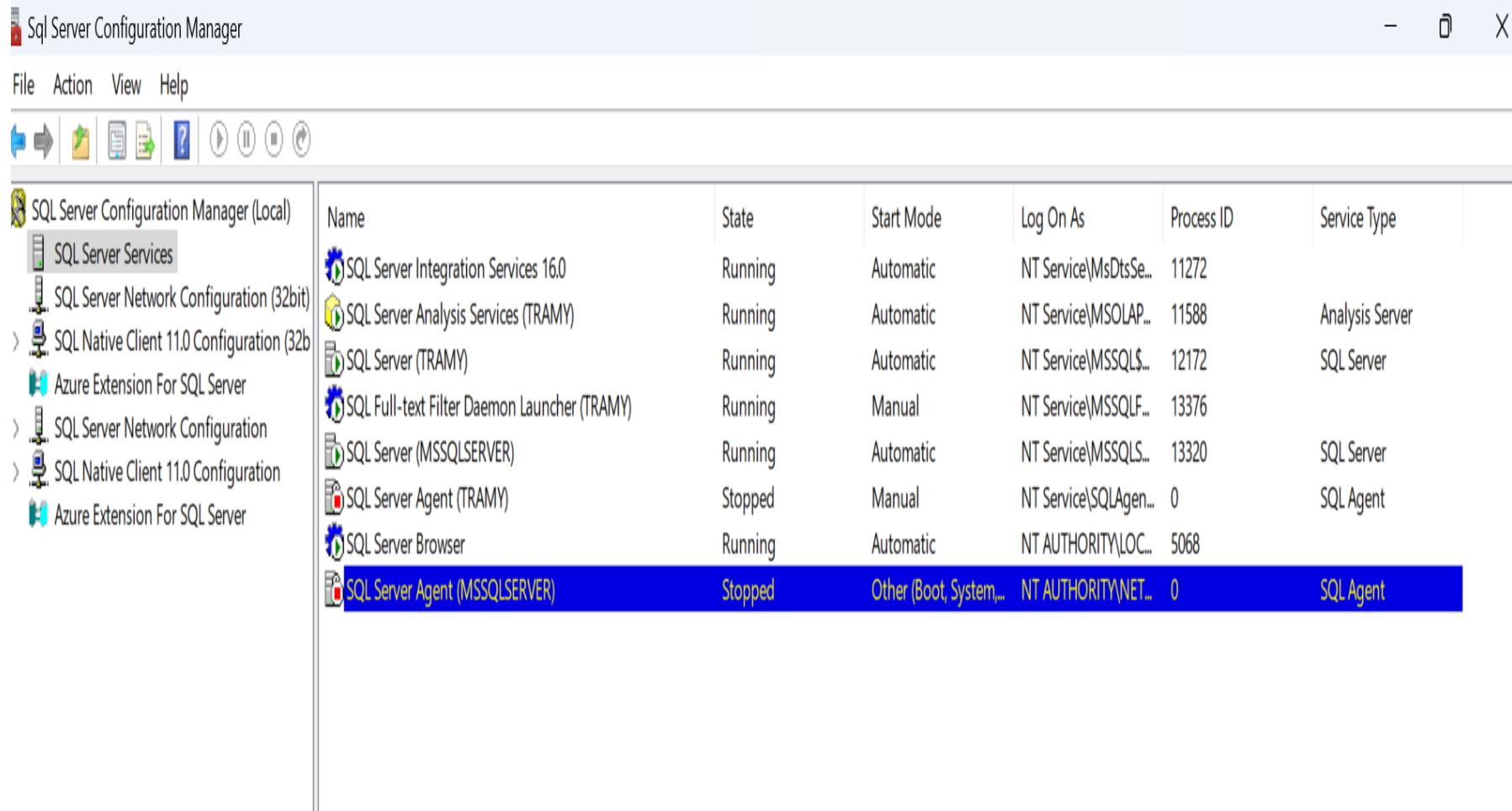
Lại ấn next tiếp.



Đợi 1 lúc để nó tải xuống ,xong rồi mình lại ấn next.



Đây là phần Sql server configuration managre , đây là phần hiển thị sau khi chạy .



The screenshot shows the SQL Server Configuration Manager window. The left pane displays the tree view with 'SQL Server Services' selected. The right pane shows a list of services with the following columns: Name, State, Start Mode, Log On As, Process ID, and Service Type. The 'SQL Server Agent (MSSQLSERVER)' service is highlighted in blue.

Name	State	Start Mode	Log On As	Process ID	Service Type
SQL Server Integration Services 16.0	Running	Automatic	NT Service\MsDtsSe...	11272	
SQL Server Analysis Services (TRAMY)	Running	Automatic	NT Service\MSOLAP...	11588	Analysis Server
SQL Server (TRAMY)	Running	Automatic	NT Service\MSSQLS...	12172	SQL Server
SQL Full-text Filter Daemon Launcher (TRAMY)	Running	Manual	NT Service\MSSQLF...	13376	
SQL Server (MSSQLSERVER)	Running	Automatic	NT Service\MSSQLS...	13320	SQL Server
SQL Server Agent (TRAMY)	Stopped	Manual	NT Service\SQLAgen...	0	SQL Agent
SQL Server Browser	Running	Automatic	NT AUTHORITY\LOC...	5068	
SQL Server Agent (MSSQLSERVER)	Stopped	Other (Boot, System,...	NT AUTHORITY\NET...	0	SQL Agent