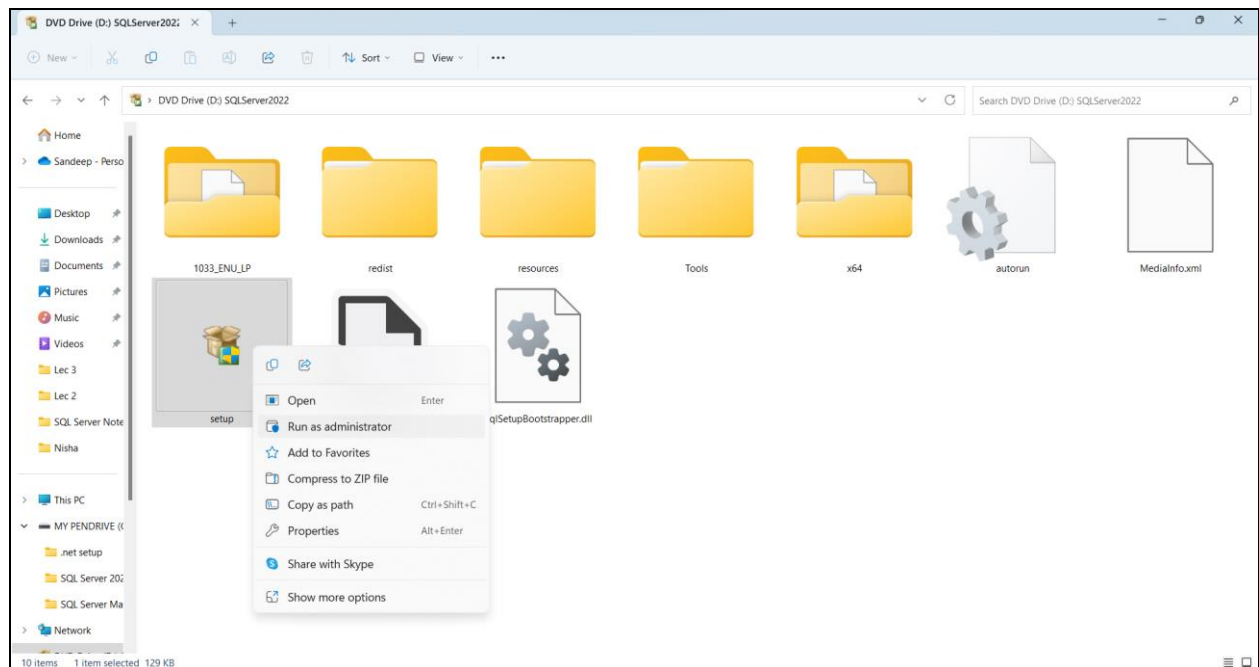




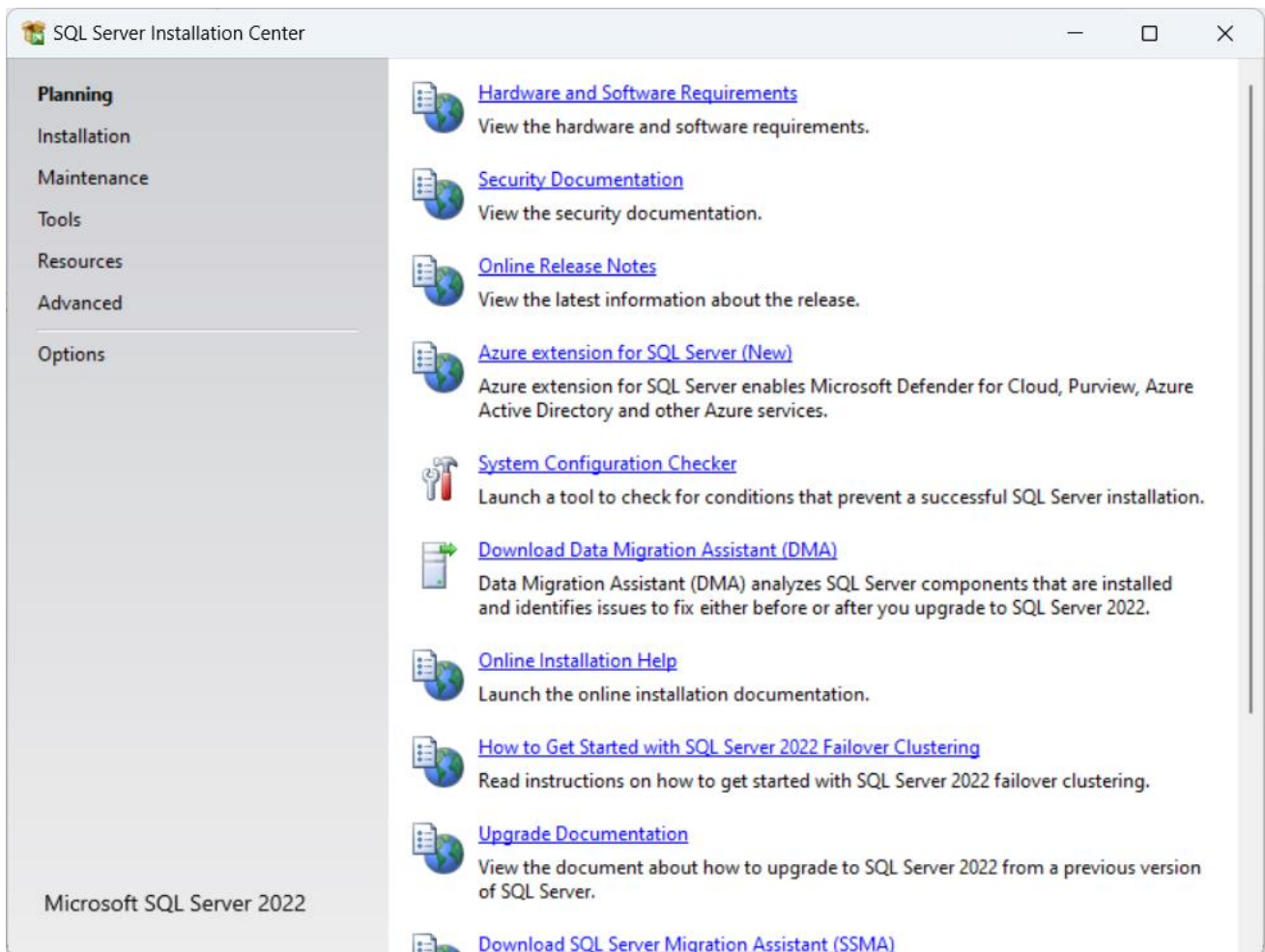
## Installation process of SQL Server 2022

**Step 1** :-- Open the SQL Server 2022 Folder → Right Click on Setup file → **Run As Administrator**

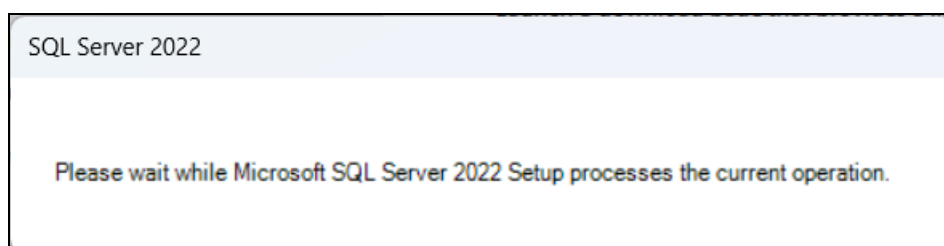
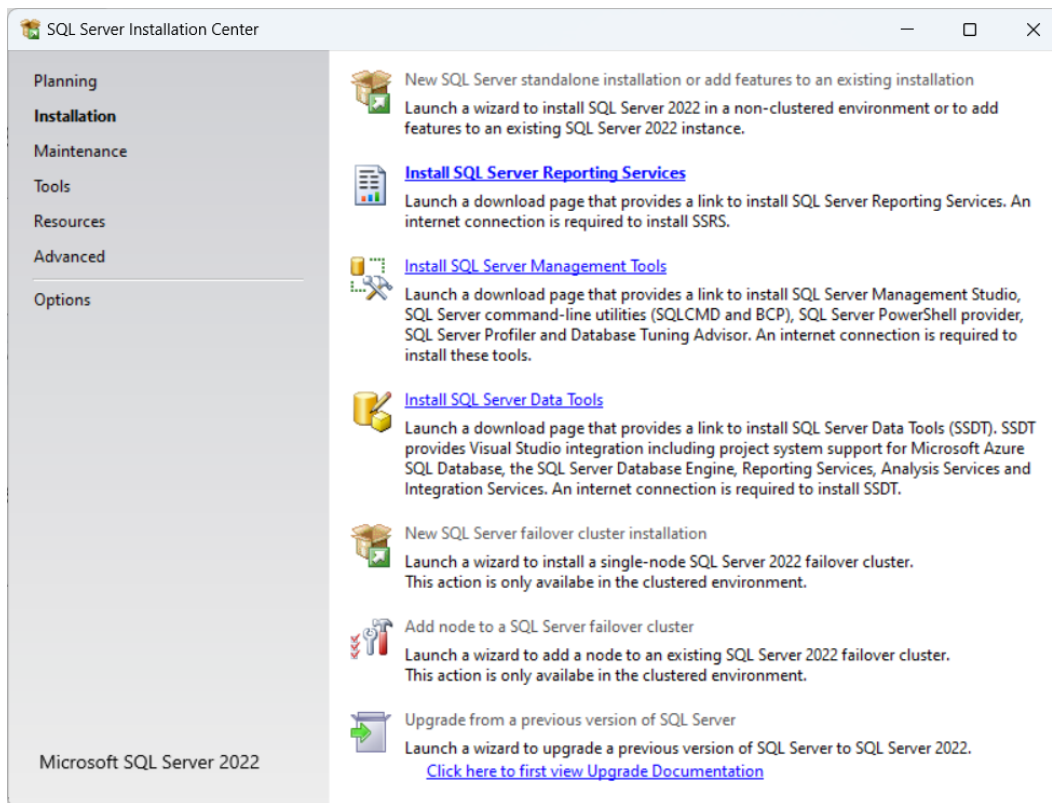


A New Window is Open → and Press **Yes** Button

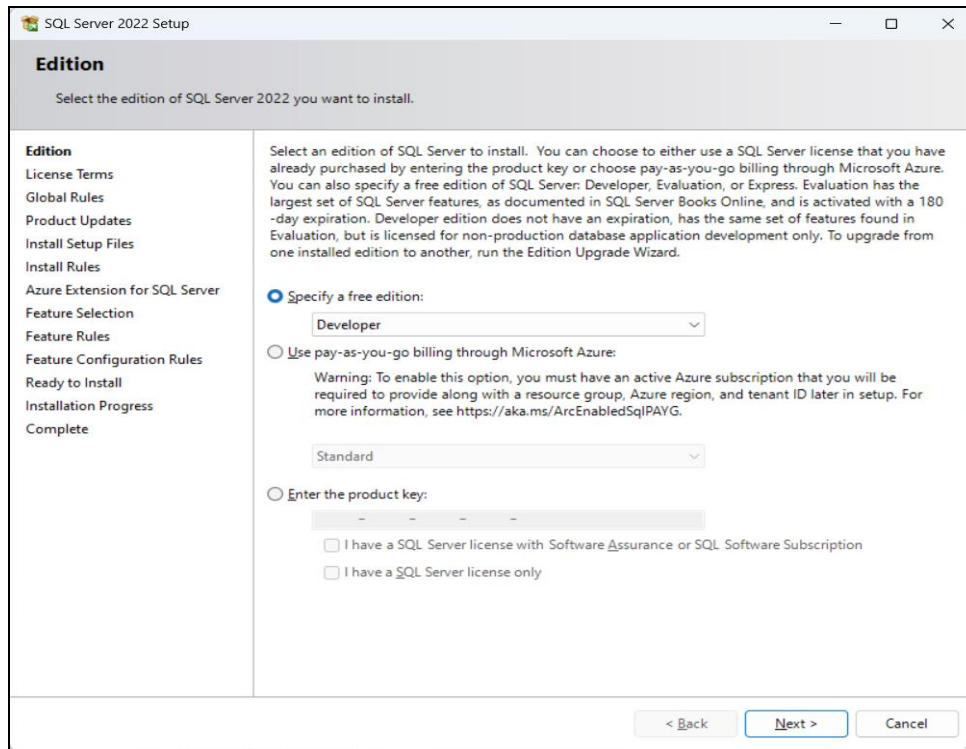
**Step 2** :-- Click on **installation** link.



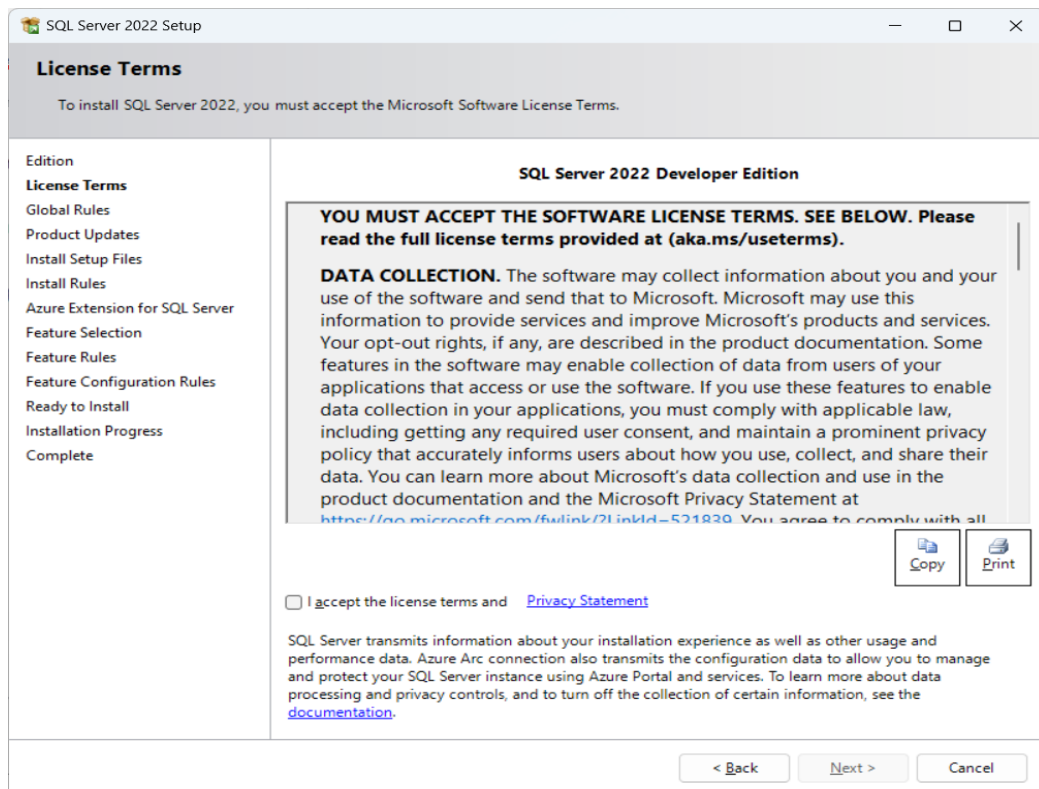
Then Click on → New SQL Server Standalone installation or add features to an existing installation



**Step 3** :-- Click on **Specify a free Edition** Button.



## Step 4 :-- **Check** License Aggrement.



SQL Server 2022 Setup

### License Terms

To install SQL Server 2022, you must accept the Microsoft Software License Terms.

Edition

**License Terms**

Global Rules

Product Updates

Install Setup Files

Install Rules

Azure Extension for SQL Server

Feature Selection

Feature Rules

Feature Configuration Rules

Ready to Install

Installation Progress

Complete

**SQL Server 2022 Developer Edition**

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☒ I accept the license terms and [Privacy Statement](#)

SQL Server transmits information about your installation experience as well as other usage and performance data. Azure Arc connection also transmits the configuration data to allow you to manage and protect your SQL Server instance using Azure Portal and services. To learn more about data processing and privacy controls, and to turn off the collection of certain information, see the [documentation](#).

[Copy](#) [Print](#)

< Back Next > Cancel

SQL Server 2022 Setup

### Install Rules

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

Edition

License Terms

Global Rules

Product Updates

Install Setup Files

**Install Rules**

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.

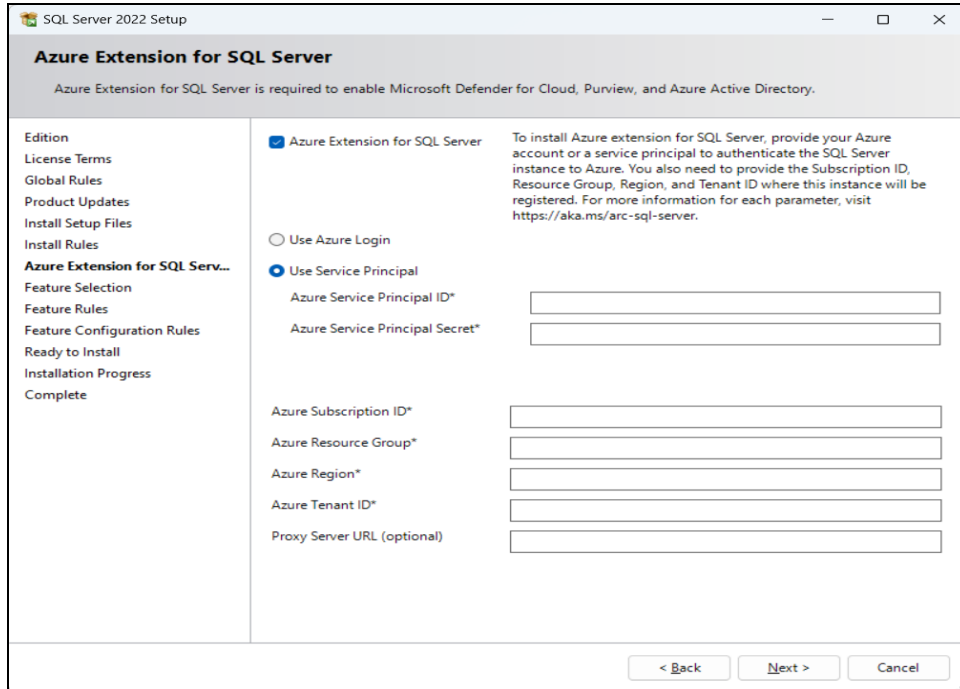
[Hide details <<](#) [Re-run](#)

[View detailed report](#)

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

< Back Next > Cancel

## Step 5 :-- UnCheck **Azure Extension for SQL Server**.



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.

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

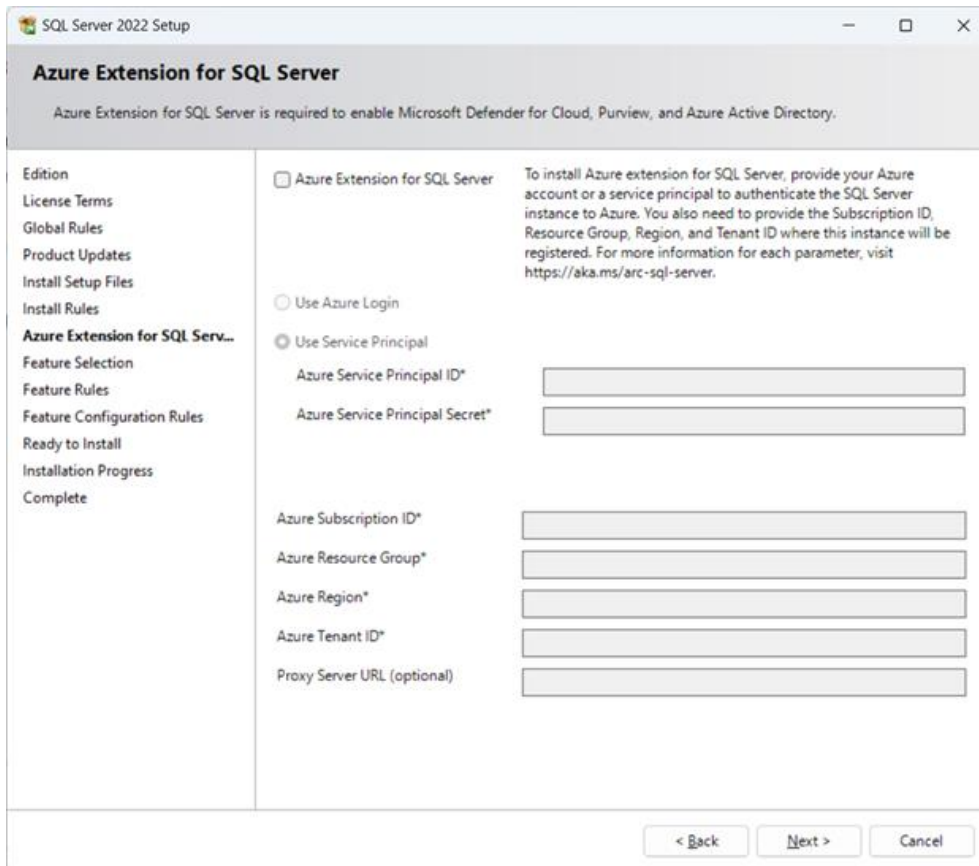
☒ Azure Extension for SQL Server  
 To install Azure extension for SQL Server, provide your Azure account or a service principal to authenticate the SQL Server instance to Azure. You also need to provide the Subscription ID, Resource Group, Region, and Tenant ID where this instance will be registered.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

☐ 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)

< Back   Next >   Cancel



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.

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

☐ Azure Extension for SQL Server  
 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>.

☐ Use Azure Login  
☒ Use Service Principal

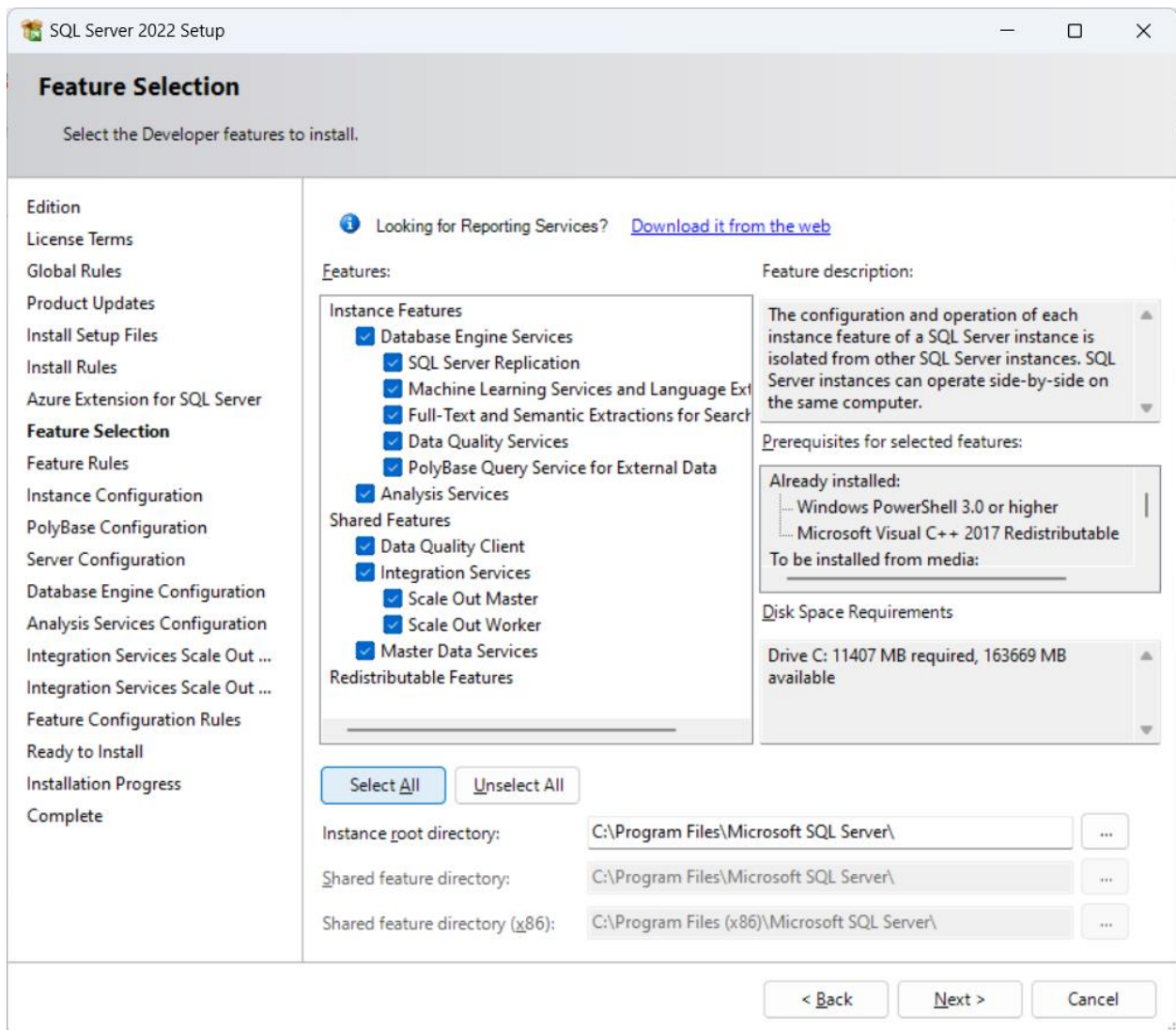
Azure Service Principal ID\*  
 Azure Service Principal Secret\*

Azure Subscription ID\*  
 Azure Resource Group\*  
 Azure Region\*  
 Azure Tenant ID\*  
 Proxy Server URL (optional)

< Back   Next >   Cancel



**Step 6:--** In **Feature Selection** Window → Click on **Select All** Button → After that Uncheck **Machine Learning Service and Language Extension** and **PolyBase Query Service**.



SQL Server 2022 Setup

### Feature Selection

Select the Developer features to install.

Edition

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Product Updates

Install Setup Files

Install Rules

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**

[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\

**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

To be installed from media:

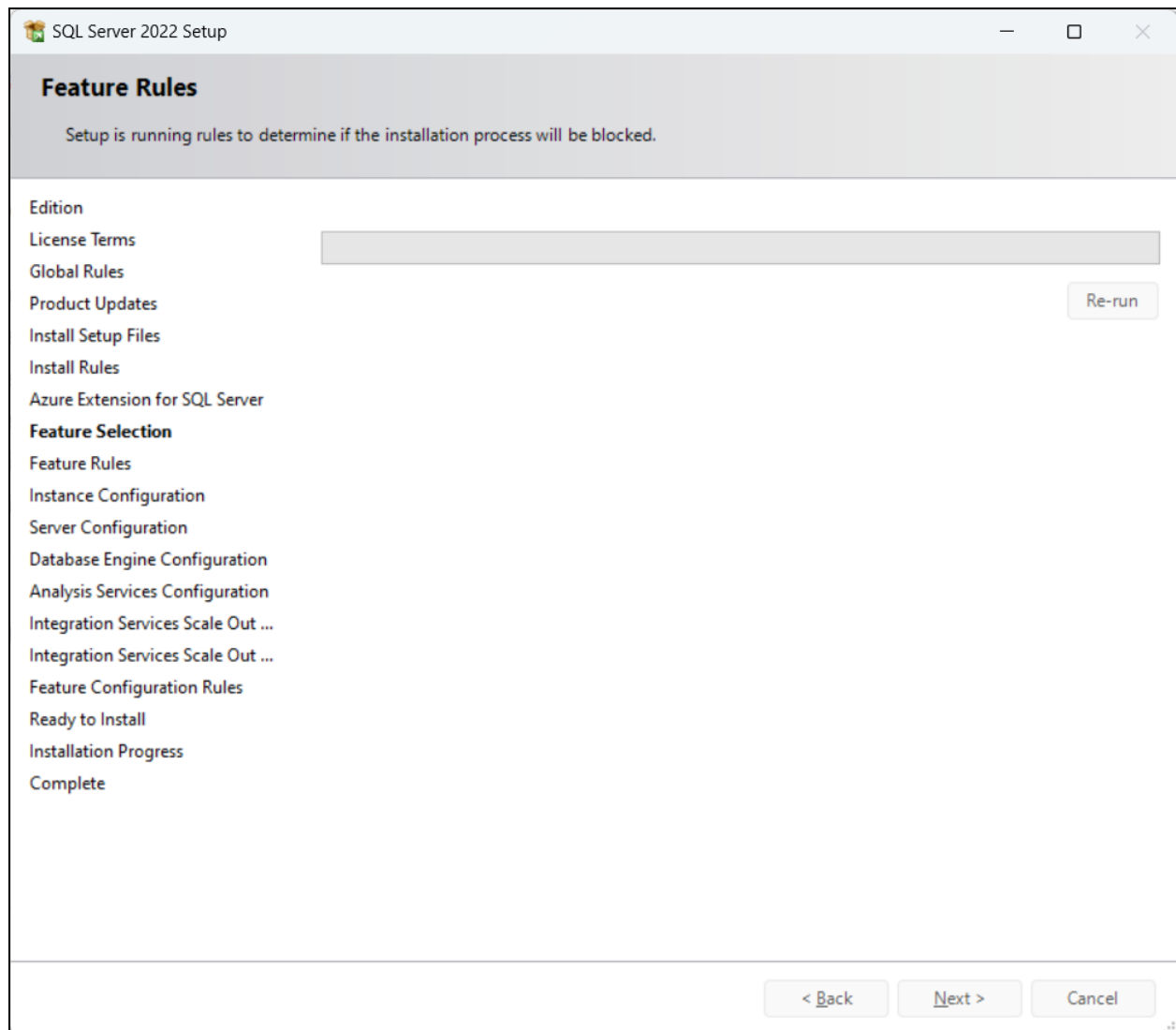
**Disk Space Requirements**

Drive C: 2757 MB required, 163610 MB available

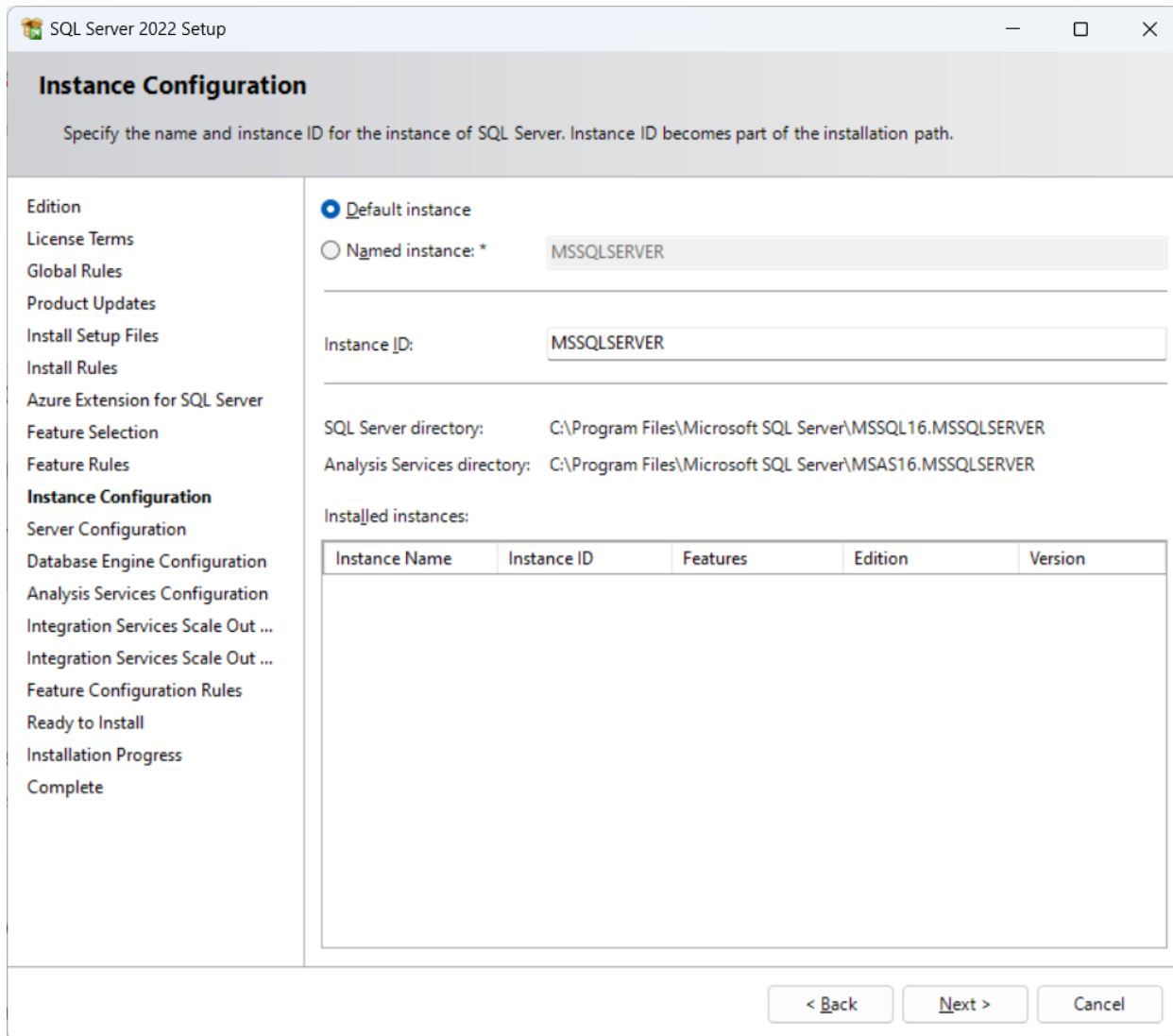
< Back Next > Cancel

Please Wait...





**Step 7** :-- Click on **default instance** Radio Button.



**SQL Server 2022 Setup**

**Instance Configuration**

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

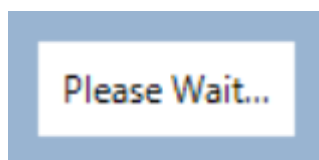
☒ **Default instance**  
☐ **Named instance: \*** MSSQLSERVER

Instance ID: MSSQLSERVER

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



**Step 8** :-- Check **Grant Perform** check box in Server Configuration.

SQL Server 2022 Setup

### Server Configuration

Specify the service accounts and collation configuration.

Edition

License Terms

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Install Rules

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\SQLSERVERA...		Manual
SQL Server Database Engine	NT Service\MSSQLSERVER		Automatic
SQL Server Analysis Services	NT Service\MSSQLServer...		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 ...		Disabled

☐ 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

SQL Server 2022 Setup

### Server Configuration

Specify the service accounts and collation configuration.

Edition

License Terms

Global Rules

Product Updates

Install Setup Files

Install Rules

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

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SQL Server Analysis Services	NT Service\MSSQLServer...		Automatic
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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 ...		Disabled

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

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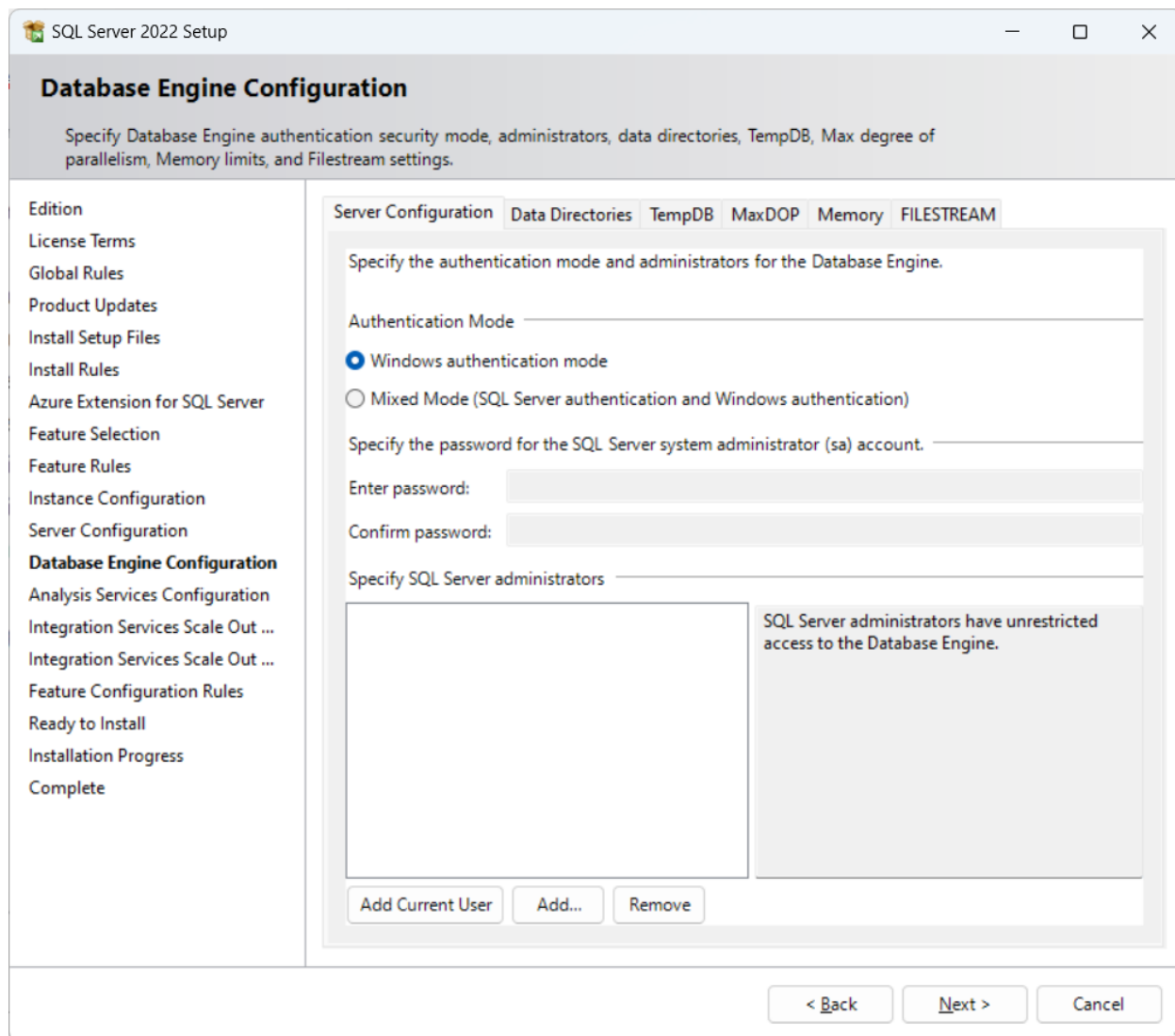
[Click here for details](#)

< Back

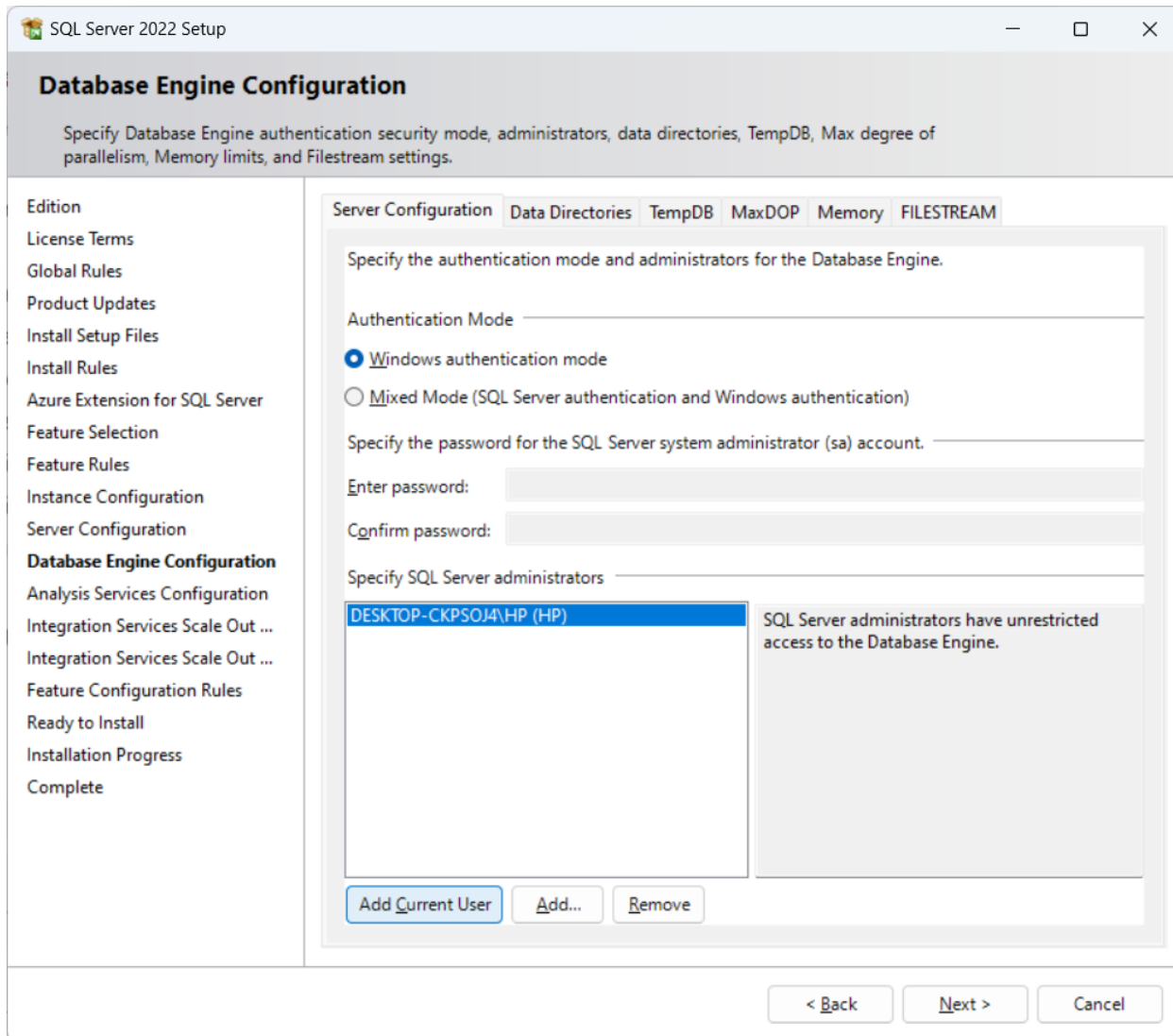
Next >

Cancel

**Step 9** :-- Check on **Windows Authentication Mode** → And Click on **Add Current User** Button.



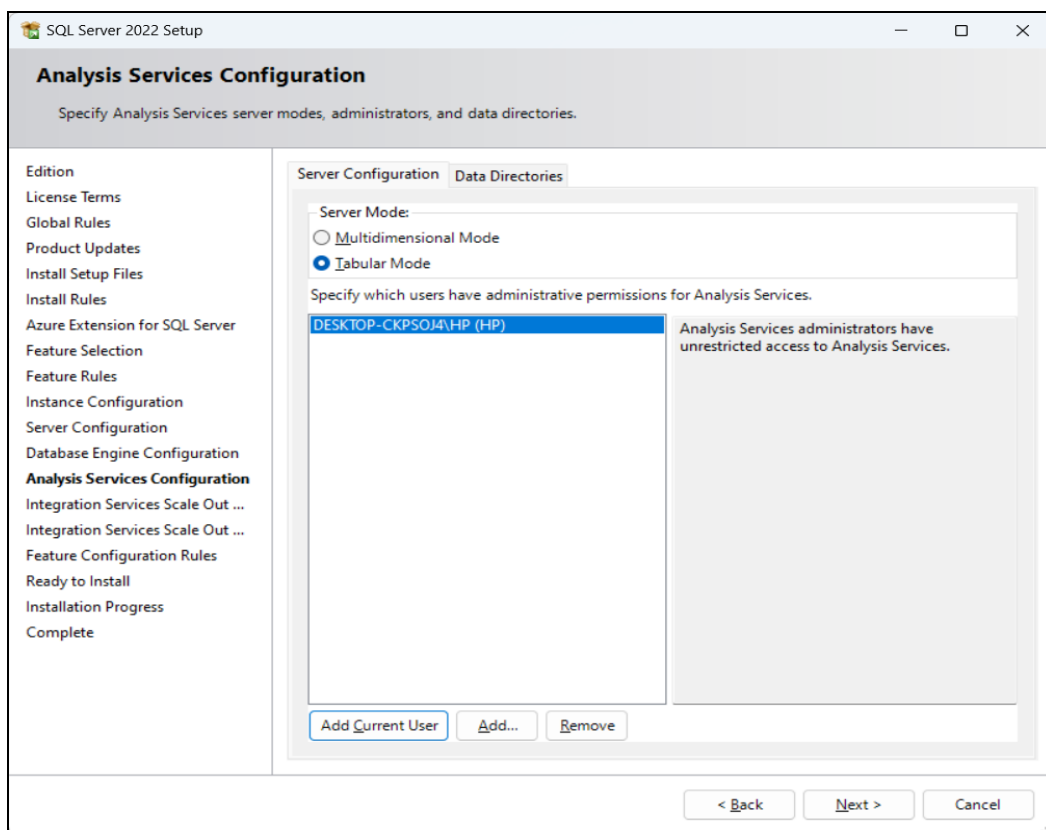
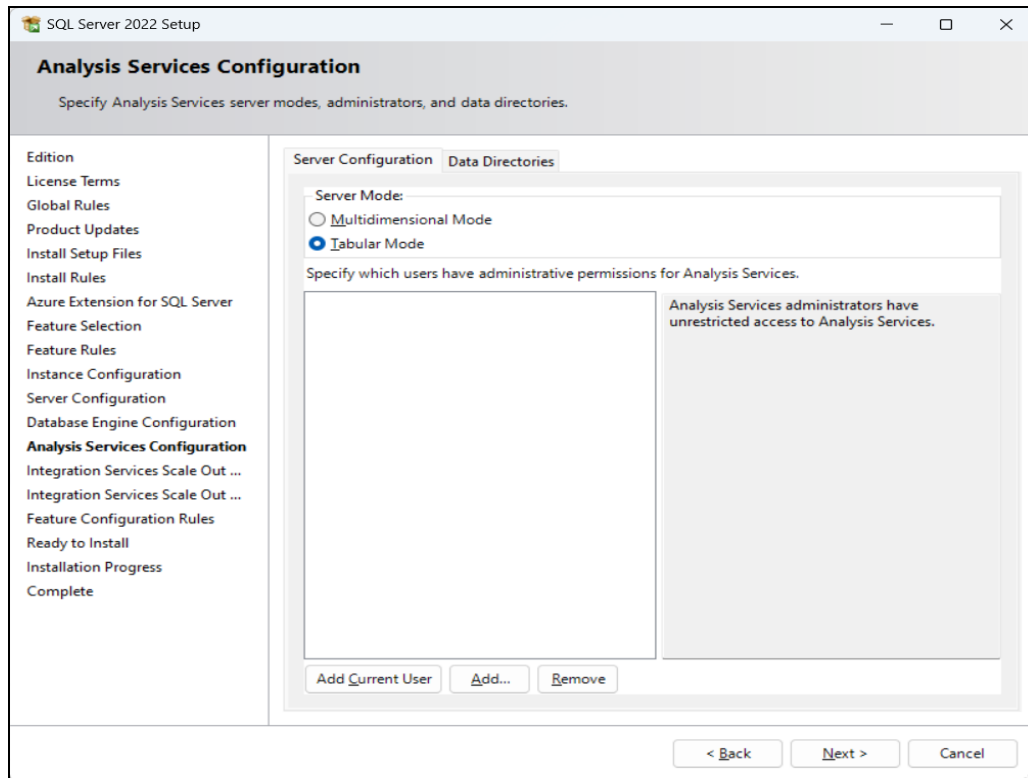
**Note** :-- In SQL Server Complete installation we click **Add Current User** Button in 2 Places.



The screenshot shows the 'SQL Server 2022 Setup' window, specifically the 'Database Engine Configuration' tab. The window title bar includes standard Windows window controls. The main heading is 'Database Engine Configuration', followed by a descriptive text: 'Specify Database Engine authentication security mode, administrators, data directories, TempDB, Max degree of parallelism, Memory limits, and Filestream settings.' On the left, a vertical list of configuration steps is shown, with 'Database Engine Configuration' highlighted. The main area has several tabs: 'Server Configuration', 'Data Directories', 'TempDB', 'MaxDOP', 'Memory', and 'FILESTREAM'. The 'Server Configuration' tab is active, displaying options for 'Authentication Mode'. Two radio buttons are present: 'Windows authentication mode' (selected) and 'Mixed Mode (SQL Server authentication and Windows authentication)'. Below these are fields for 'Enter password:' and 'Confirm password:'. A section titled 'Specify SQL Server administrators' contains a list box with one entry, 'DESKTOP-CKPSOJ4\HP (HP)', which is selected. To the right of the list box, a note states: 'SQL Server administrators have unrestricted access to the Database Engine.' At the bottom of the list box are three buttons: 'Add Current User', 'Add...', and 'Remove'. At the very bottom of the window are three buttons: '< Back', 'Next >', and 'Cancel'.

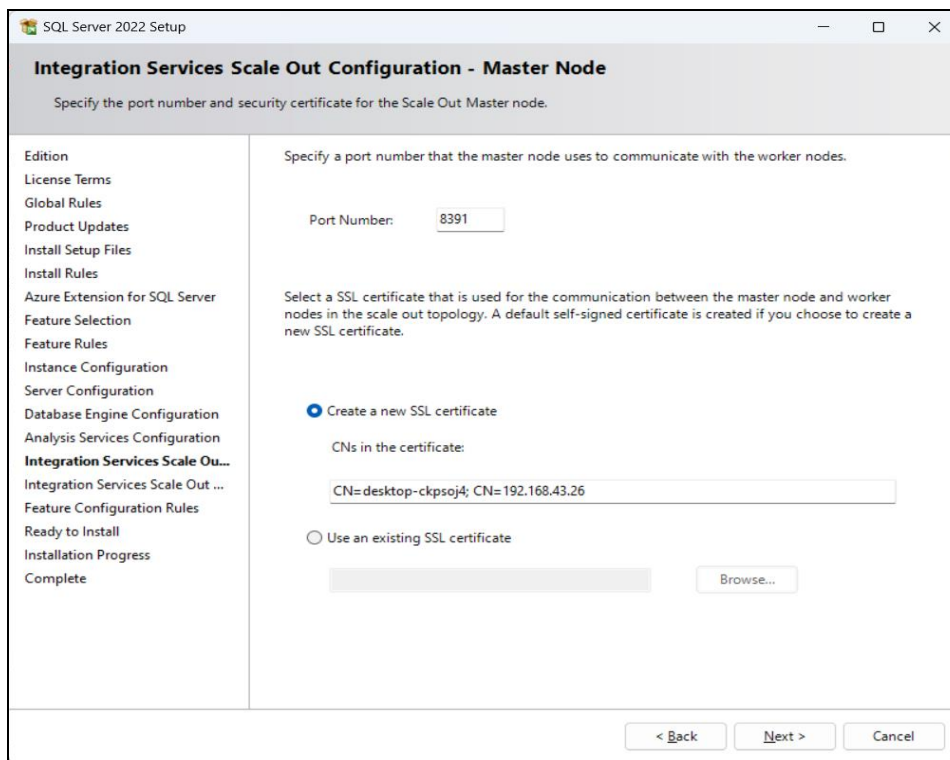
**Step 10** :-- Click on **Add Current User** Button.





Add Current User

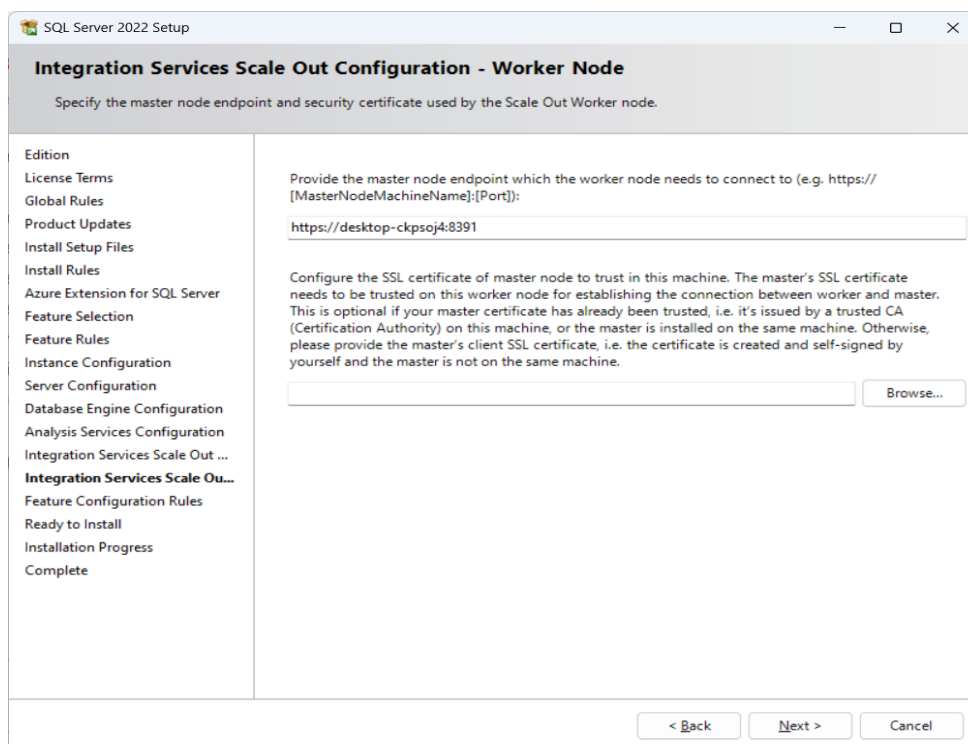
**Step 11** :-- Click On **Next** Button.



The screenshot shows the 'Integration Services Scale Out Configuration - Master Node' window. The left sidebar lists various setup steps, with 'Integration Services Scale Out ...' selected. The main area contains the following fields and options:

- Port Number:** A text box containing '8391'.
- SSL Certificate Selection:**
  - ☒ Create a new SSL certificate
  - ☐ Use an existing SSL certificate
- CNs in the certificate:** A text box containing 'CN=desktop-ckpsoj4; CN=192.168.43.26'.
- Buttons:** '< Back', 'Next >', and 'Cancel'.

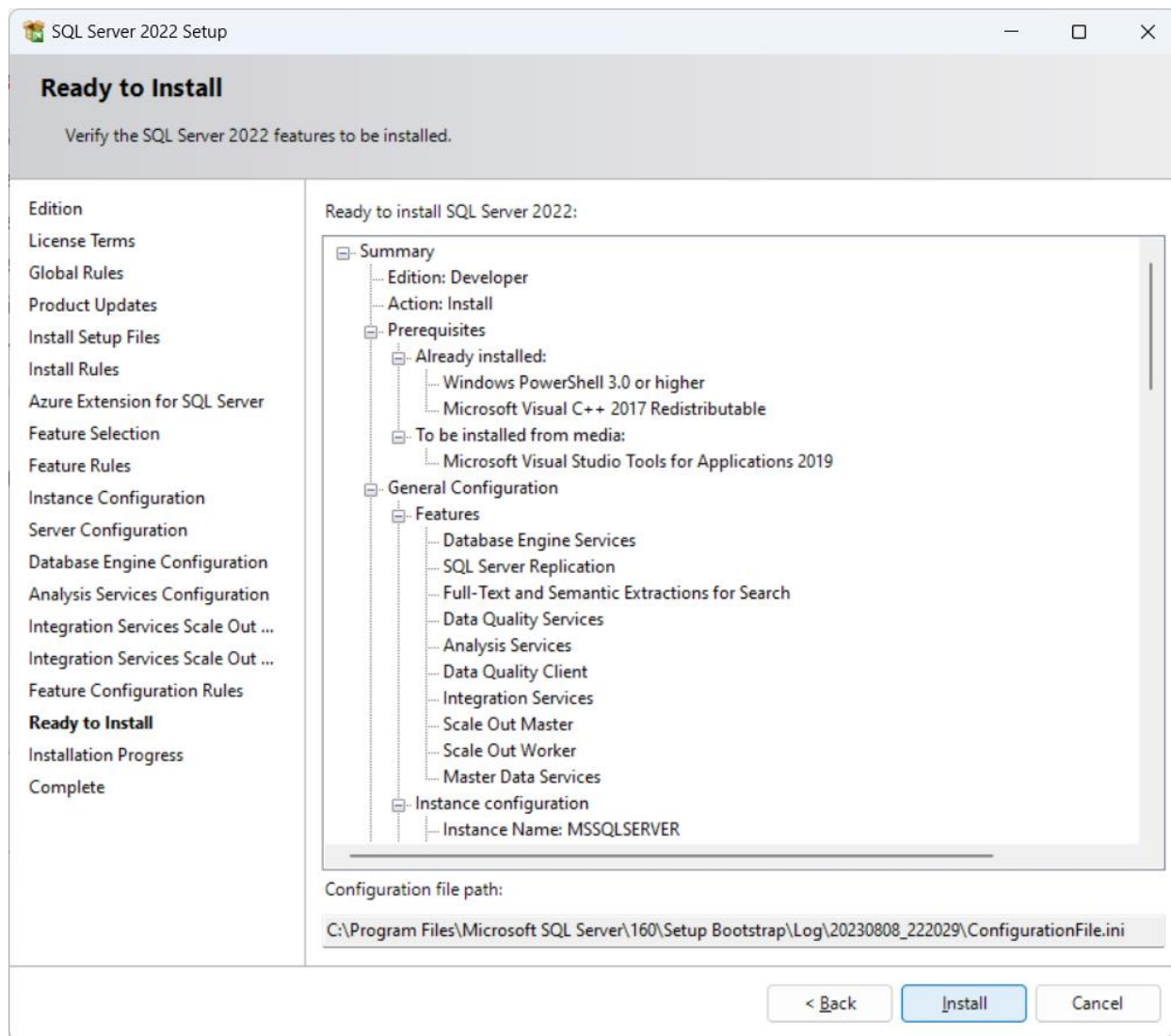
**Step 12** :-- Click On **Next** Button.



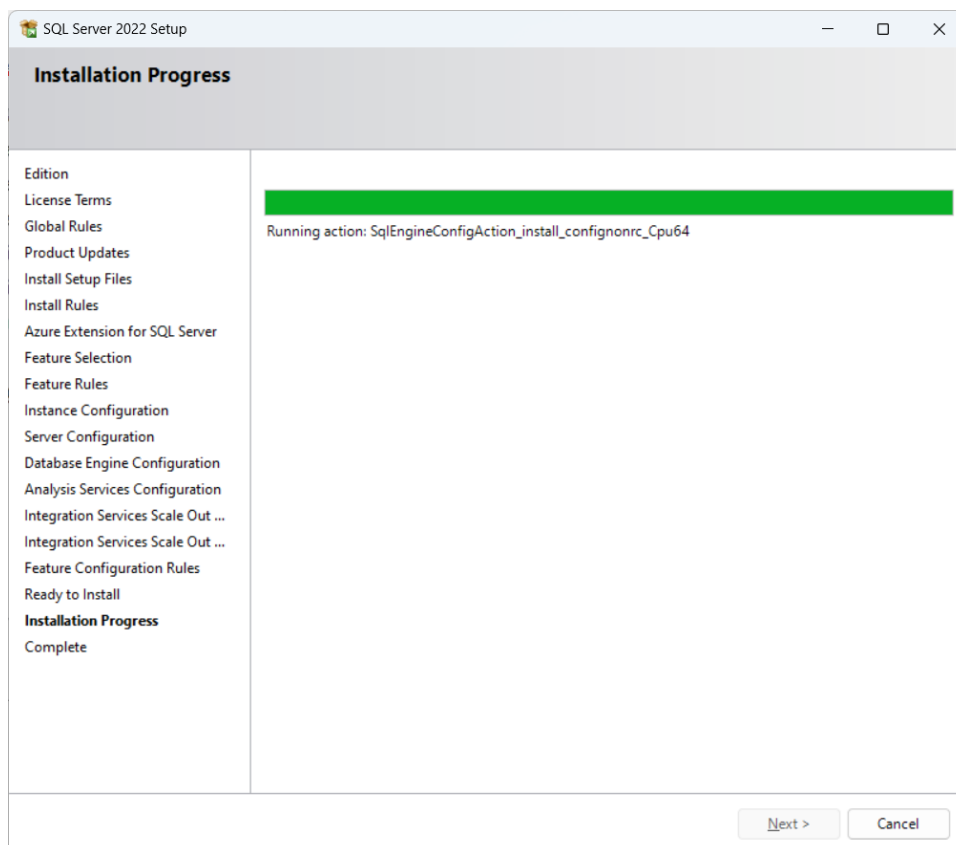
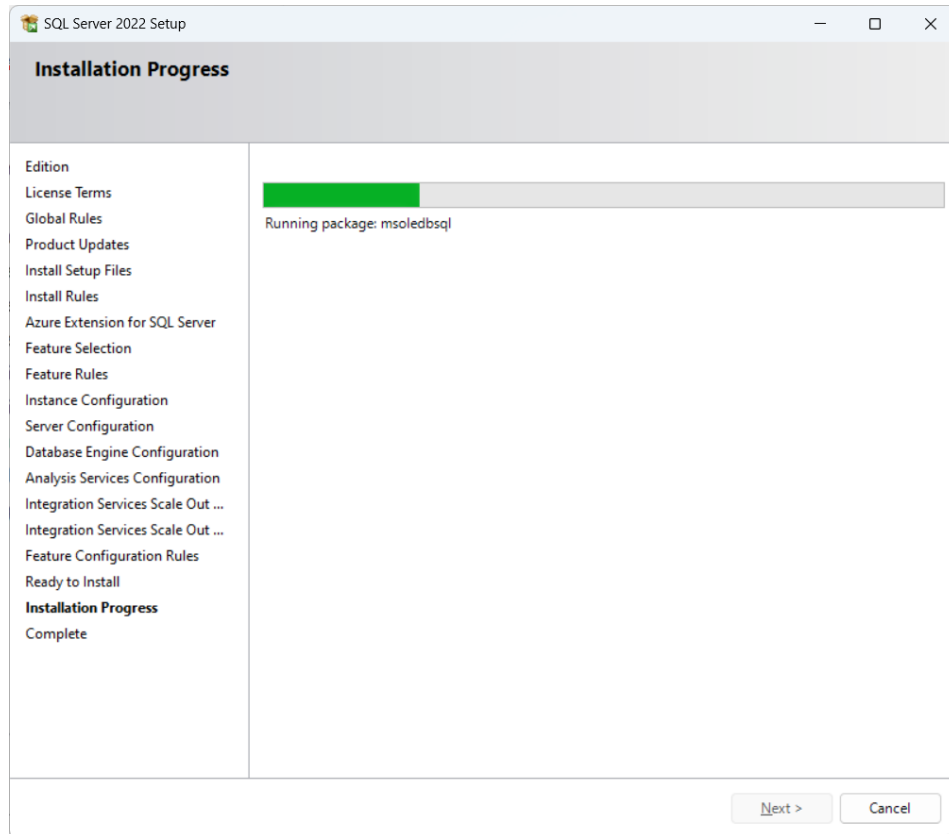
The screenshot shows the 'Integration Services Scale Out Configuration - Worker Node' window. The left sidebar lists various setup steps, with 'Integration Services Scale Out ...' selected. The main area contains the following fields and options:

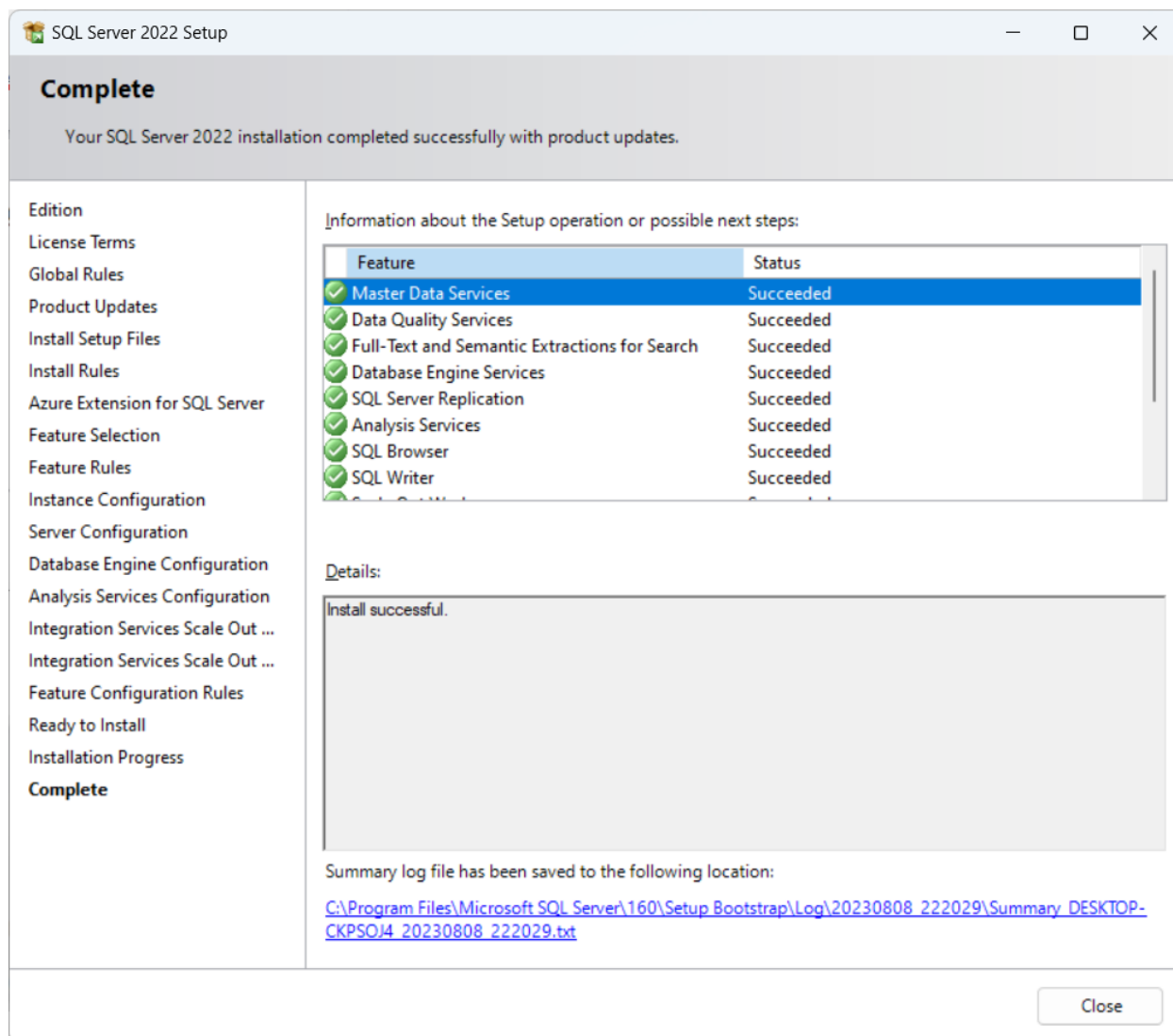
- Master Node Endpoint:** A text box containing 'https://desktop-ckpsoj4:8391'.
- SSL Certificate Selection:**
  - ☐ Create a new SSL certificate
  - ☐ Use an existing SSL certificate
- Buttons:** '< Back', 'Next >', and 'Cancel'.

**Step 13** :-- Click On **Next** Button.



**Step 14** :-- Click On **Next** Button.



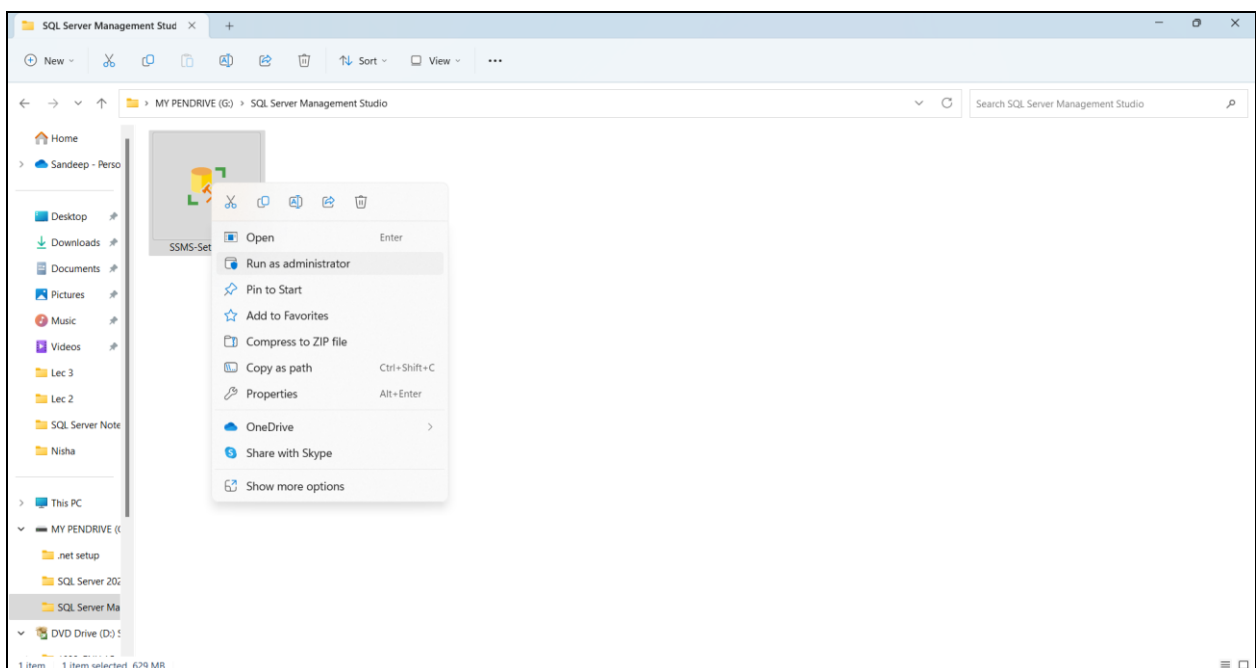
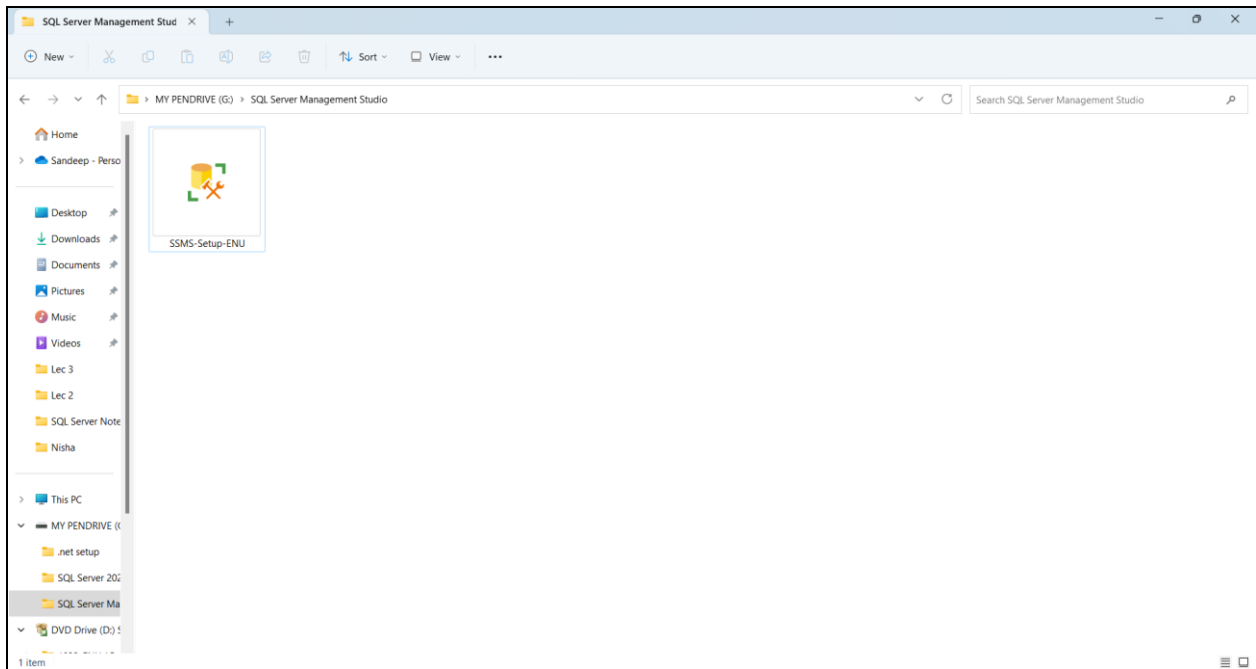


**Step 15** :-- After installation Click on **Close** Button.



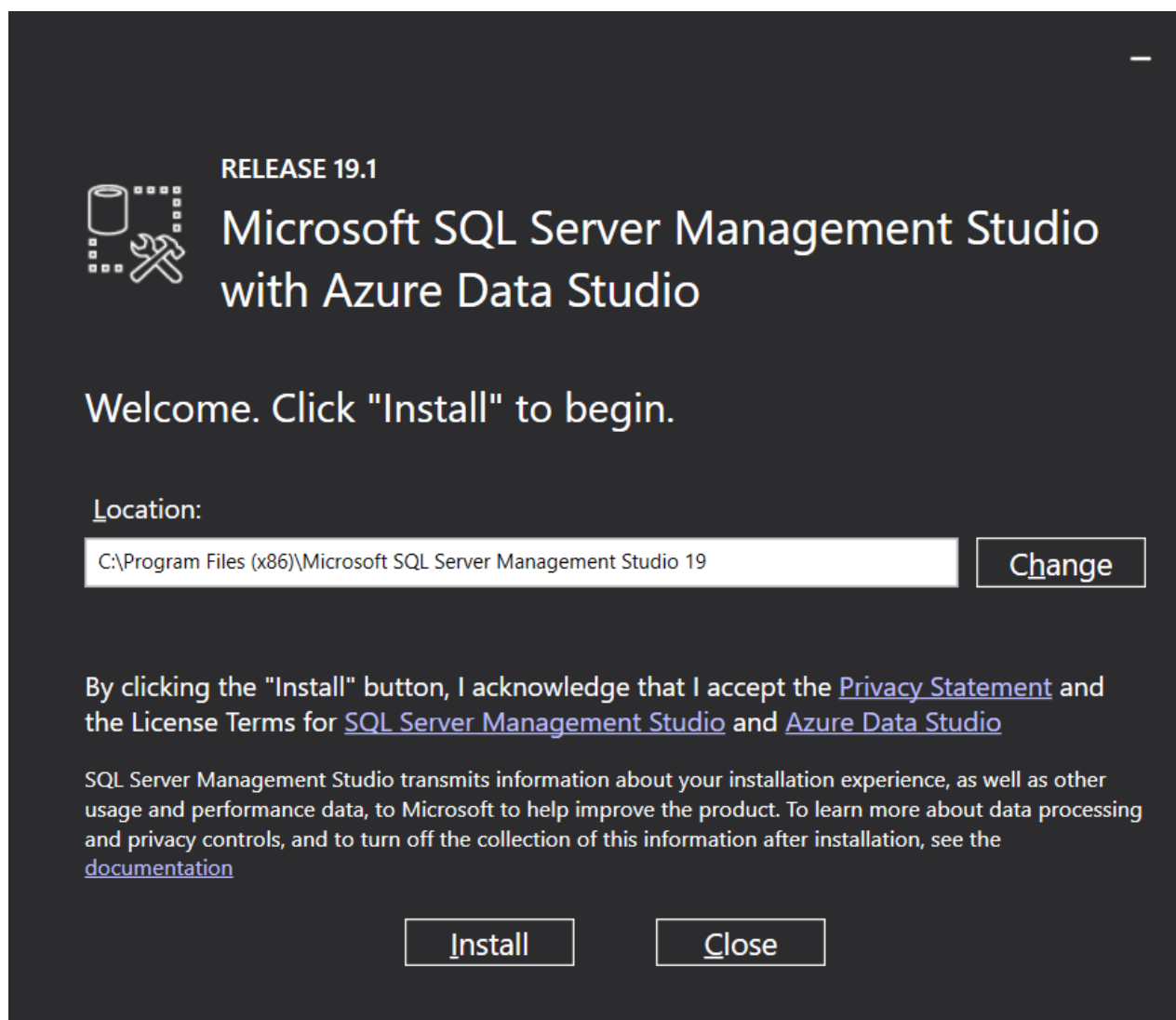
## Installation process of SQL Server Management Studio

**Step 1** :-- Right Click on SSMS Setup.



A New Window is Open → and Press **Yes** Button

**Step 2** :-- Clcik on **Install** Button.





RELEASE 19.1

## Microsoft SQL Server Management Studio with Azure Data Studio

Package Progress

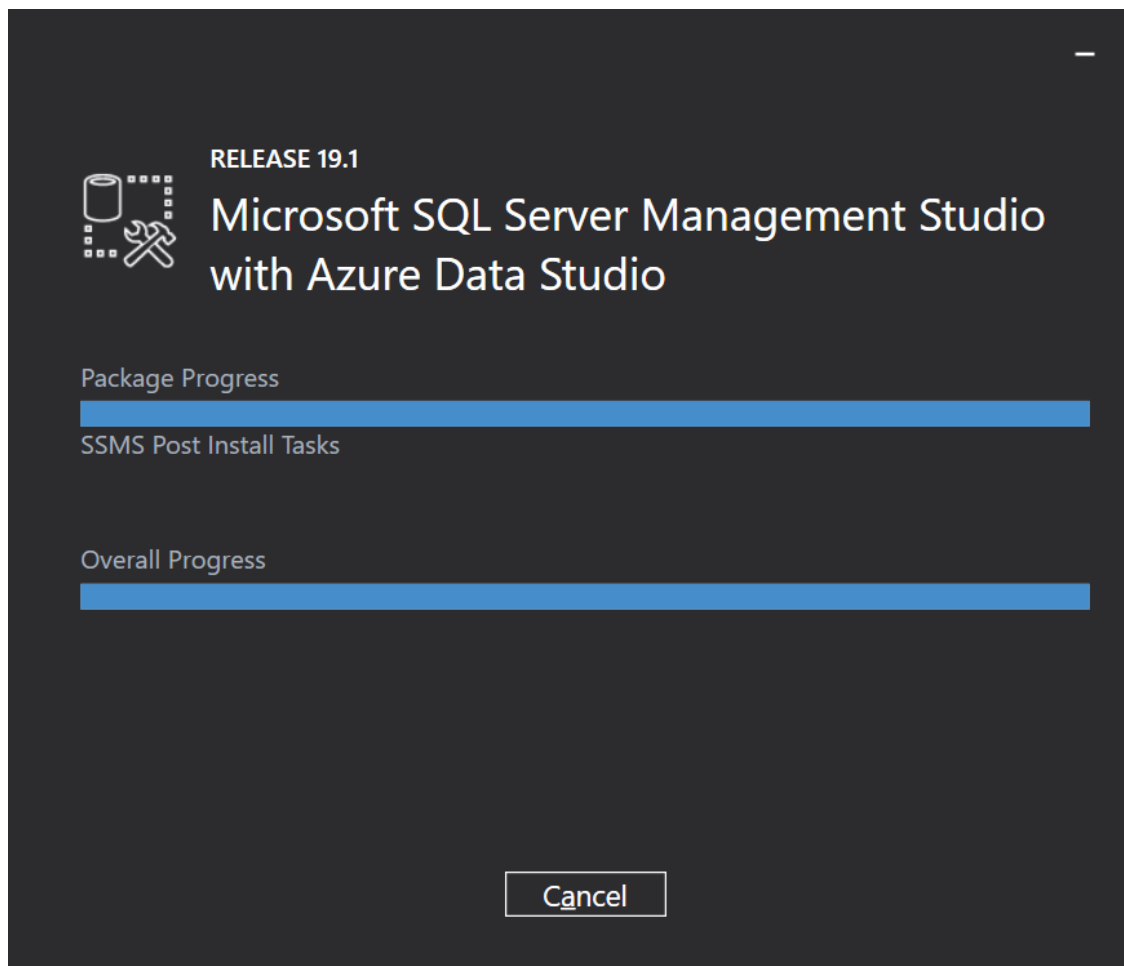
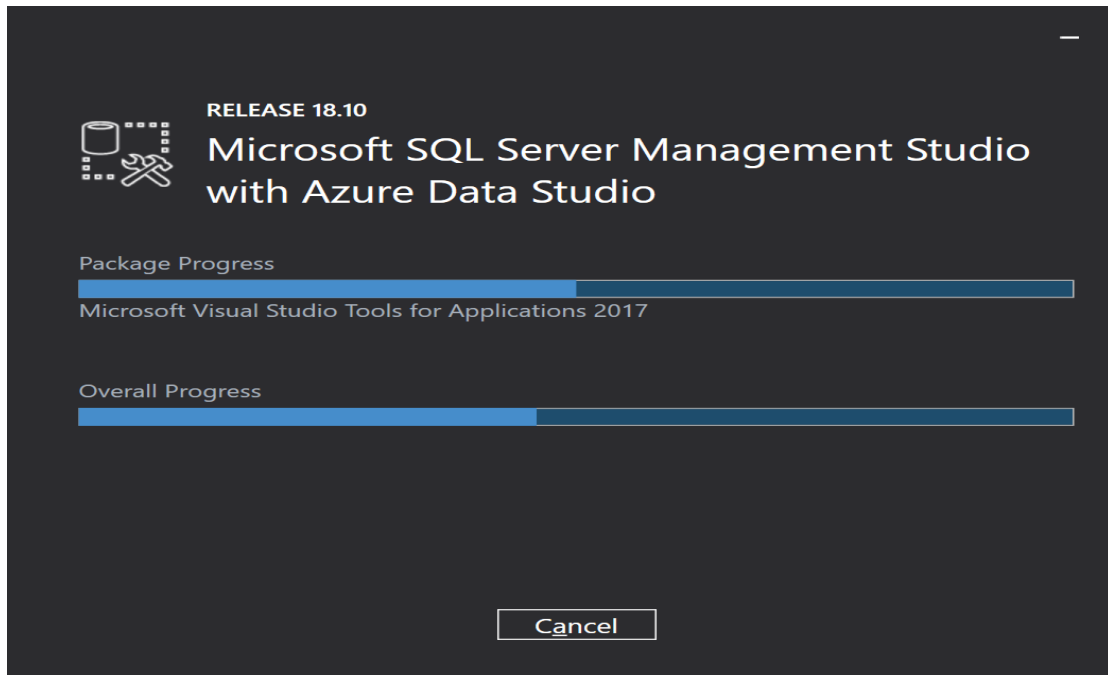


Visual Studio 2017 Isolated Shell for SSMS

Overall Progress



Cancel





RELEASE 19.1

## Microsoft SQL Server Management Studio with Azure Data Studio

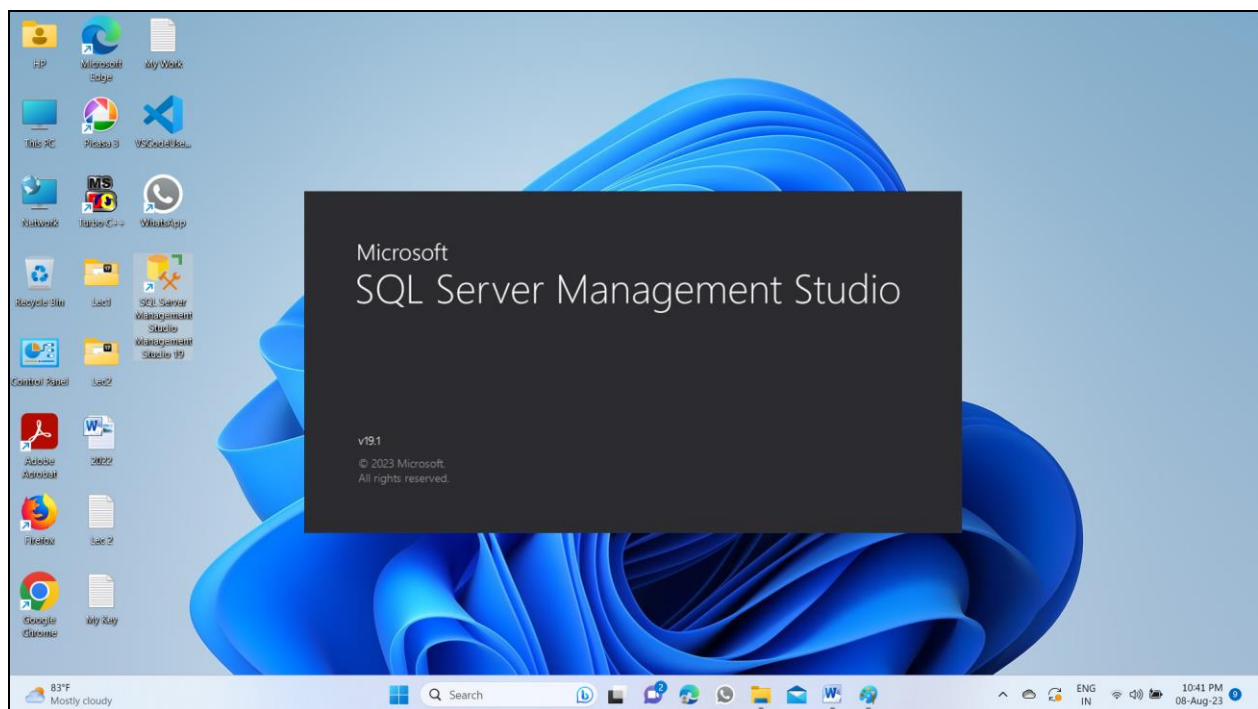
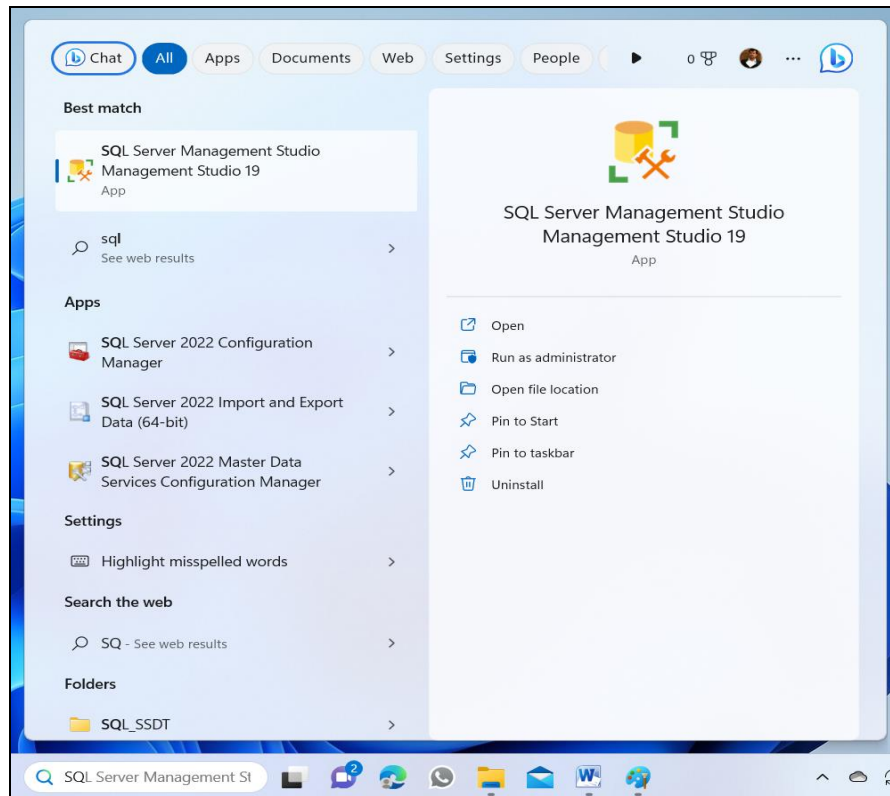
### Setup Completed

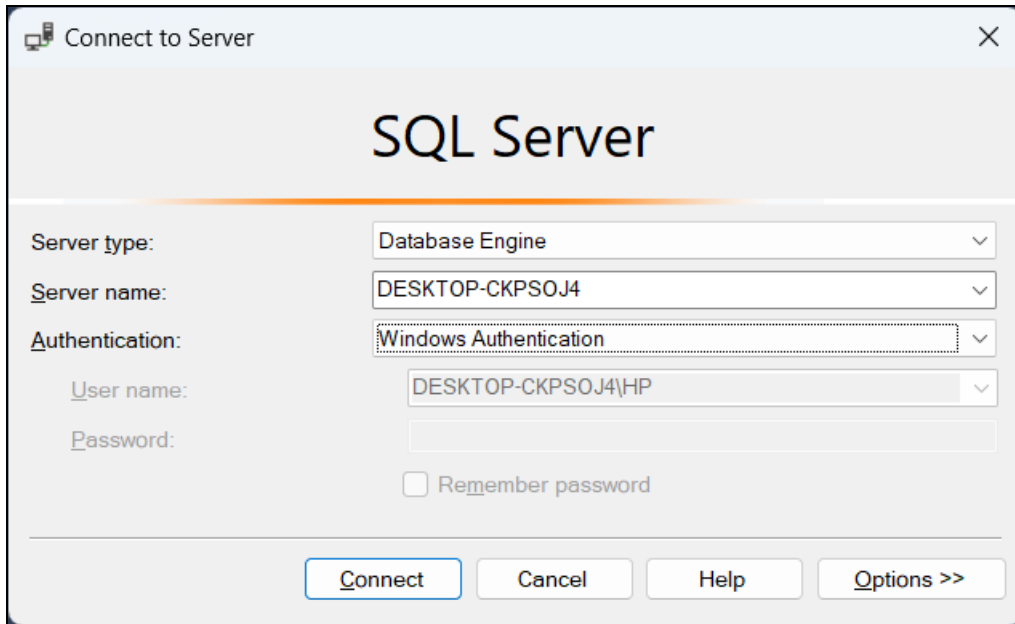
All specified components have been installed successfully.

Close



## Open the SQL Server





Connect to Server

## SQL Server

Server type: Database Engine

Server name: DESKTOP-CKPSOJ4

Authentication: Windows Authentication

User name: DESKTOP-CKPSOJ4\HP

Password:

☐ Remember password

Connect Cancel Help Options >>