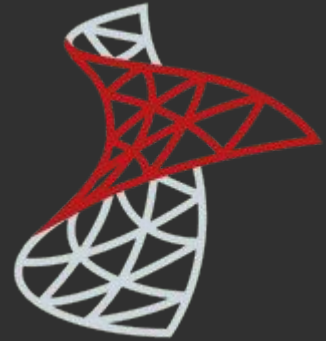




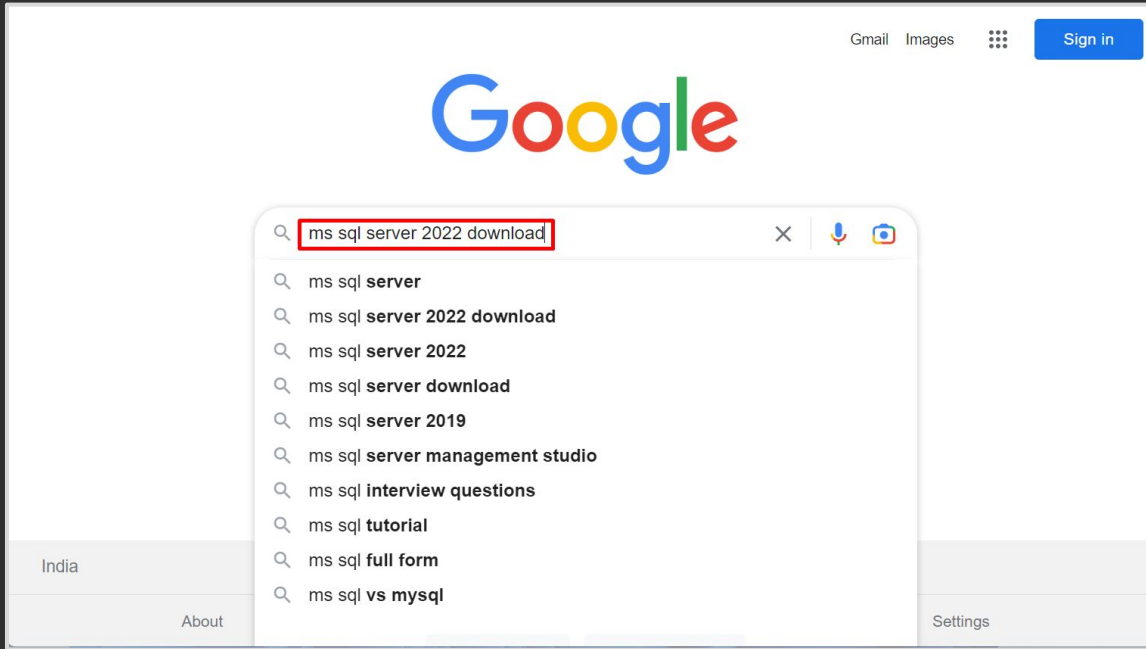
# Microsoft SQL Servers Installation Manual

For Windows

(10 & 11)



## Downloading Setup file from the browser



Step 1 :

- Go to any browser and Type as shown in the screenshot
- 2019 must be typed in place of 2022 for 2019 version of SQL server

SQL Server 2022 Download link : [Click Here](#)

Get started with **Microsoft SQL Server downloads**. ... Introducing **SQL Server 2022**, Azure-enabled with continued performance and security innovation.

[SQL Server 2017](#) · [SQL Server 2016](#) · [SQL Developer Tools](#)



Microsoft

<https://www.microsoft.com> › [en-us](#) › [sql-server-2022](#) ⋮

## SQL Server 2022

Learn about all the latest features in this free **SQL Server 2022** datasheet. **Download** now. **SQL Server 2022** documentation. Dive into the technical details ...

### People also search for



<a href="#">sql server 2022 enterprise download</a>	<a href="#">microsoft sql server download</a>
<a href="#">microsoft sql server 2019 download</a>	<a href="#">sql server 2022 editions</a>
<a href="#">microsoft sql server 2022 release date</a>	<a href="#">sql server management studio</a>

Step 2:

- Choose the appropriate link that would be presented.

Note :

- Make sure the link must be of microsoft website



## SQL Server 2022

The most Azure-enabled release yet, with continued performance, security, and availability innovation.

[Try now >](#)

[▶ Watch video](#)

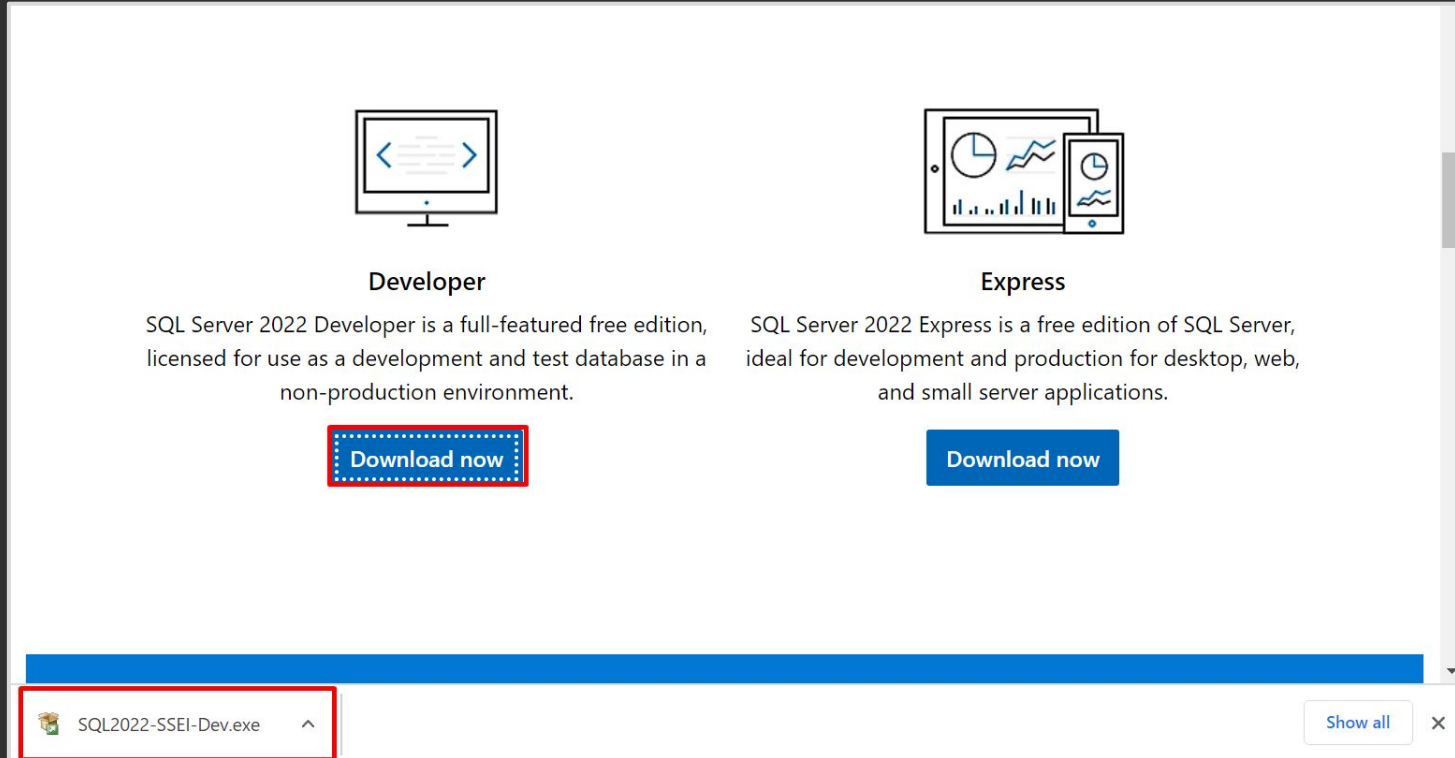
- In this page choose try now option

Note :

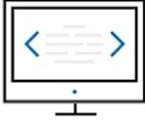
This page is only accessible to those attempting to download the 2022 version.

#### Step 4 :

- Choose Developer edition under free download options that are presented in the website.
- Open the Setup file that will be downloaded after choosing




The screenshot displays the Microsoft SQL Server 2022 download page. It features two main sections: 'Developer' and 'Express'. The 'Developer' section includes an icon of a computer monitor with code symbols, the title 'Developer', a description of it as a full-featured free edition for development and testing, and a 'Download now' button highlighted with a red dashed border. The 'Express' section includes an icon of a tablet and smartphone with charts, the title 'Express', a description of it as a free edition ideal for development and production, and a 'Download now' button. At the bottom, a blue progress bar is visible, and a taskbar at the very bottom shows a file named 'SQL2022-SSEI-Dev.exe' with a red border around it, indicating it has been downloaded.



### Developer

SQL Server 2022 Developer is a full-featured free edition, licensed for use as a development and test database in a non-production environment.

[Download now](#)



### Express

SQL Server 2022 Express is a free edition of SQL Server, ideal for development and production for desktop, web, and small server applications.

[Download now](#)

SQL2022-SSEI-Dev.exe ^

Show all ×

# Setup Package Download and Installation



Step 5 :

- Allow setup to make changes to PC.
- Choose Custom installation option.

SQL Server 2022



# Developer Edition

Specify SQL Server media download target location

MEDIA LOCATION \*:

C:\SQL2022



MINIMUM FREE SPACE

**8494 MB**

DOWNLOAD SIZE

**1188 MB**

Close

< Previous

Install

16.2211.5693.3

Step 6 :

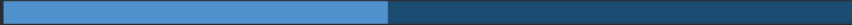
- Make sure there is enough space in default location.
- Select Install Button below.

SQL Server 2022



# Developer Edition

Downloading install package...



Acquiring setup files... 520.143 MB / 1,176.702 MB 39.054 Mbps

Getting Started with SQL Server

Thank you for installing Microsoft SQL Server. If you are connecting to SQL Server from a remote machine, then you need to complete the prerequisites mentioned in the "Before you get started" file located in the Resources folder.

Pause

Cancel

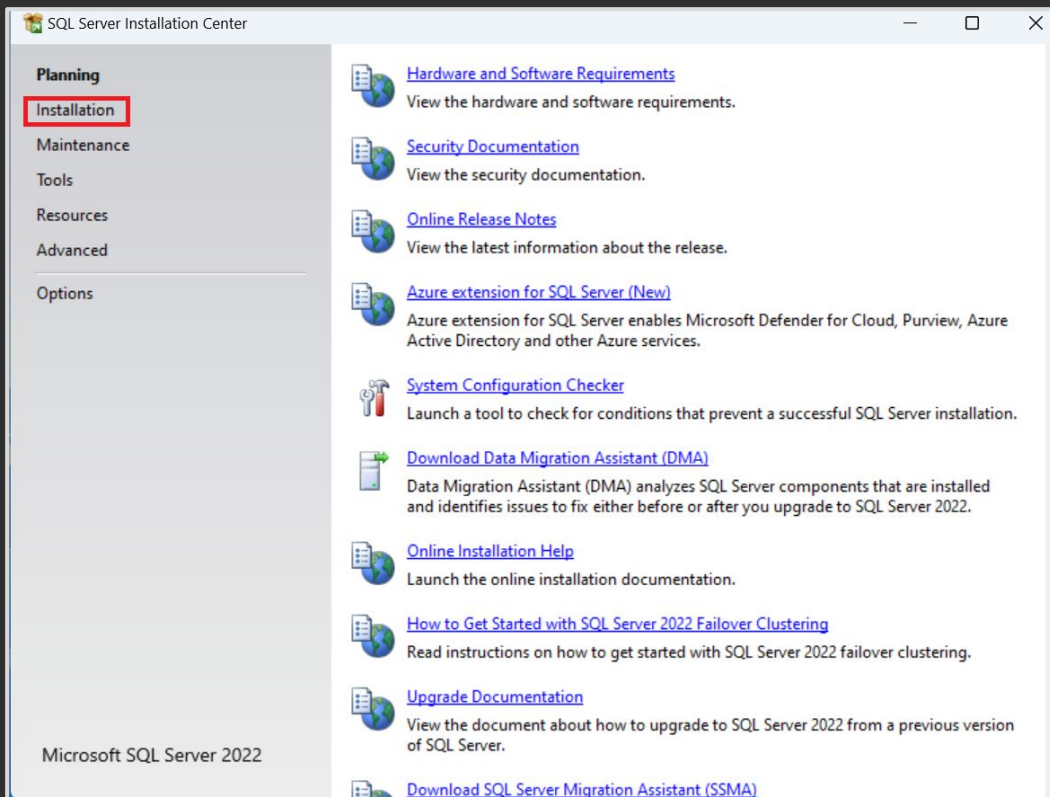
16.2211.5693.3

Note :

SQL Server Installation Center window will open automatically upon completion of installation.

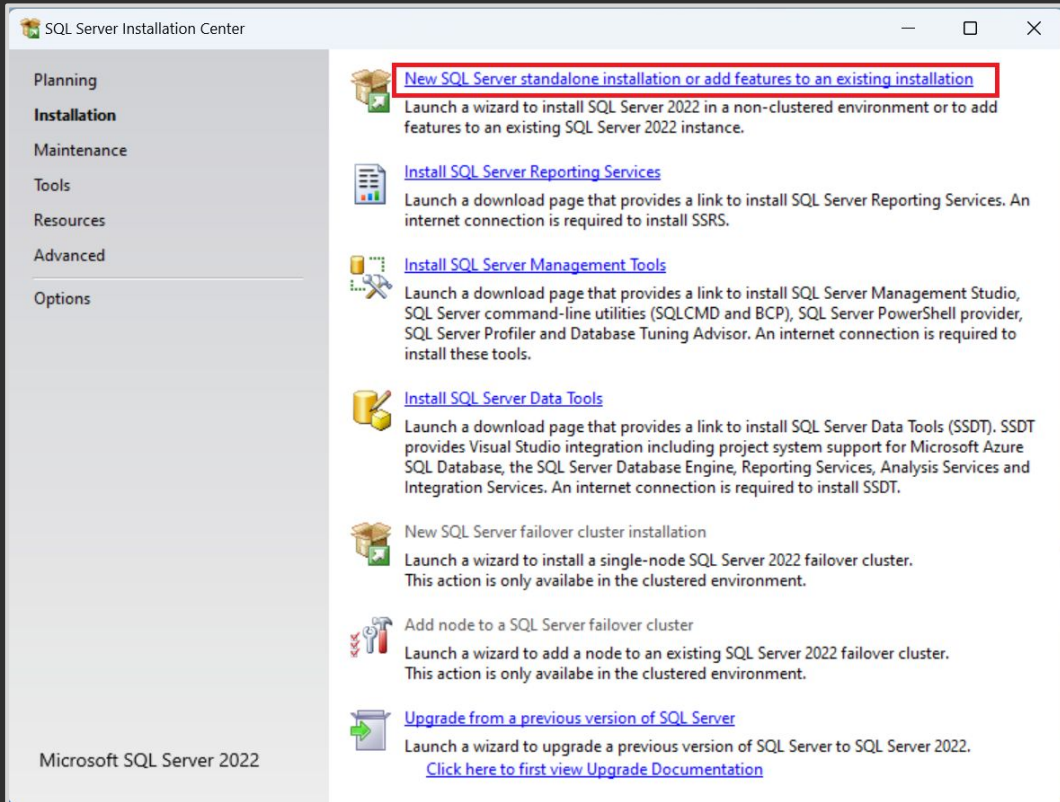


# SQL Server Installation Center



Step 7 :

- Select Installation



Step 8 :

- Select the first option i.e “New SQL Server standard installation or add features to an existing installation”.

Note :

- SQL Server setup window will be opened automatically upon selection
- SQL Server Installation center window will stay open in the background.

SQL Server 2022 Setup

## Edition

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

**Edition**

- License Terms
- Global Rules
- Microsoft Update
- 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

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:

- - - -

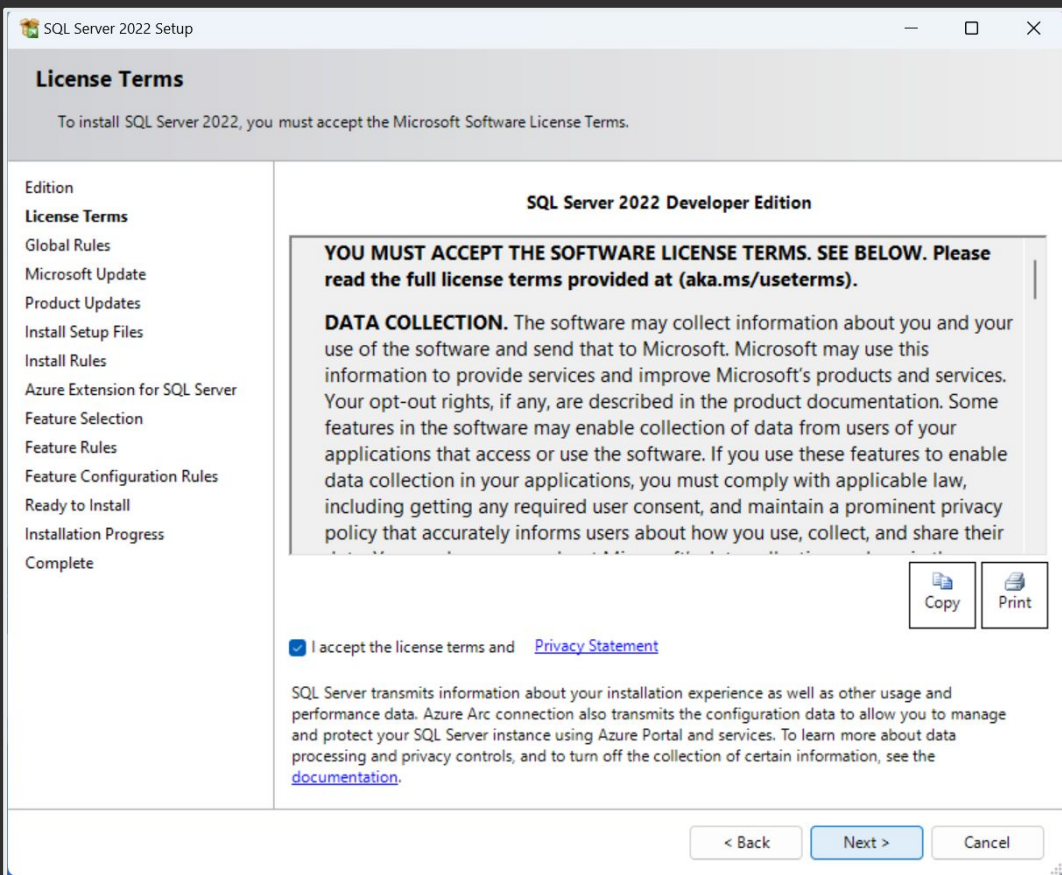
☐ I have a SQL Server license with Software Assurance or SQL Software Subscription

☐ I have a SQL Server license only

< Back Next > Cancel

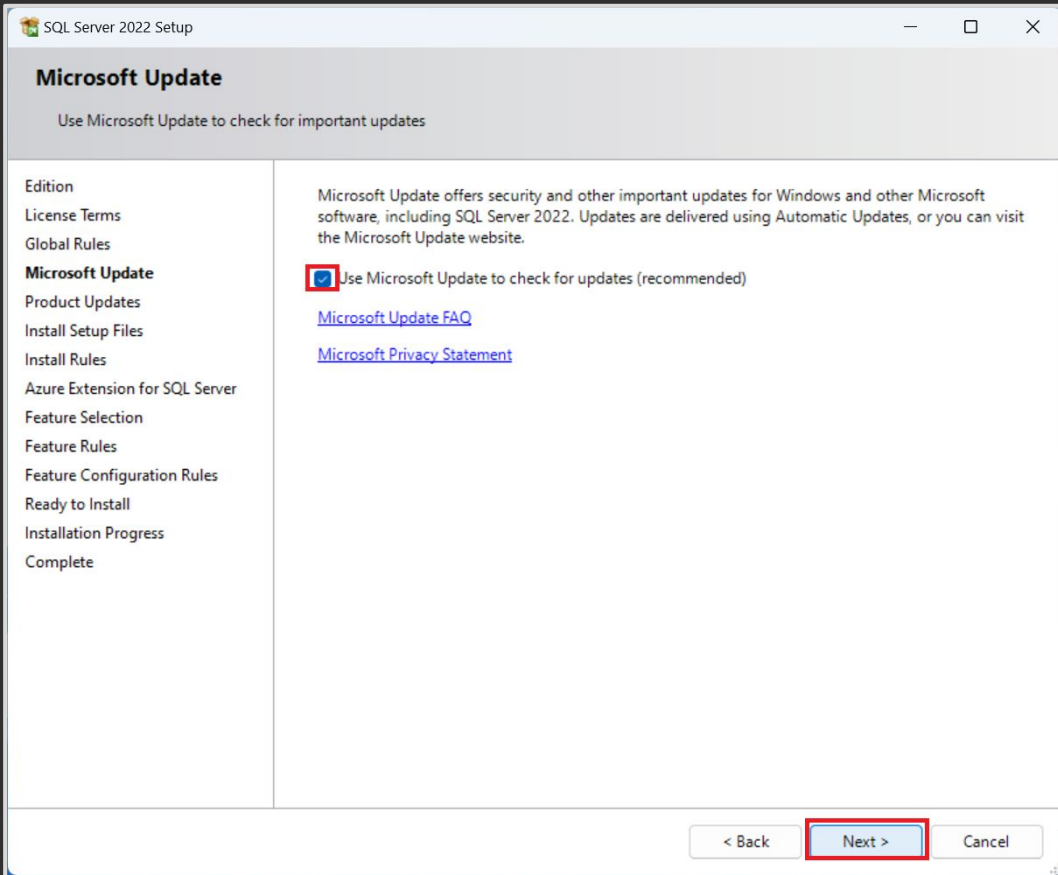
Step 9 :

- Select Developer under “Specify a free edition”.
- Proceed to Select “Next”.



Step 10 :

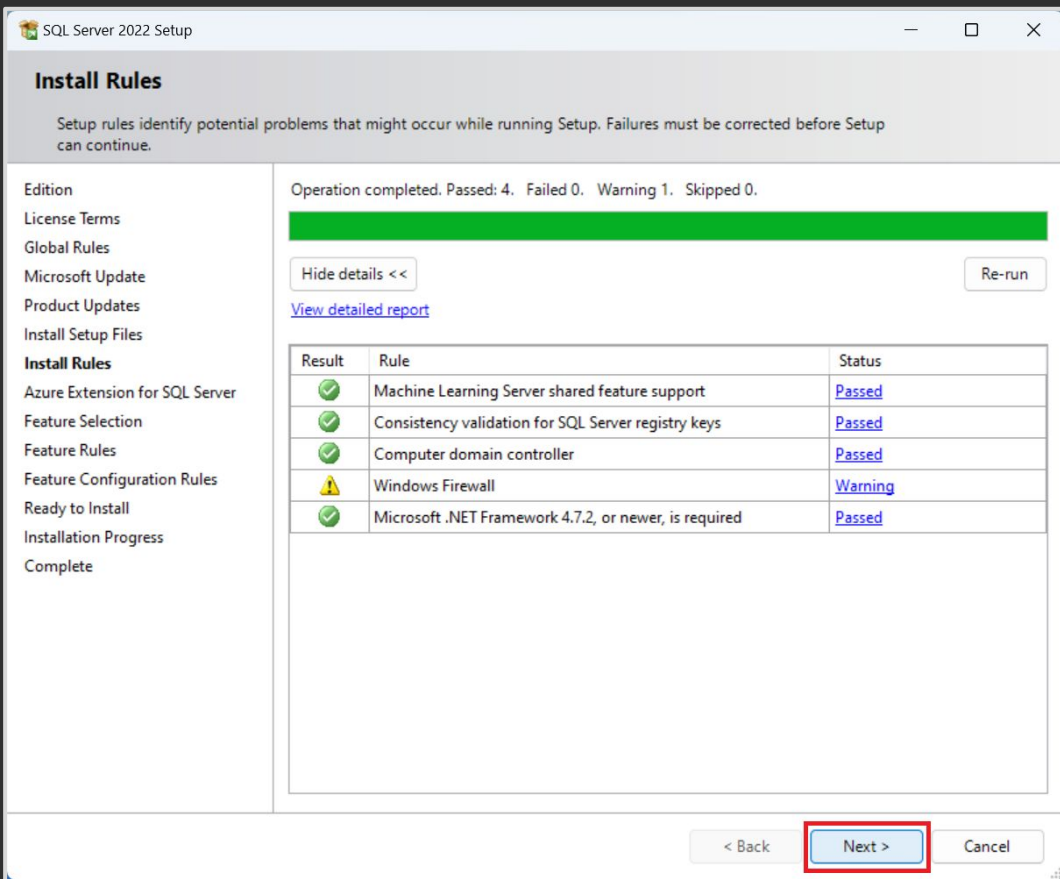
- Accept the terms and condition and proceed to click on next.



Step 11 :

It is Optional :

- Select “Use Microsoft Update to check for updates” checkbox if required.
- Then select “Next”.



Step 12 :

- Ignore the “Windows Firewall” warning.
- Click on “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.

Edition

License Terms

Global Rules

Microsoft Update

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 13 :

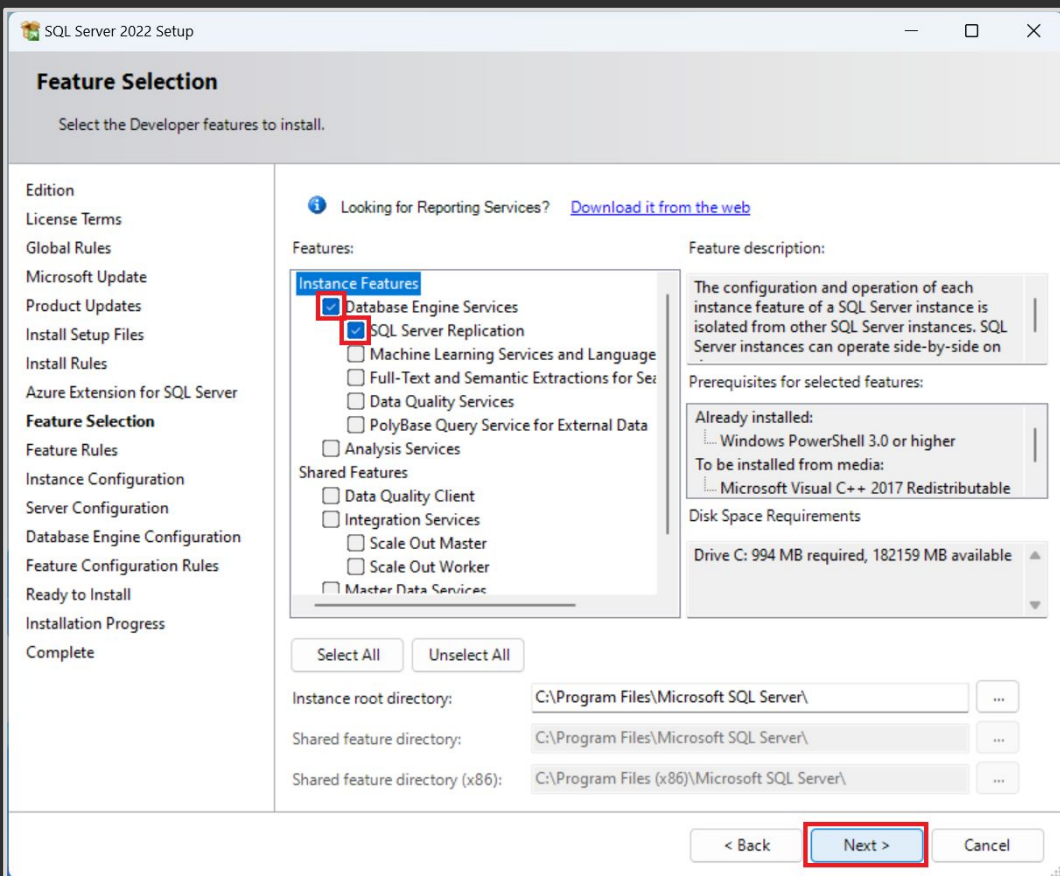
Note :

This Page won't appear for those who are installing SQL server 2019.

SQL Server 2022 :

- Uncheck "Azure Extension for SQL Server"
- Click on "Next"





Step 14 :

- Select “Database Engine Services” and “SQL Server Replication” features under instance features.
- Select “Next”.

Note :

Do not select any other features which may require additional packages



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.

Edition

License Terms

Global Rules

Microsoft Update

Product Updates

Install Setup Files

Install Rules

Azure Extension for SQL Server

Feature Selection

Feature Rules

**Instance Configuration**

Server Configuration

Database Engine Configuration

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.MSSQL

Installed instances:

Instance Name	Instance ID	Features	Edition	Version
---------------	-------------	----------	---------	---------

< Back

**Next >**

Cancel

Step 15 :

- Select the instance type (e.g. "Default instance," "Named instance").
- If "Named instance" is selected, enter the unique name for the instance.
- Select "Next".

SQL Server 2022 Setup

## Server Configuration

Specify the service accounts and collation configuration.

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\SQLAgent\$M...		Manual
SQL Server Database Engine	NT Service\MSSQL\$MSS...		Automatic
SQL Server Browser	NT AUTHORITY\LOCALS...		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

Step 16 :

- Make sure all the options are the same as highlighted in the screenshot.
- Select "Next".

SQL Server 2022 Setup

## Database Engine Configuration

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

Edition  
License Terms  
Global Rules  
Microsoft Update  
Product Updates  
Install Setup Files  
Install Rules  
Azure Extension for SQL Server  
Feature Selection  
Feature Rules  
Instance Configuration  
Server Configuration  
**Database Engine Configuration**  
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

DESKTOP-5LIIR9A\Dell (Dell)

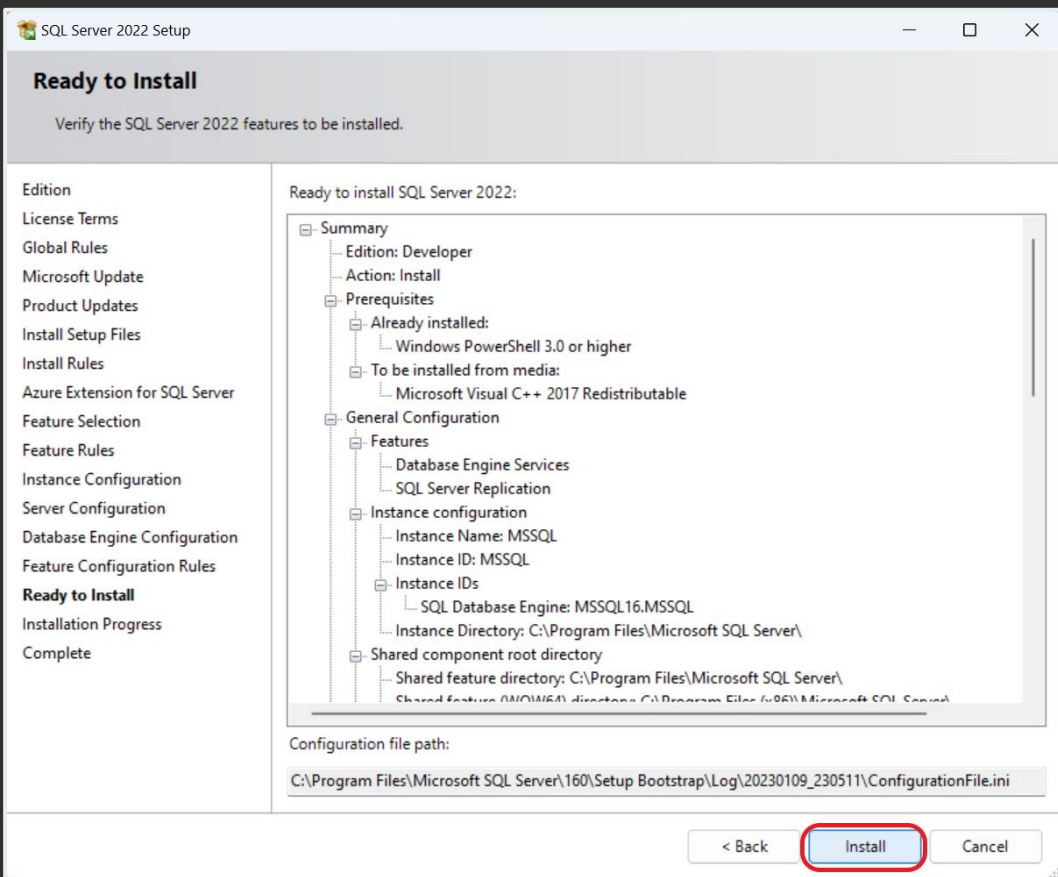
SQL Server administrators have unrestricted access to the Database Engine.

Add Current User Add... Remove

< Back Next > Cancel

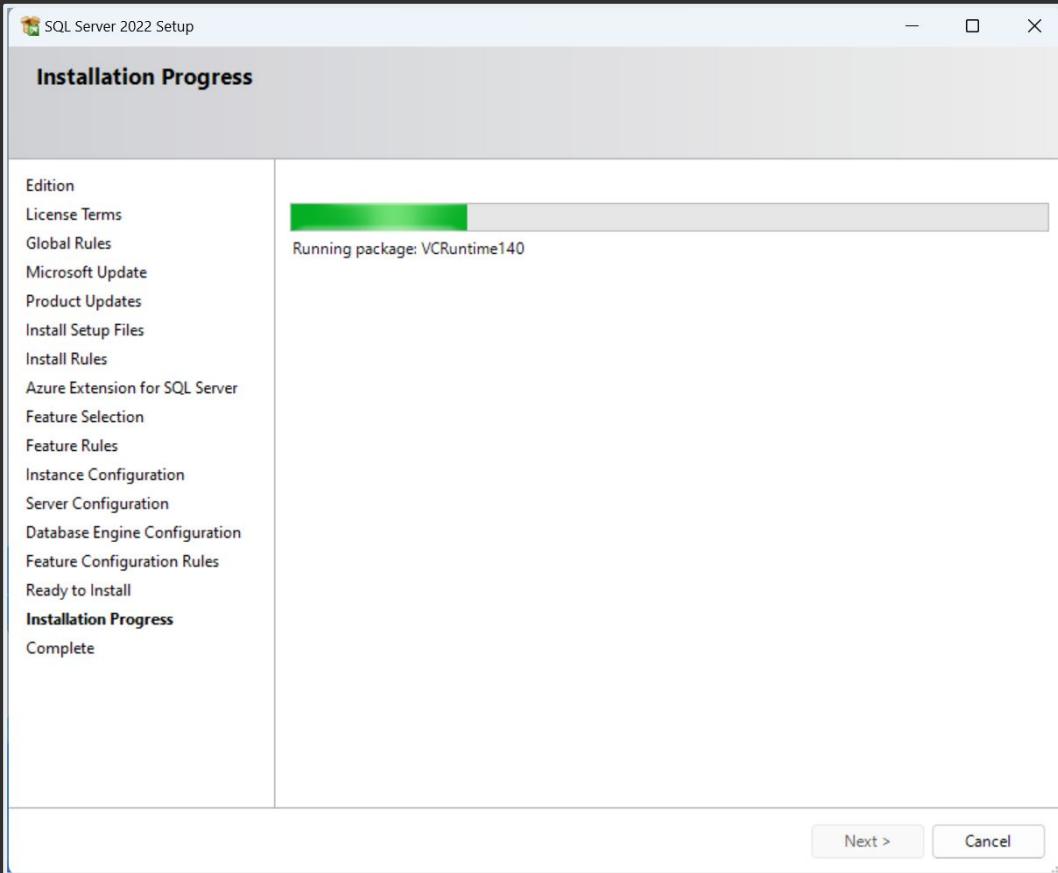
Step 17 :

- Select "Mixed Mode" radio button.
- Create and Confirm a simple password which will be used later to connect with Database.
- Select "Add Current User".
- Select "Next".



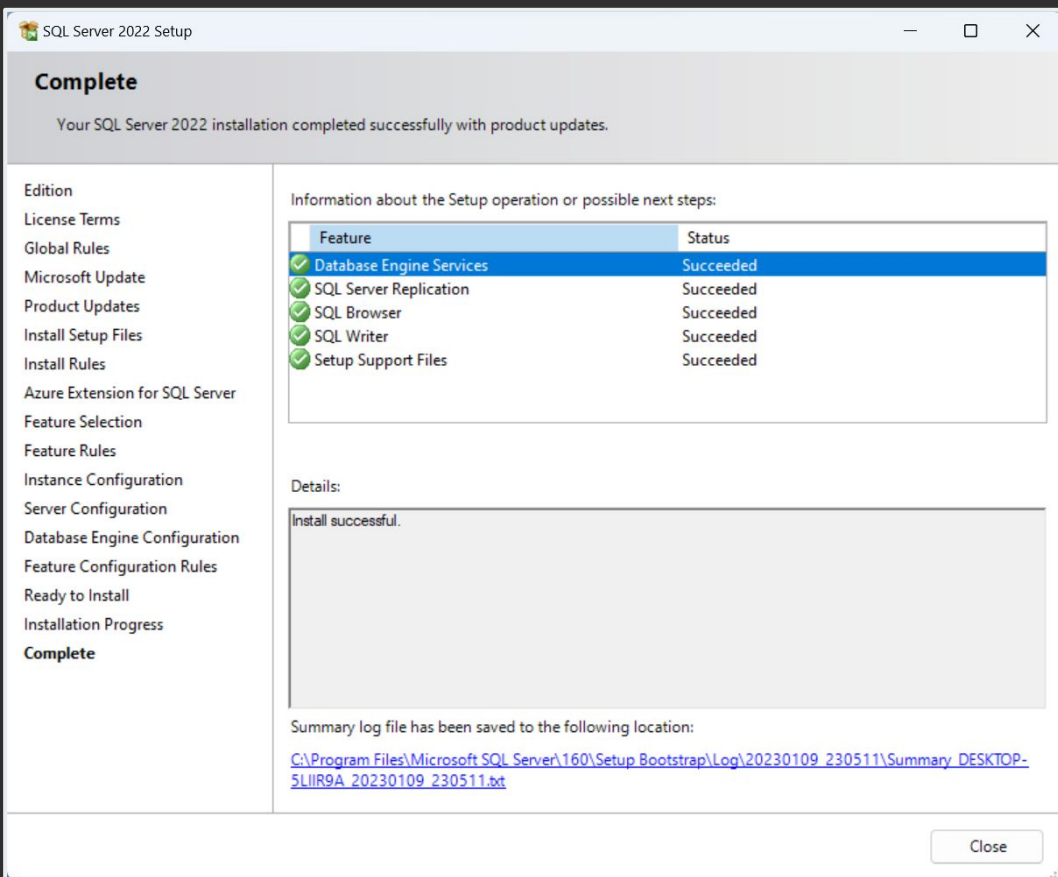
Step 18 :

- Select “Install” button.



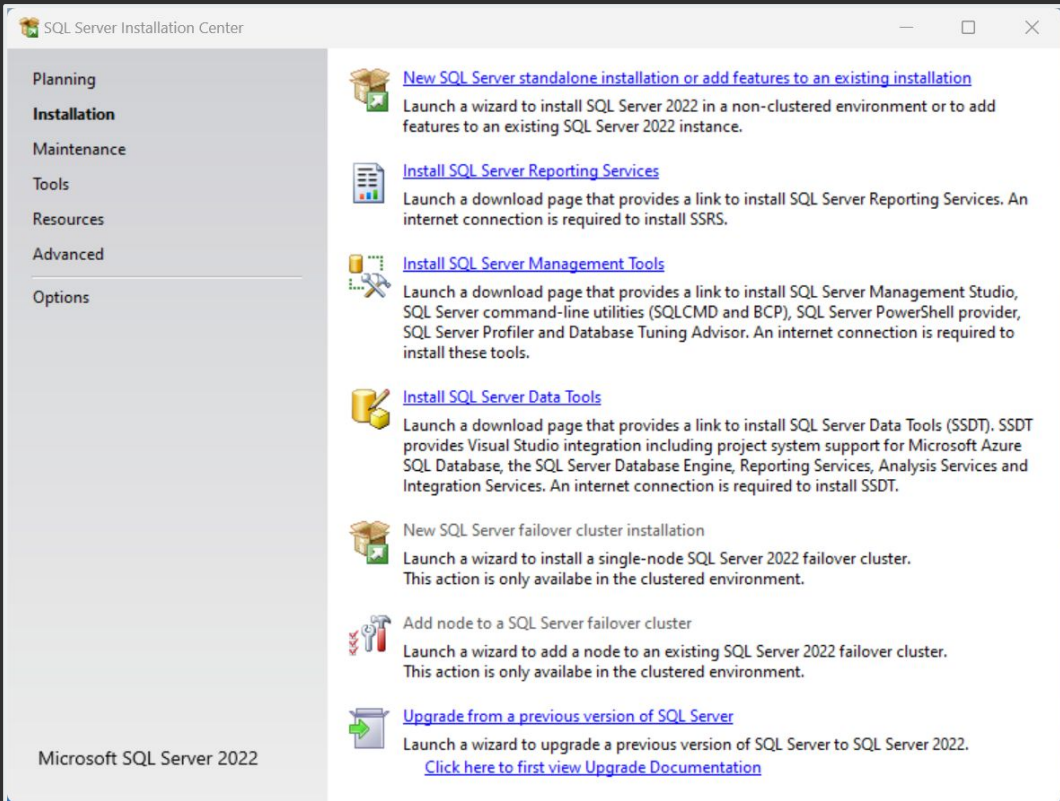
Note :

The Server will be installed in this page.



Note :

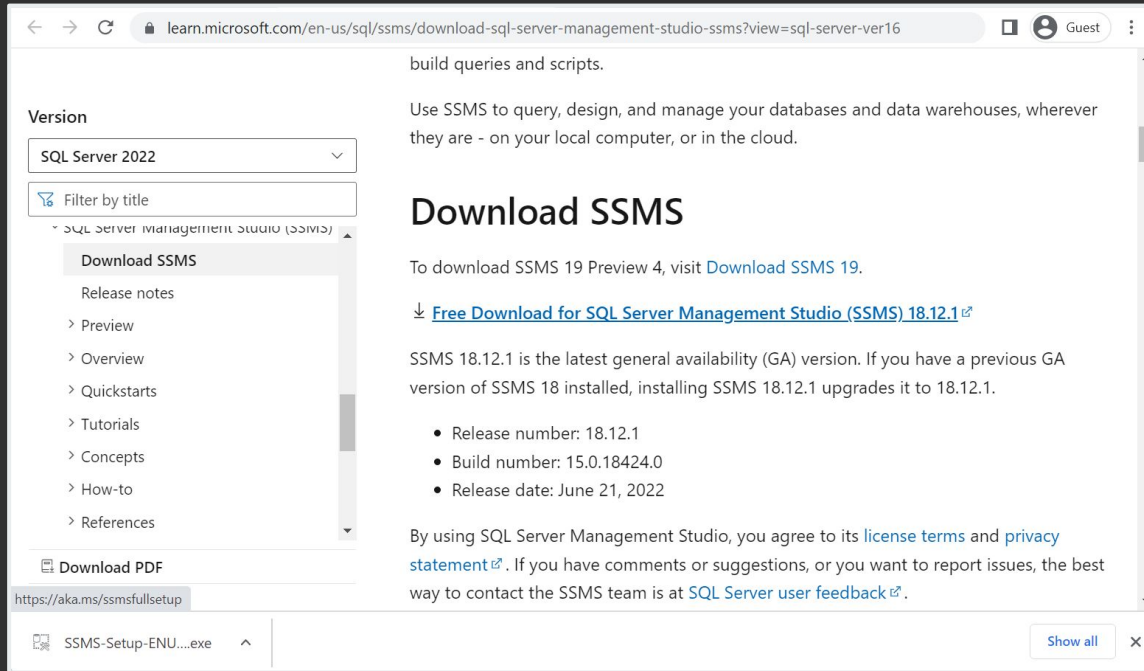
After Installation is successful. Proceed to close this window.



Step 19 :

- Now Click on install SQL Server Management Tools
- It will take you to SSMS Website

# SQL Server Management Studio (SSMS) Installation



Step 1 :

- Once you are on this page, click on [Free Download for SQL Server Management Studio \(SSMS\)](#)
- Your SSMS will start downloading (Size 677 MB)

SSMS Download Link :- [Click Here](#)





RELEASE 18.12.1

## Microsoft SQL Server Management Studio with Azure Data Studio

Welcome. Click "Install" to begin.

Location:

C:\Program Files (x86)\Microsoft SQL Server Management Studio 18

Change

By clicking the "Install" button, I acknowledge that I accept the [Privacy Statement](#) and the License Terms for [SQL Server Management Studio](#) and [Azure Data Studio](#)

SQL Server Management Studio transmits information about your installation experience, as well as other usage and performance data, to Microsoft to help improve the product. To learn more about data processing and privacy controls, and to turn off the collection of this information after installation, see the [documentation](#)

Install

Close

Step 2 :

- Once your Download is complete you can now open the file.
- It will ask for admin permission Just click on 'Yes'.
- And then you will get these page.
- Here you have to click on install.
- It will start installing



RELEASE 18.12.1

## Microsoft SQL Server Management Studio with Azure Data Studio

Package Progress



Visual Studio 2017 Isolated Shell for SSMS

Overall Progress



Cancel

Step 3 :

- This page will come after you click on install and once the overall progress is complete your SSMS Installation is Done.



RELEASE 18.12.1

## Microsoft SQL Server Management Studio with Azure Data Studio

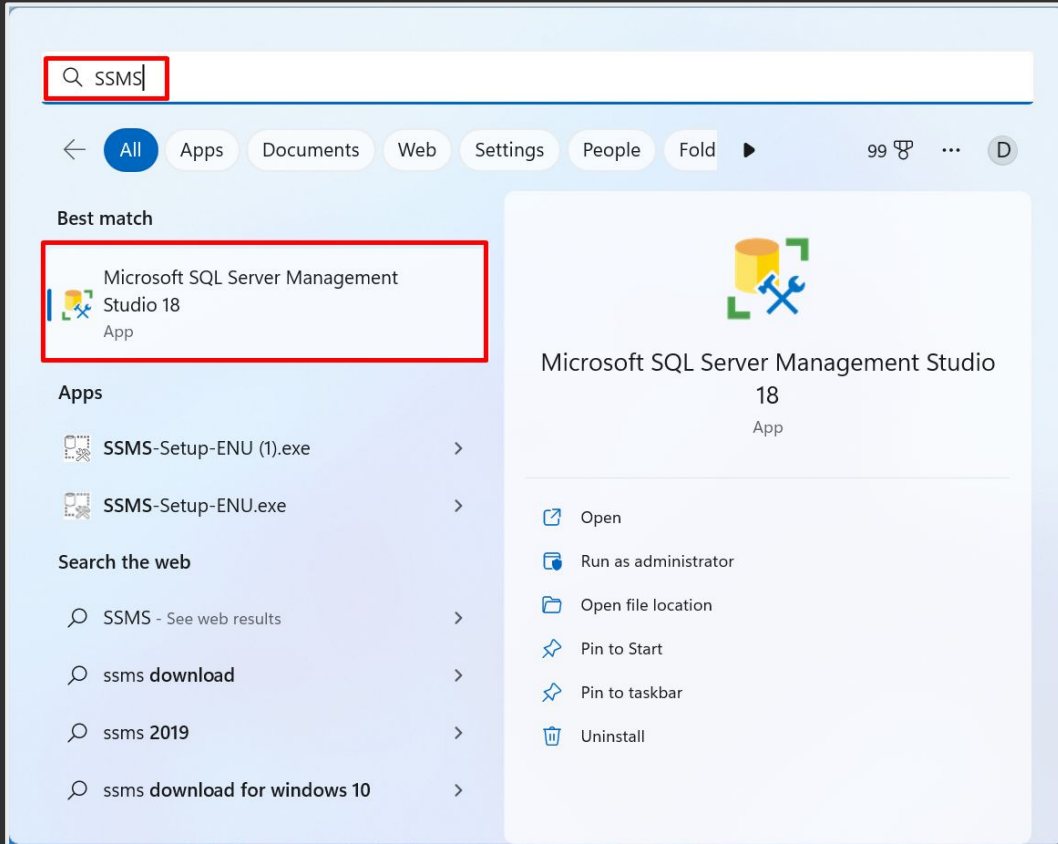
### Setup Completed

All specified components have been installed successfully.

Close

Step 4 :

- Once you get a close option you can close the page.
- If you got a 'RESTART' option next to Close you can restart your PC.



Step 5 :

- After Closing SSMS Installation page or after restarting your PC.
- You can now search SSMS in your Windows Search Bar.
- And now Click on ' Microsoft SQL Server Management Studio.

The image shows the splash screen of Microsoft SQL Server Management Studio (SSMS). It features a dark gray rectangular area in the center with white text. The background of the entire image is a light blue gradient with abstract, flowing blue shapes at the top and bottom. The text on the splash screen reads: "Microsoft" in a small font, "SQL Server Management Studio" in a large font, "v18.12.1" in a small font, and "© 2022 Microsoft. All rights reserved." in a small font.

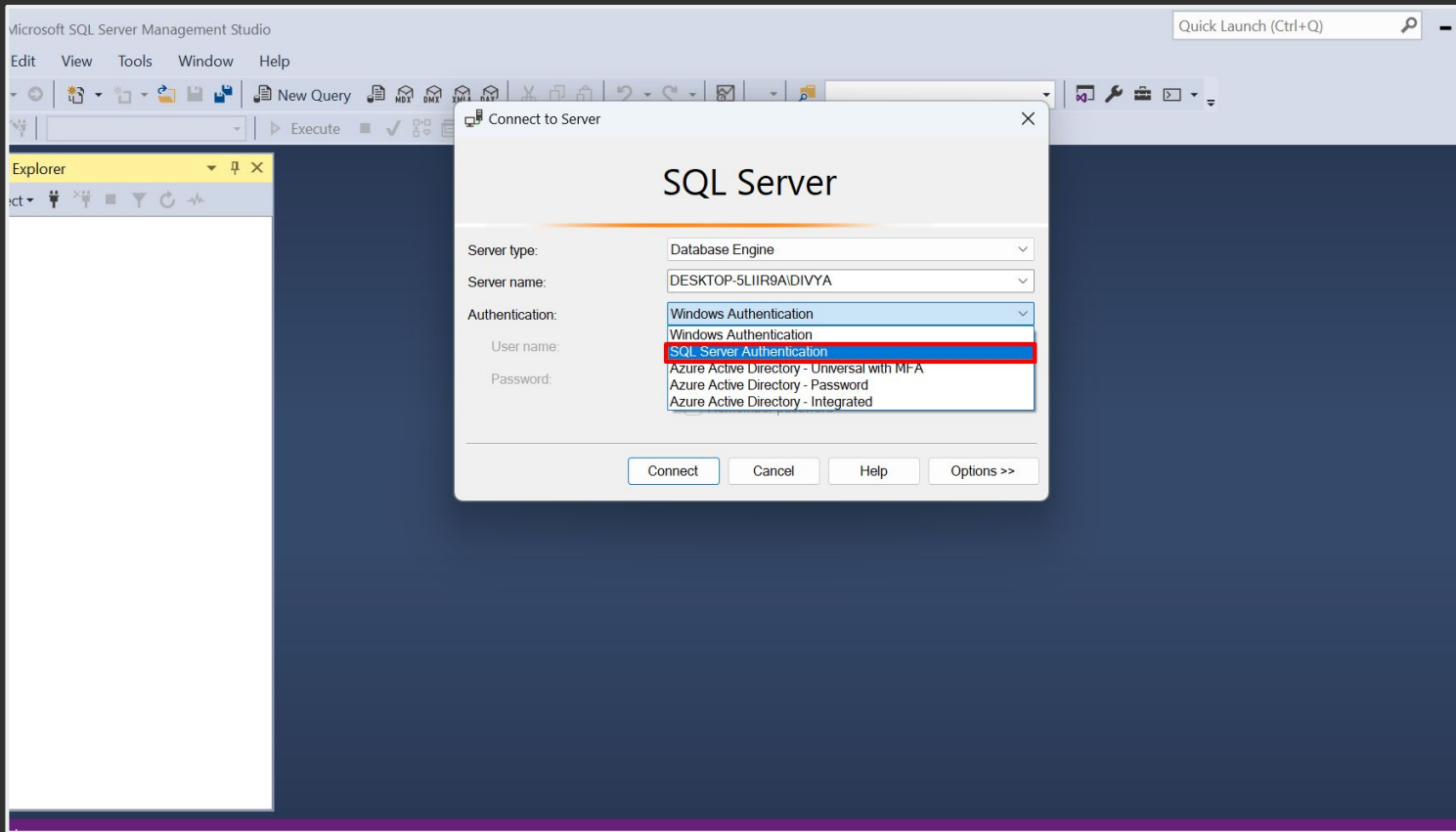
# Microsoft SQL Server Management Studio

v18.12.1

© 2022 Microsoft.  
All rights reserved.

Note :

This window will appear while SSMS opens up in the background.



Step 6 :

- Change to “SQL Server Authentication” from “Windows Authentication” under Authentication.

Connect to Server

# SQL Server

Server type: Database Engine

Server name: DESKTOP-5LIIR9A\MSSQL

Authentication: SQL Server Authentication

Login: sa

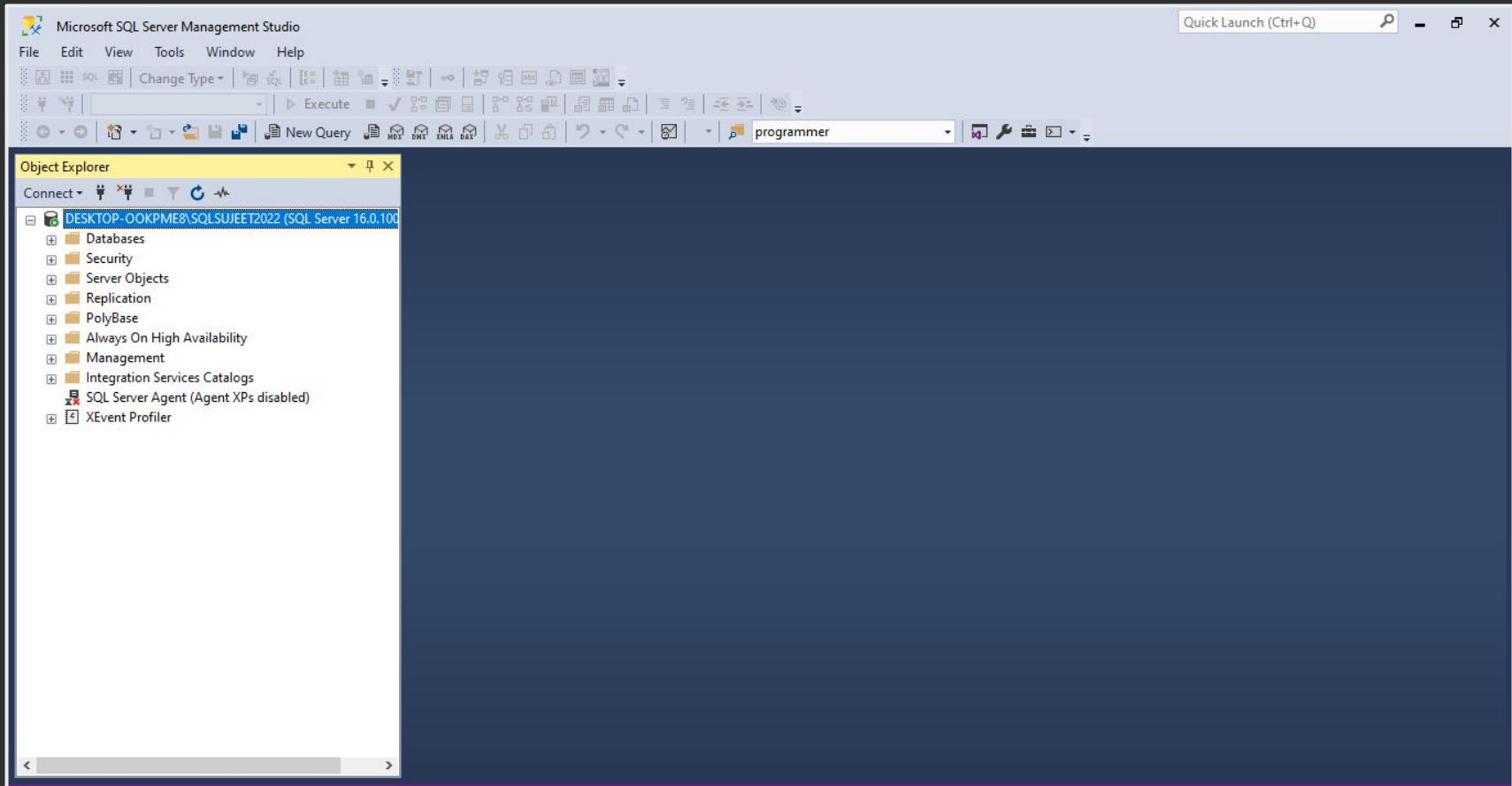
Password: \*\*\*

☒ Remember password

Connect Cancel Help Options >>

Step 7 :

- Type "sa" under Login (which means System administrator)
- Write the password that you created during Server installation.
- Click on "Connect"



- Once Installation and connection is complete you can start writing queries from here



# Thank You

Your installation is Complete