



Tramigo M1FE Installation

Version 1.0



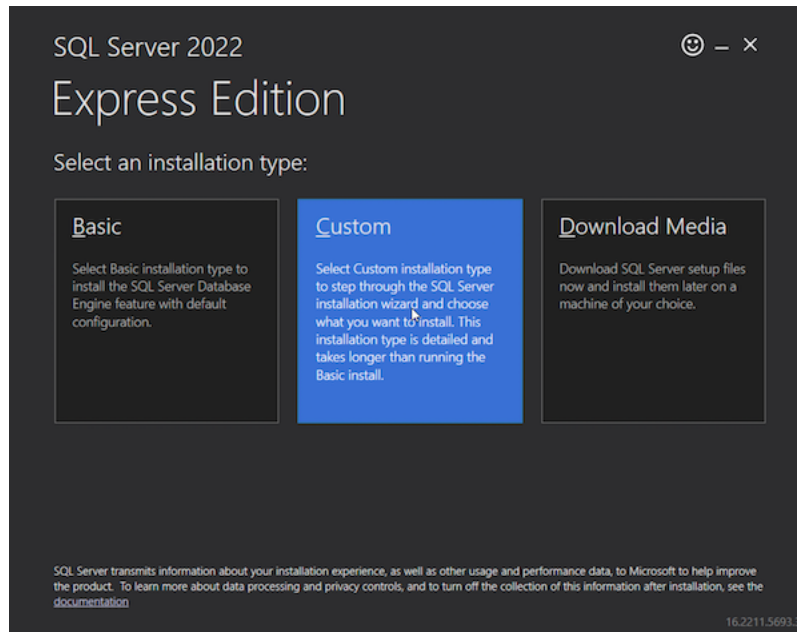
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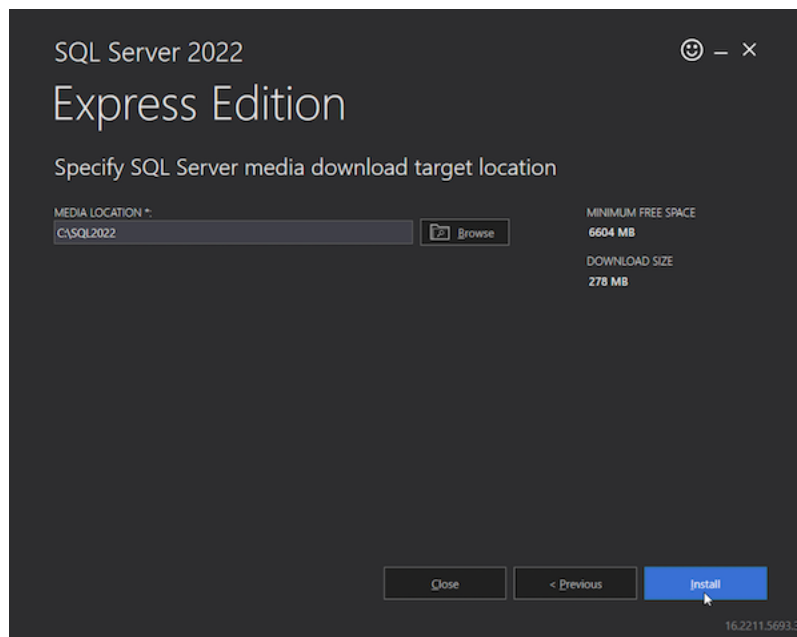


Install Database

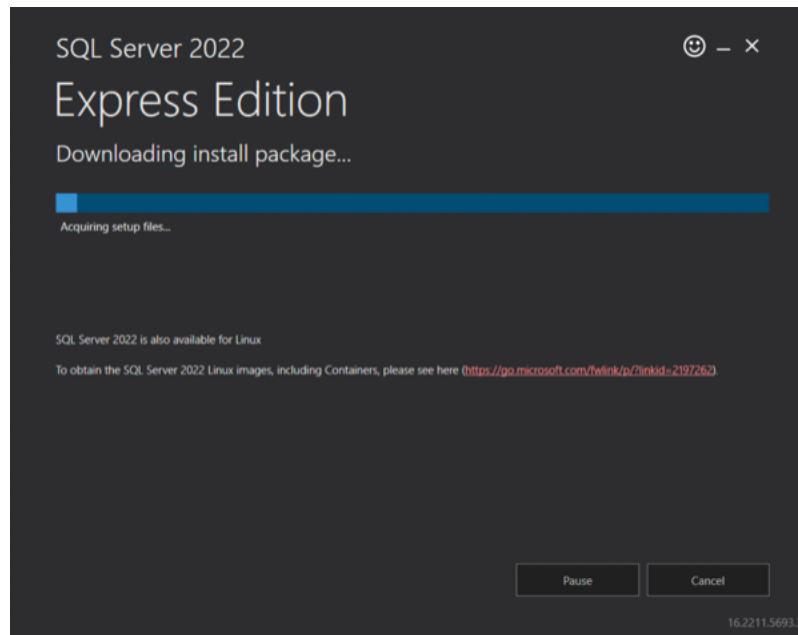
Download and install the latest [SQL Server](https://www.microsoft.com/en-us/download/details.aspx?id=104781) (<https://www.microsoft.com/en-us/download/details.aspx?id=104781>) from Microsoft.



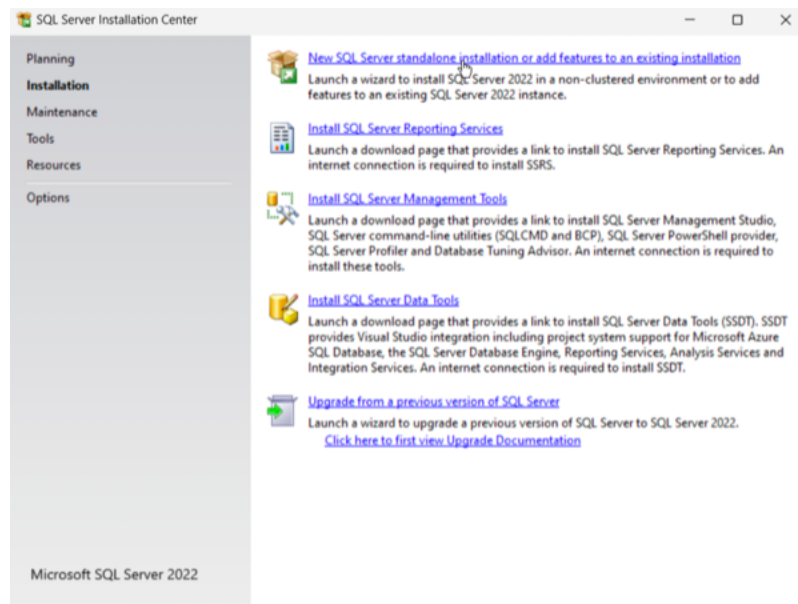
Click on Custom



Select download location for installer files



Wait for setup files to finish downloading



Select New SQL Server Standalone Installation...



SQL Server 2022 Setup

Microsoft Update

Use Microsoft Update to check for important updates

Global Rules

Microsoft Update

Product Updates

Install Setup Files

Install Rules

Installation Type

License Terms

Azure Extension for SQL Server

Feature Selection

Feature Rules

Feature Configuration Rules

Installation Progress

Complete

Microsoft Update offers security and other important updates for Windows and other Microsoft software, including SQL Server 2022. Updates are delivered using Automatic Updates, or you can visit the Microsoft Update website.

☒ Use Microsoft Update to check for updates (recommended)

[Microsoft Update FAQ](#)

[Microsoft Privacy Statement](#)

< Back **Next >** Cancel

Tick checkbox to check for updates

SQL Server 2022 Setup

Install Setup Files

If an update for SQL Server Setup is found and specified to be included, the update will be installed.

Global Rules

Microsoft Update

Product Updates

Install Setup Files

Install Rules

Installation Type

License Terms

Azure Extension for SQL Server

Feature Selection

Feature Rules

Feature Configuration Rules

Installation Progress

Complete

Task	Status
Scan for product updates	Completed
Download Setup files	Skipped
Extract Setup files	Skipped
Install Setup files	Skipped

< 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.

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

Verify all rules passed

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
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
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

Select Perform a new installation of SQL Server if another installation was detected



SQL Server 2022 Setup

License Terms

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

- Global Rules
- Microsoft Update
- Product Updates
- Install Setup Files
- Install Rules
- Installation Type
- 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
- Installation Progress
- Complete

SQL Server 2022 Express Edition

YOU MUST ACCEPT THE SOFTWARE LICENSE TERMS. SEE BELOW. Please read the full license terms provided at (aka.ms/useterms).

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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

Accept license

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
- License Terms
- Azure Extension for SQL Serv...**
- 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
- 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

Unlick Azure Extension



SQL Server 2022 Setup

Feature Selection

Select the Express features to install.

Global Rules
Microsoft Update
Product Updates
Install Setup Files
Install Rules
Installation Type
License Terms
Azure Extension for SQL Server
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Feature Configuration Rules
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
 - ☐ PolyBase Query Service for External Data
 - ☐ Shared Features
 - ☐ LocalDB
 - ☐ 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 MPI v10

Disk Space Requirements

Drive C: 1840 MB required, 87917 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

Keep default selection. Make sure Database Engine Services is checked

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.

Global Rules
Microsoft Update
Product Updates
Install Setup Files
Install Rules
Installation Type
License Terms
Azure Extension for SQL Server
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Feature Configuration Rules
Installation Progress
Complete

☒ Default instance

☐ Named instance: * MSSQLSERVER

Instance ID: MSSQLSERVER

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

Installed instances:

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

< Back Next > Cancel

Select default instance

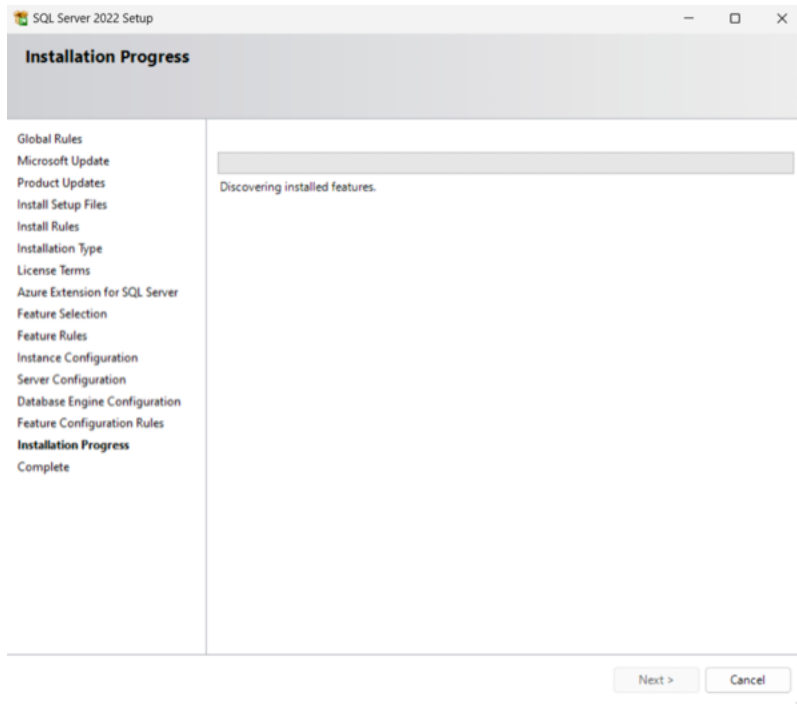


Service	Account Name	Password	Startup Type
SQL Server Database Engine	NT Service\MSSQLSTR...		Automatic
SQL Server Launchpad	NT Service\MSSQLLaunc...		Automatic
SQL Full-text Filter Daemon Launc...	NT Service\MSSQLFDLa...		Manual
SQL Server Browser	NT AUTHORITY\LOCALS...		Disabled

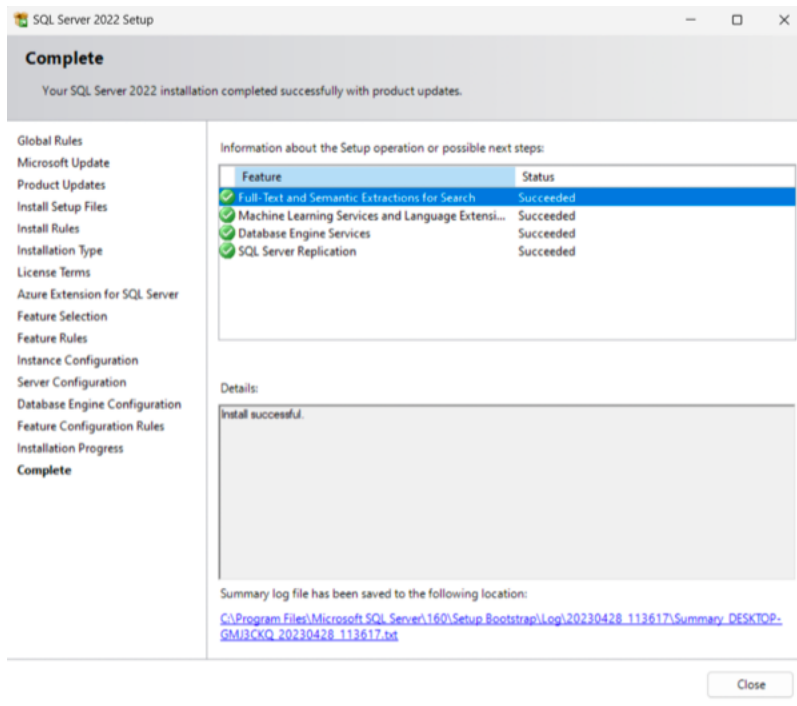
Keep default SQL Server configuration

DESKTOP-GMUCKCK\tramigo (tramigo)

Select mixed mode and enter a password for the System Adminsitrator (SA) Account

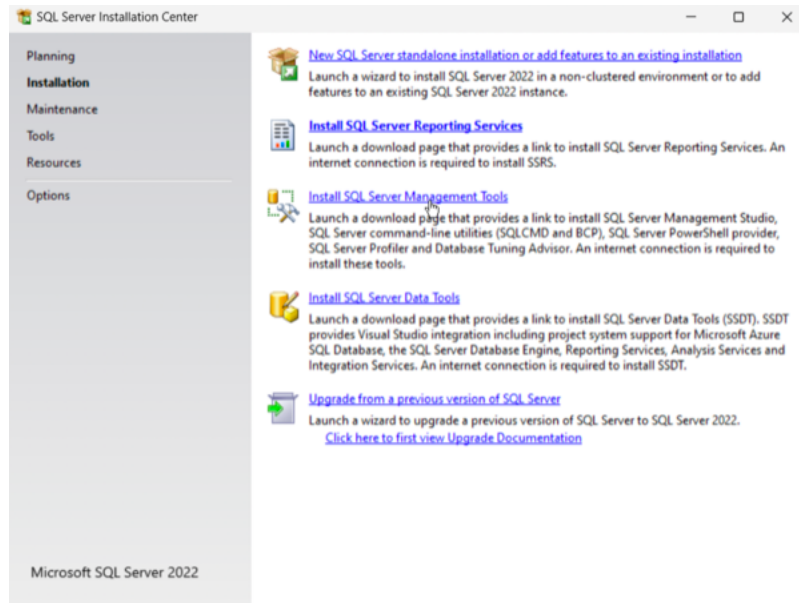


Wait for installation to finish

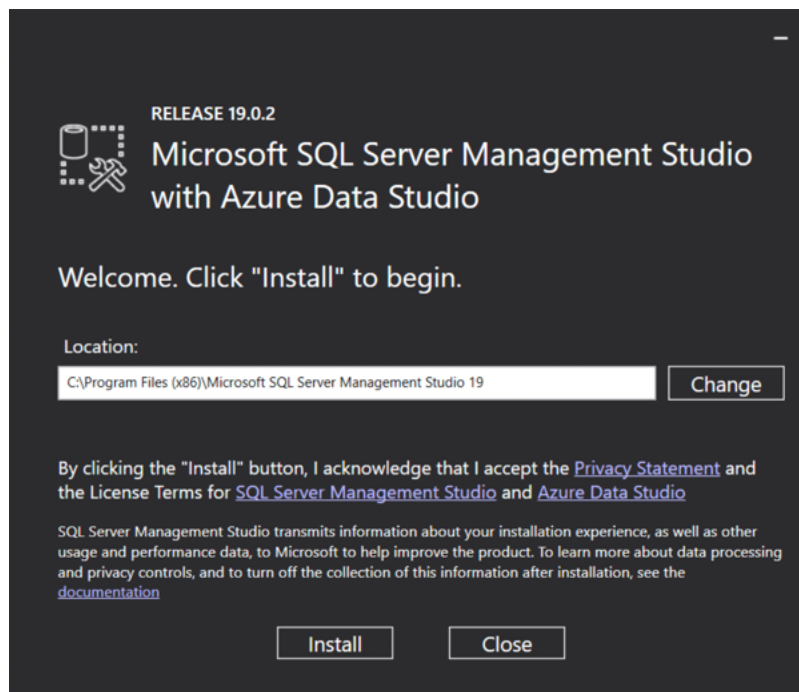




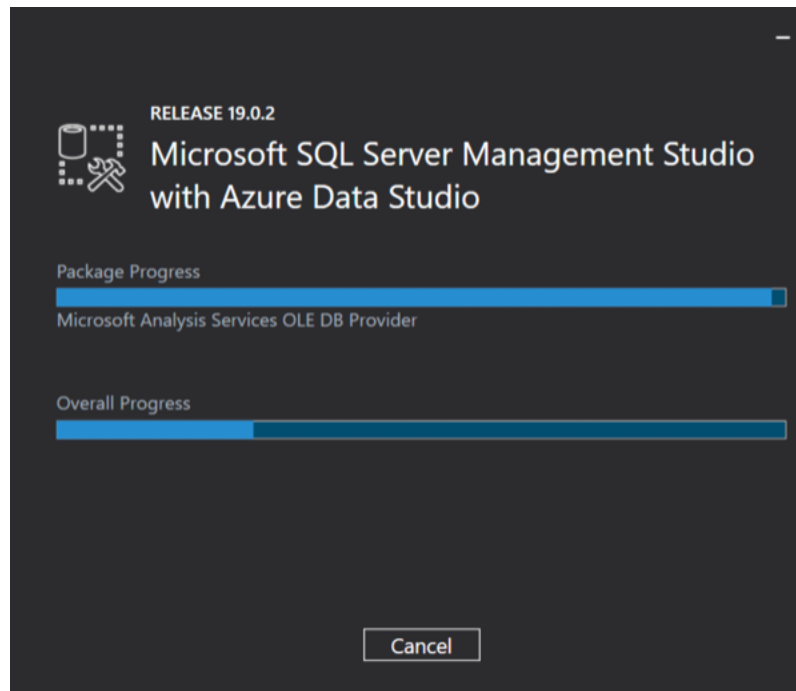
Install SQL Server Management Tools



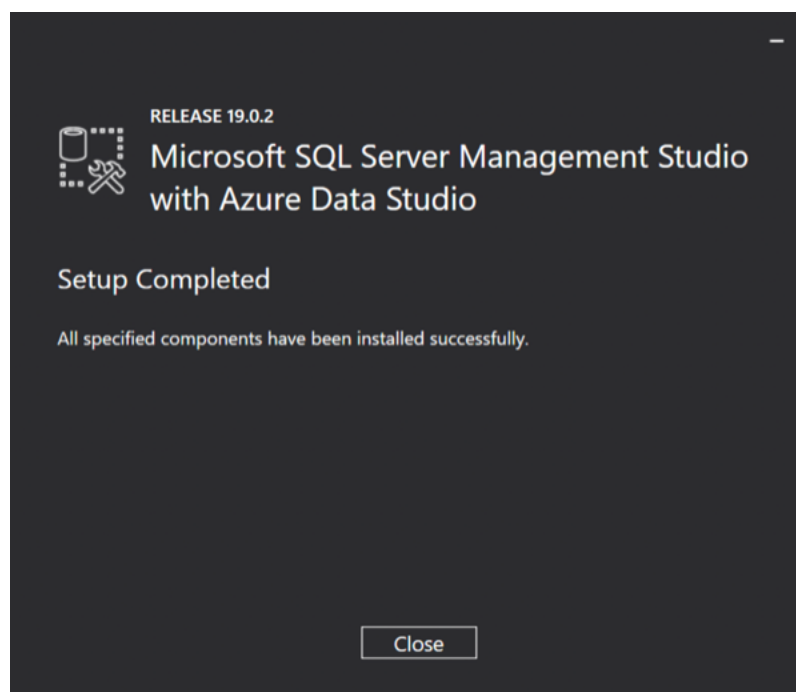
Install SQL Server Management Tools



Click Install



Wait for installation to finish





Install Tramigo M1FE

Download and run the latest installer for [Tramigo M1FE](http://m1fleet.com/files/m1fe5) (<http://m1fleet.com/files/m1fe5>)

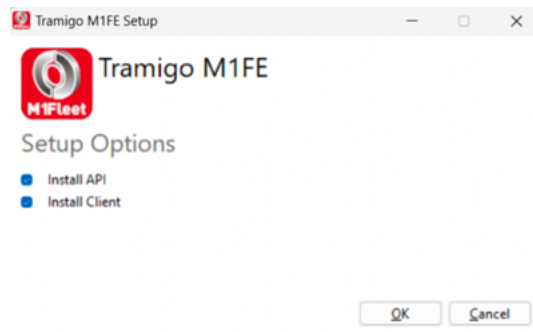
If prompted by Microsoft Defender on Windows 10 or later, you can click on **More info** and **Run Anyway** to proceed with the installation.



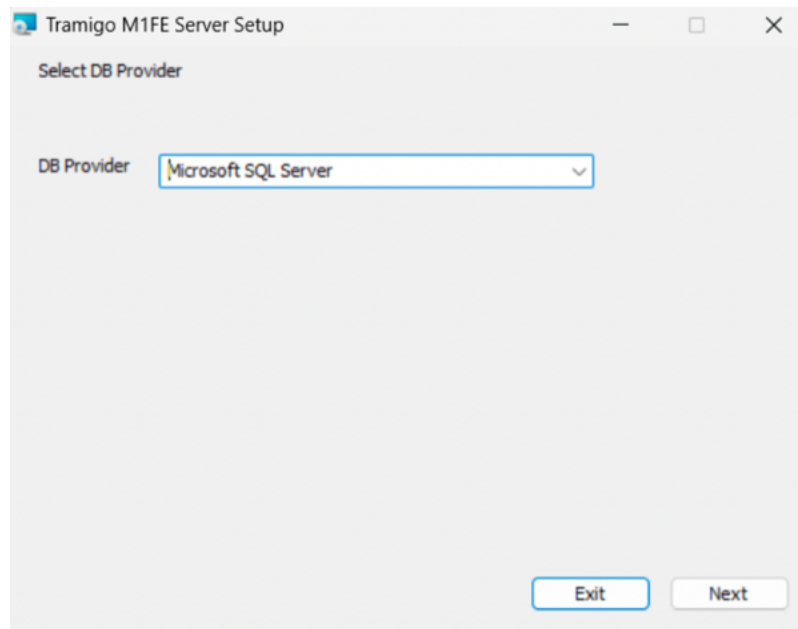
Accept the license agreement. Click on **Options** to customize feature installation



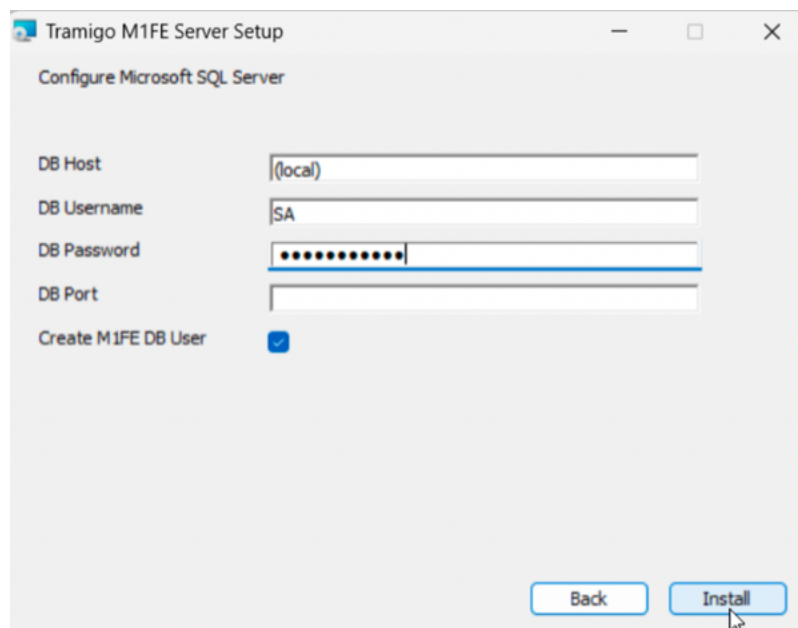
Customize Feature Installation



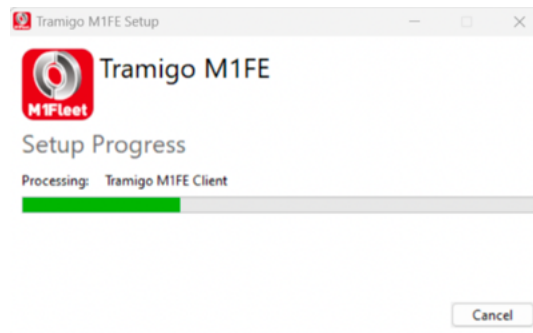
- Check `Install API` to install server side services
- Check `Install Client` to install the M1FE Client app



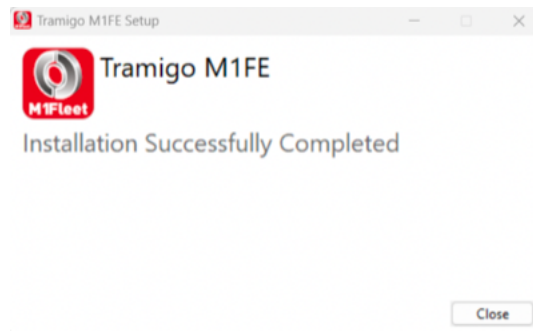
When installing API, a prompt is displayed to select the database provider. Select Microsoft SQL Server



Enter the DB Password used for SA. Keep all other parameters and click Install.



Wait for installation to finish





Tramigo M1FE Client

After installing client app, you should find the Tramigo M1FE shortcut in the Desktop.

Login to the Tramigo M1FE application using the default username admin and password admin.





Device Gateway

GPRS Server

Install Tramigo M1 Fleet Enterprise GPRS Server to allow Tramigo devices to report to the server through data connection. The GPRS Server gateways is listening in the port 9566 by default.

Message Server

Install Tramigo M1 Fleet Enterprise Message Server to allow Tramigo devices to report to the server through SMS. You need a GSM modem connected to the server to allow the Message Server to send or receive SMS.