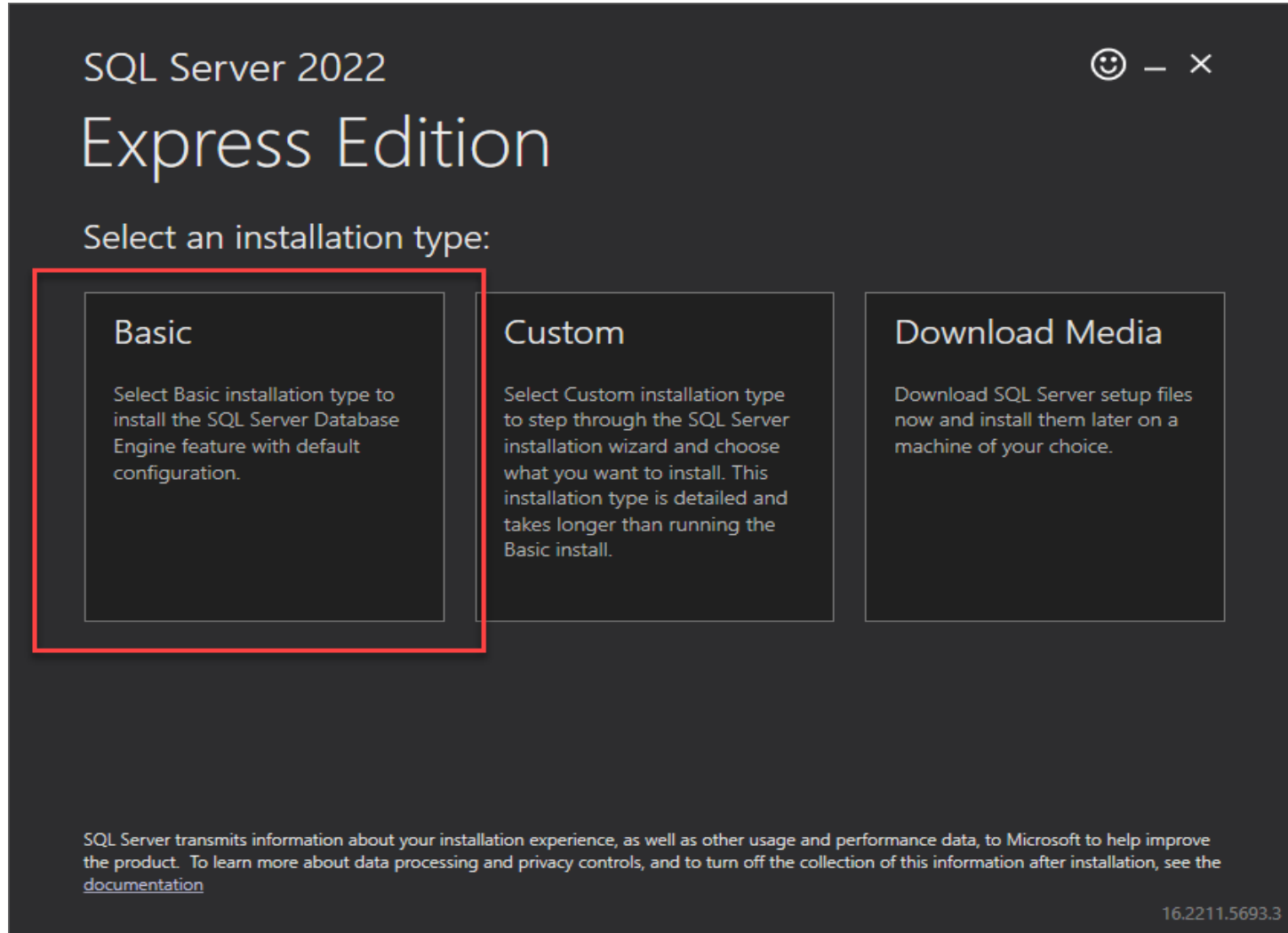


Installation et configuration sql server 2022

Install SQL Server 2022 Express



Install SQL Server 2022 Express

2

SQL Server 2022 Express Edition

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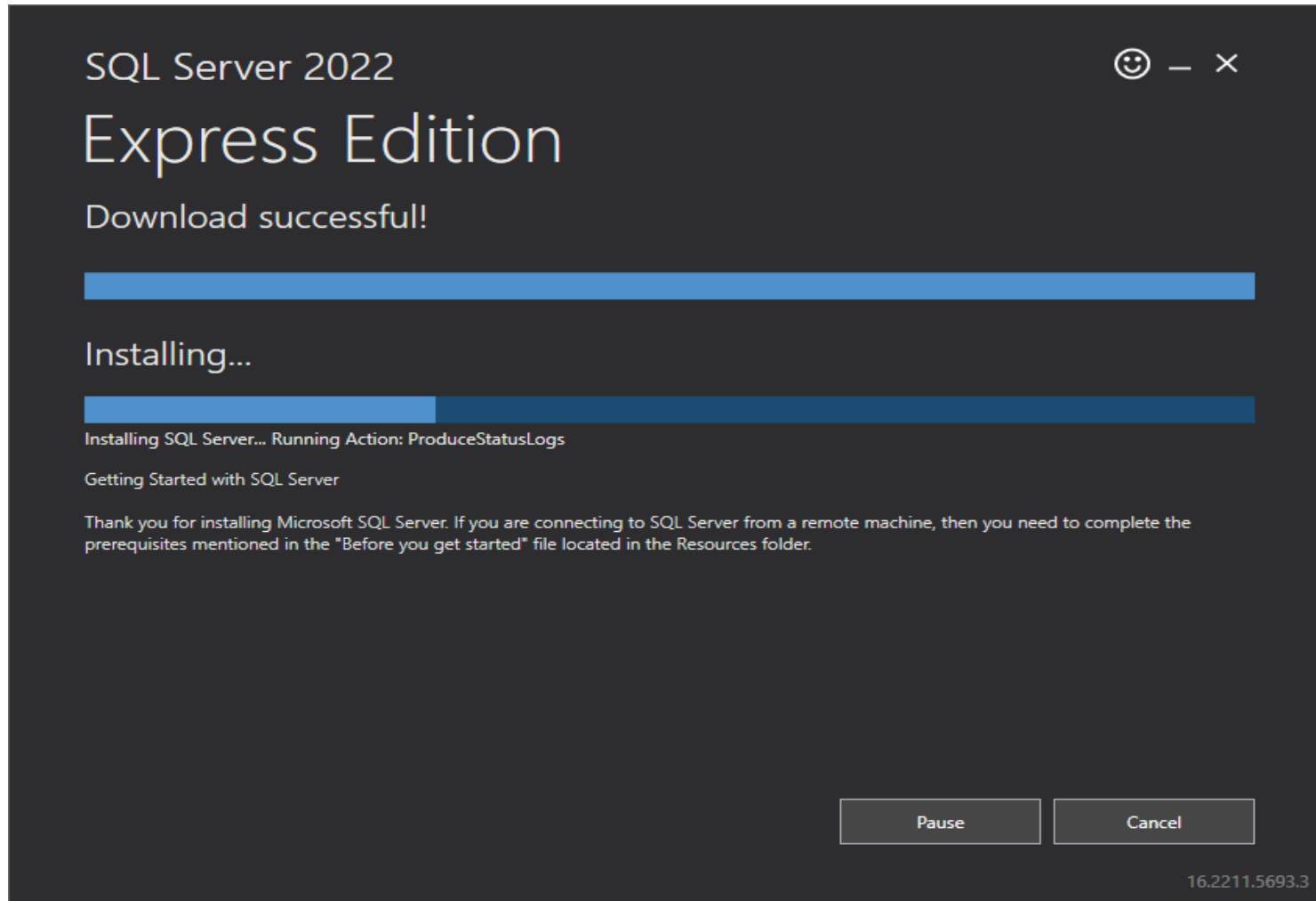
By clicking the "Accept" button, I acknowledge that I accept the License Terms and [Privacy Statement](#)

< Previous

Accept

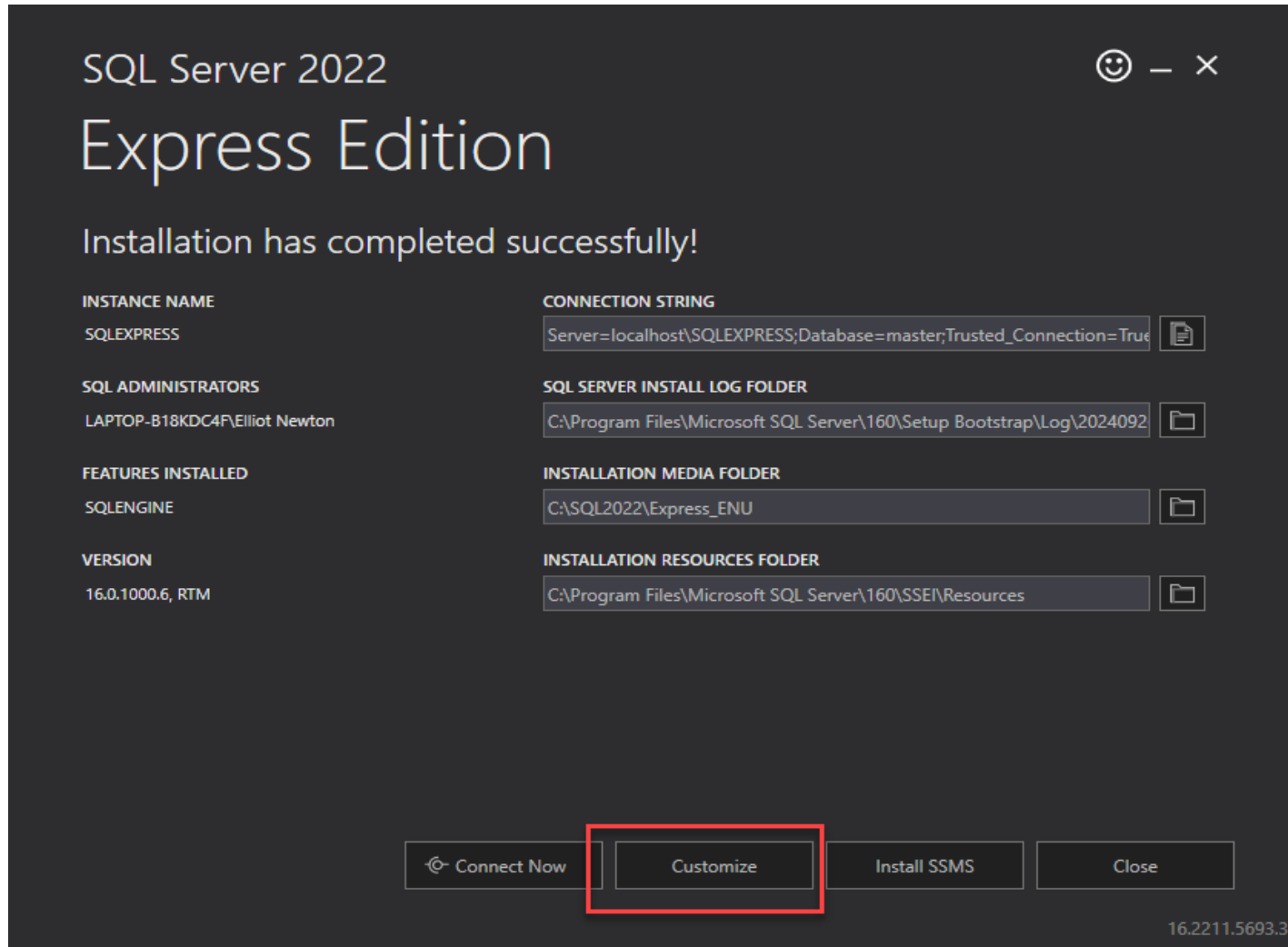
16.2211.5693.3

Install SQL Server 2022 Express



Install SQL Server 2022 Express

4



Install SQL Server 2022 Express

SQL Server 2022 Setup

Product Updates

Always install the latest updates to enhance your SQL Server security and performance.

- Global Rules
- 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

☒ Include SQL Server product updates

Checking for updates...

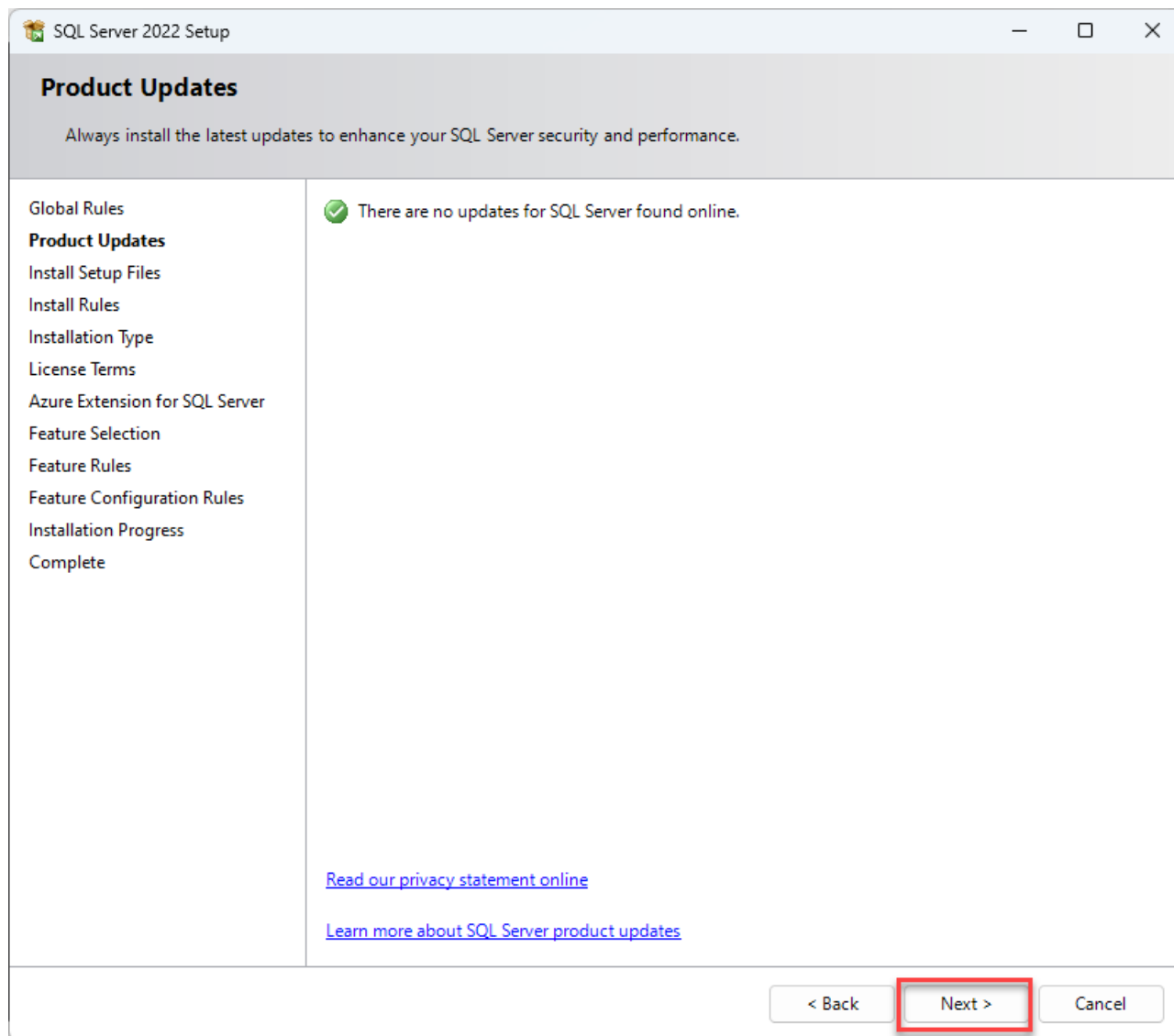
Skip Scan

[Read our privacy statement online](#)

[Learn more about SQL Server product updates](#)

< Back Next > Cancel

Install SQL Server 2022 Express



Install SQL Server 2022 Express

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
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

Install SQL Server 2022 Express

SQL Server 2022 Setup

Installation Type

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

☒ 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
SQLEXPRESS
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
---------------	-------------	----------	---------	---------

< Back **Next >** Cancel

Install SQL Server 2022 Express

SQL Server 2022 Setup

License Terms

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

- Global Rules
- 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

SQL Server 2022 Express Edition

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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

Install SQL Server 2022 Express

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.

☐ 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

Install SQL Server 2022 Express

SQL Server 2022 Setup

Feature Selection

Select the Express features to install.

- Global Rules
- 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

Features:

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

Instance Features

☒ Database Engine Services

☒ SQL Server Replication

Shared Features

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

Disk Space Requirements

Drive C: 994 MB required, 234481 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

Install SQL Server 2022 Express

SQL Server 2022 Setup

Feature Selection

Select the Express features to install.

- Global Rules
- 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

Shared Features

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

Disk Space Requirements

Drive C: 994 MB required, 234480 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

Install SQL Server 2022 Express

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

Installed instances:

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

< Back Next > Cancel

Install SQL Server 2022 Express

SQL Server 2022 Setup

Server Configuration

Specify the service accounts and collation configuration.

Global Rules
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

Service Accounts Collation

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

Service	Account Name	Password	Startup Type
SQL Server Database Engine	NT Service\MSSQLSERVER		Automatic
SQL Server Browser	NT AUTHORITY\LOCALS...		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

Install SQL Server 2022 Express

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.

- Global Rules
- 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

Server Configuration | Data Directories | TempDB | Memory | User Instances | 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

LAPTOP-B18KDC4F\Elliot Newton (Elliot Newton)

SQL Server administrators have unrestricted access to the Database Engine.

Add Current User Add... Remove

< Back Next > Cancel

Install SQL Server 2022 Express

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.

- Global Rules
- 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

Server Configuration | Data Directories | TempDB | Memory | User Instances | 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 _____

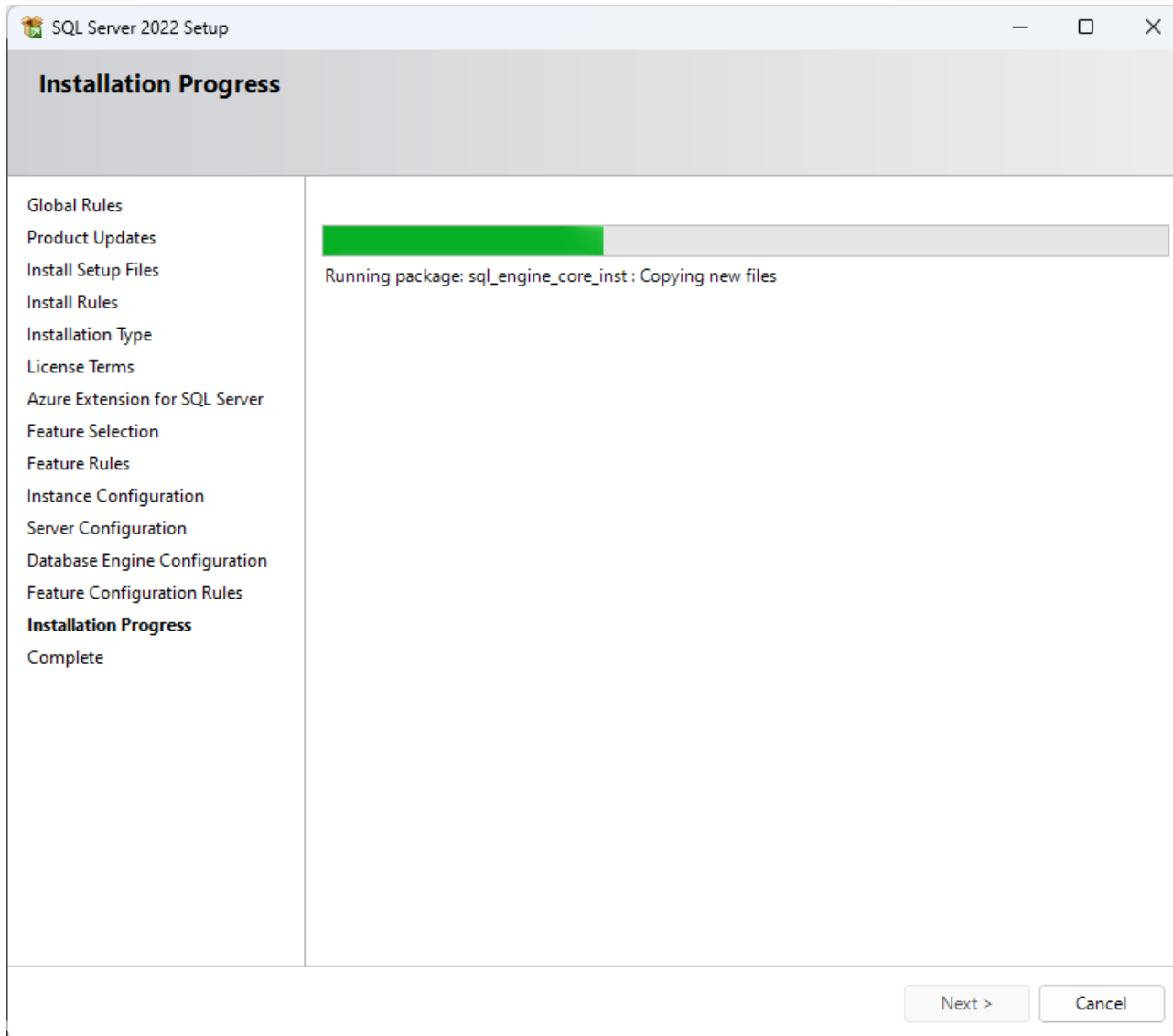
LAPTOP-B18KDC4F\Elliott Newton (Elliott Newton)

SQL Server administrators have unrestricted access to the Database Engine.

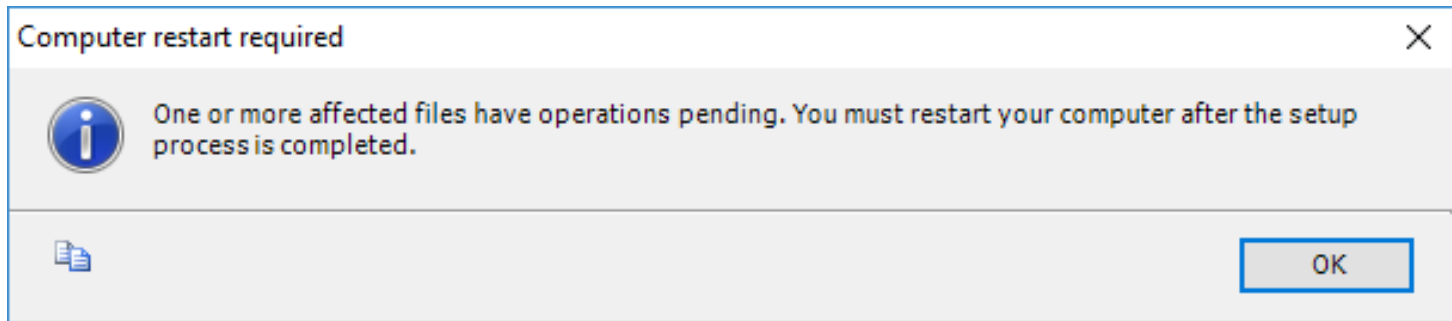
Add Current User Add... Remove

< Back Next > Cancel

Install SQL Server 2022 Express



Install SQL Server 2022 Express



Install SQL Server Management Studio

Version

SQL Server 2022

Filter by title

> Internals & architecture

> Installation

> Migrate & load data

> Manage, monitor, & tune

> Query data

> Reporting & Analytics

> Security

> Tools

Overview

Azure Data Studio >

> Command prompt utilities

> Database Tuning Advisor (DTA)

> Distributed Replay

> SQL Server Configuration Manager

> SQLCMD

> SSIS Diagnose

> SQL Server Data Tools (SSDT)

> SQL Server Management Studio (SSMS)

Download SSMS

Release notes

> Overview

> Quickstarts

> Tutorials

> Concepts

> How-to

> References

> Resources

> SQL projects

> SqllPackage

> SQL Server Profiler

> Visual Studio native helpers

> Extended Features

> Visual Studio Code

> Tutorials

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Download SQL Server Management Studio (SSMS)

Article • 09/26/2024 • 49 contributors

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Available languages

What's new

Previous versions

Show 8 more

Applies to:

SQL Server

Azure SQL Database

Azure SQL Managed Instance

Azure Synapse Analytics

SQL analytics endpoint in Microsoft Fabric

Warehouse in Microsoft Fabric

SQL Server Management Studio (SSMS) is an integrated environment for managing any SQL infrastructure, from SQL Server to Azure SQL Database. SSMS provides tools to configure, monitor, and administer instances of SQL Server and databases. Use SSMS to deploy, monitor, and upgrade the data-tier components used by your applications and build queries and scripts.

Use SSMS to query, design, and manage your databases and data warehouses, wherever they are - on your local computer or in the cloud.

For customers needing a cross-platform companion to SSMS for managing SQL and other Azure databases, use [Azure Data Studio](#).

For details and more information about what's new in this release, see [Release notes for SQL Server Management Studio \(SSMS\) 20.2](#).

Download SSMS

Download SQL Server Management Studio (SSMS) 20.2

SSMS 20.2 is the latest generally available (GA) version. If you have a preview version of SSMS 20 installed, uninstall it before installing SSMS 20.2. Installing SSMS 20.2 doesn't upgrade or replace SSMS 19.x and earlier versions.

Release number: 20.2

Build number: 20.2.30.0

Release date: July 9, 2024

By using SQL Server Management Studio, you agree to its [license terms and privacy statement](#). If you have comments or suggestions or want to report issues, the best way to contact the SSMS team is at [SQL user feedback](#).

Additional resources

Events

Take the Microsoft Learn AI Skills Challenge

Sep 25, 12 AM - Nov 1, 11 PM

Elevate your skills in Microsoft Fabric and earn a digital badge by November 1.

Register now

Training

Learning path

Embed Power BI analytics - Training

This learning path teaches you how to embed Power BI content in apps, develop programmatic solutions using the Power BI REST API and the Power BI Client APIs, enforce row-level...

Certification

Microsoft Certified: Azure Database Administrator Associate - Certifications

Administer an SQL Server database infrastructure for cloud, on-premises and hybrid relational databases using the Microsoft PaaS relational database offerings.

Documentation

Release notes for (SSMS) - SQL Server Management Studio (SSMS)

Release notes for SQL Server Management Studio (SSMS).

SQL Server Management Studio (SSMS) - SQL Server Management Studio (SSMS)

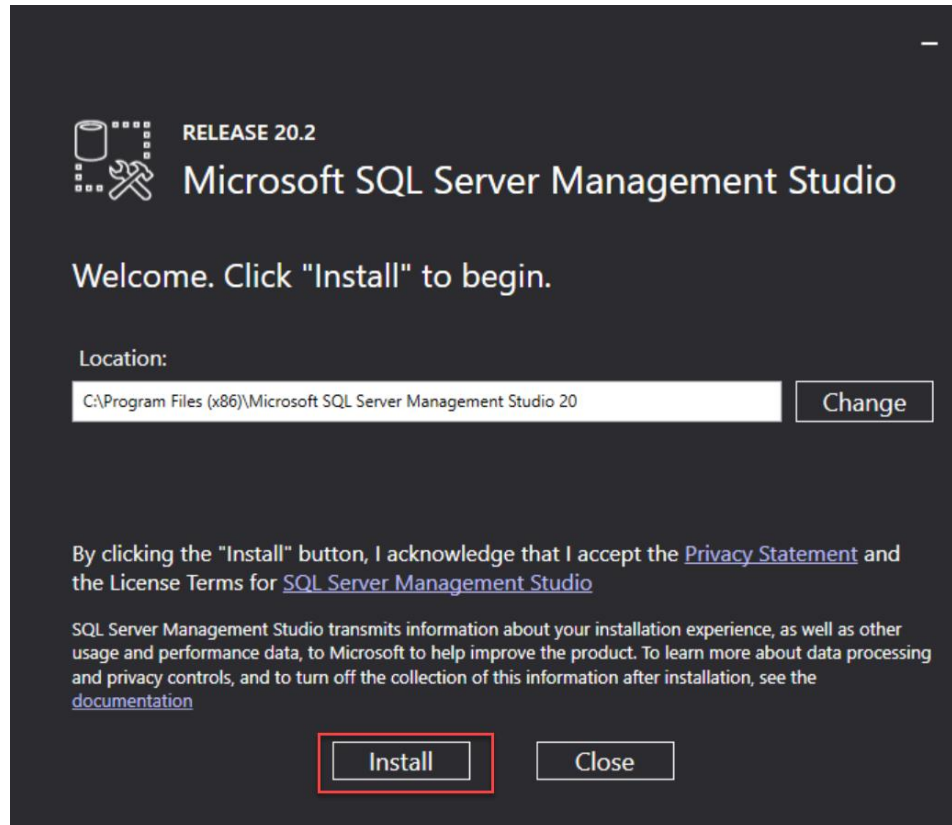
Learn details about SQL Server Management Studio (SSMS) and what SSMS can do, including how to manage Analysis Services Solutions.

SSMS setup failed or requires restart - SQL Server Management Studio (SSMS)

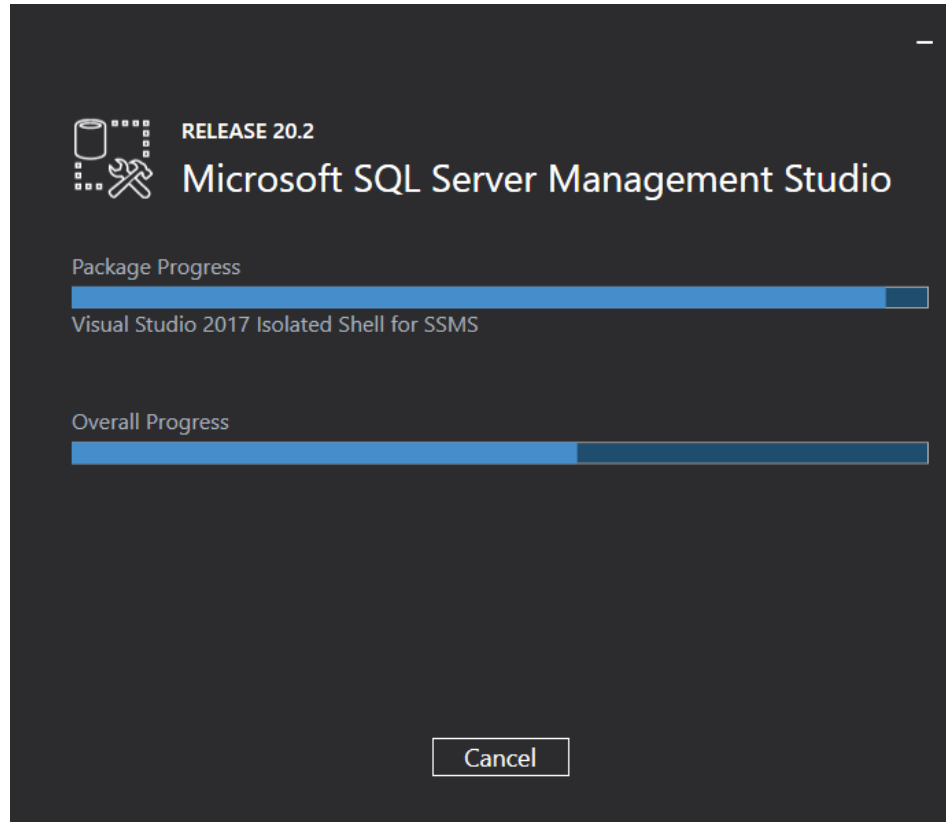
Troubleshooting SSMS installation problems

Show 5 more

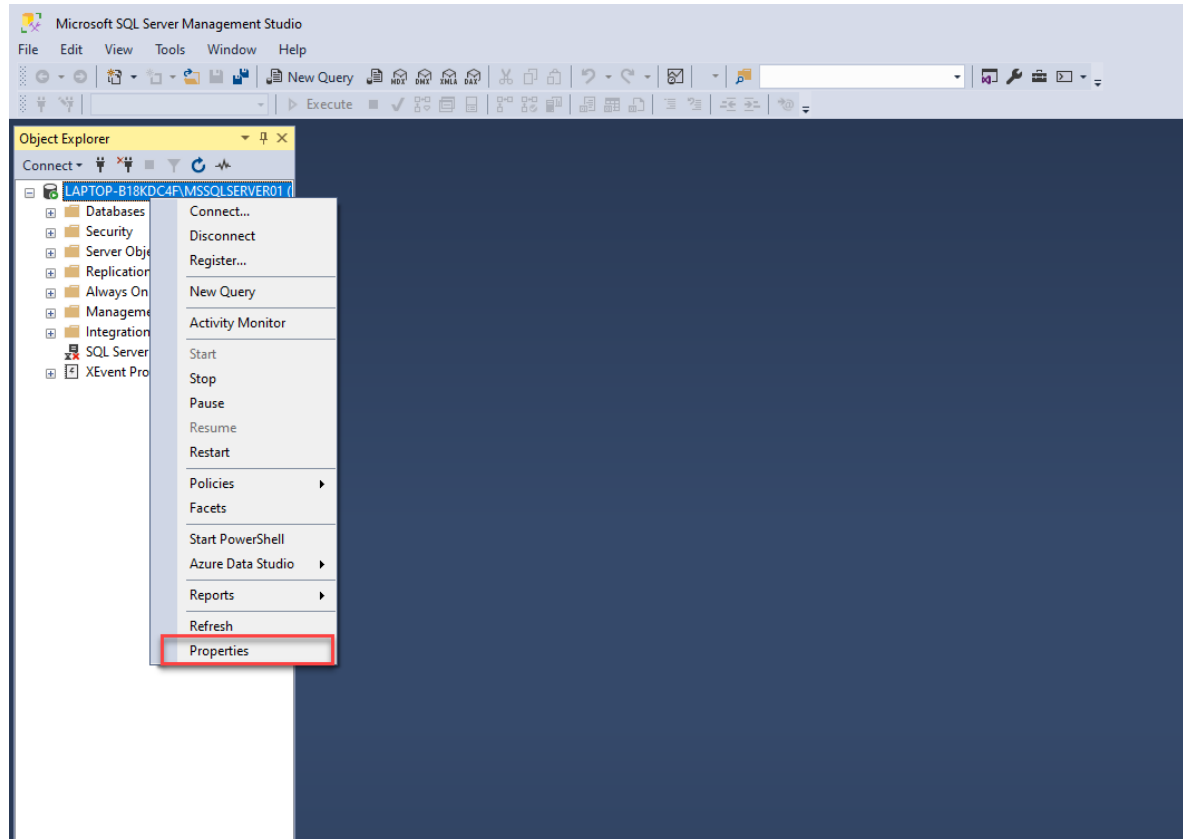
Install SQL Server Management Studio



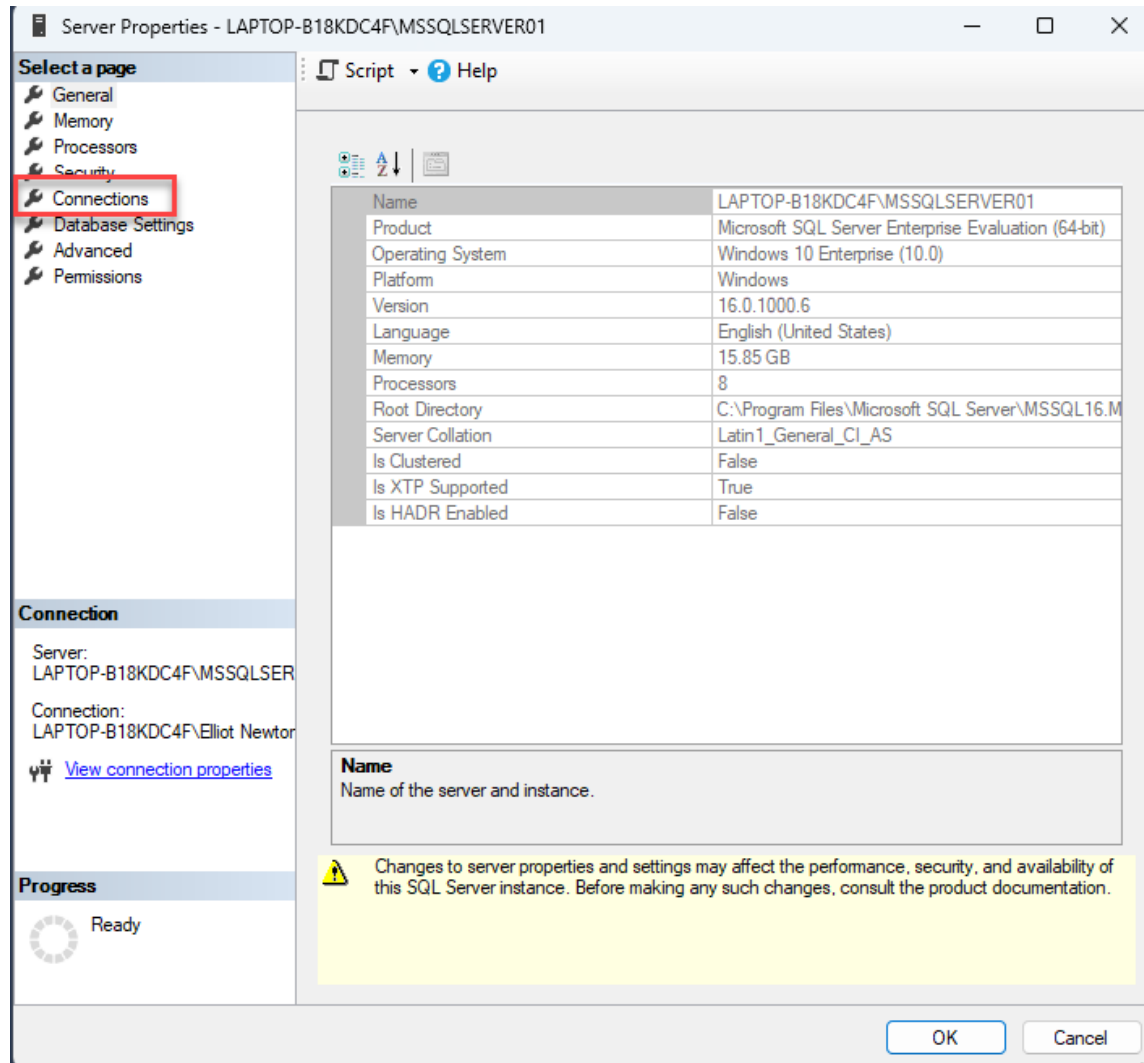
Install SQL Server Management Studio



Configure the SQL Server 2022 Instance




Configure the SQL Server 2022 Instance



The screenshot displays the 'Server Properties - LAPTOP-B18KDC4F\MSSQLSERVER01' window. The left-hand navigation pane is titled 'Select a page' and lists several categories: General, Memory, Processors, Security, Connections (highlighted with a red rectangle), Database Settings, Advanced, and Permissions. Below this, the 'Connection' section shows the server name 'LAPTOP-B18KDC4F\MSSQLSERVER01' and the connection name 'LAPTOP-B18KDC4F\Elliot Newton'. A link 'View connection properties' is visible. The 'Progress' section at the bottom left shows a circular progress indicator and the word 'Ready'. The main area on the right contains a table with system information and a warning message at the bottom.

Name	
Product	Microsoft SQL Server Enterprise Evaluation (64-bit)
Operating System	Windows 10 Enterprise (10.0)
Platform	Windows
Version	16.0.1000.6
Language	English (United States)
Memory	15.85 GB
Processors	8
Root Directory	C:\Program Files\Microsoft SQL Server\MSSQL16.M
Server Collation	Latin1_General_CI_AS
Is Clustered	False
Is XTP Supported	True
Is HADR Enabled	False

Name
Name of the server and instance.

 Changes to server properties and settings may affect the performance, security, and availability of this SQL Server instance. Before making any such changes, consult the product documentation.

OK Cancel

Configure the SQL Server 2022 Instance

Server Properties - LAPTOP-B18KDC4F\MSSQLSERVER01

Select a page

- General
- Memory
- Processors
- Security
- Connections**
- Database Settings
- Advanced
- Permissions

Script ? Help

Connections

Maximum number of concurrent connections (0 = unlimited):

0

☐ Use query governor to prevent long-running queries

0

Default connection options:

- ☐ implicit transactions
- ☐ cursor close on commit
- ☐ ansi warnings
- ☐ ansi padding
- ☐ ANSI NULLS
- ☐ arithmetic abort
- ☐ arithmetic ignore
- ☐ quoted identifier

Connection

Server:
LAPTOP-B18KDC4F\MSSQLSER

Connection:
LAPTOP-B18KDC4F\Elliot Newton

[View connection properties](#)

Progress

Ready

Remote server connections

☒ Allow remote connections to this server

Remote query timeout (in seconds, 0 = no timeout):

600

☐ Require distributed transactions for server-to-server communication

☒ Configured values ☐ Running values

OK Cancel

Configure the SQL Server 2022 Instance

Connect to Server

SQL Server

Login | Connection Properties | Always Encrypted | Additional Connection Parameters

Server

Server type: Database Engine

Server name: LAPTOP-B18KDC4F\M

Authentication: Windows Authentication

User name: LAPTOP-B18KDC4F\Elliot Newton

Password:

☐ Remember password

Connection Security

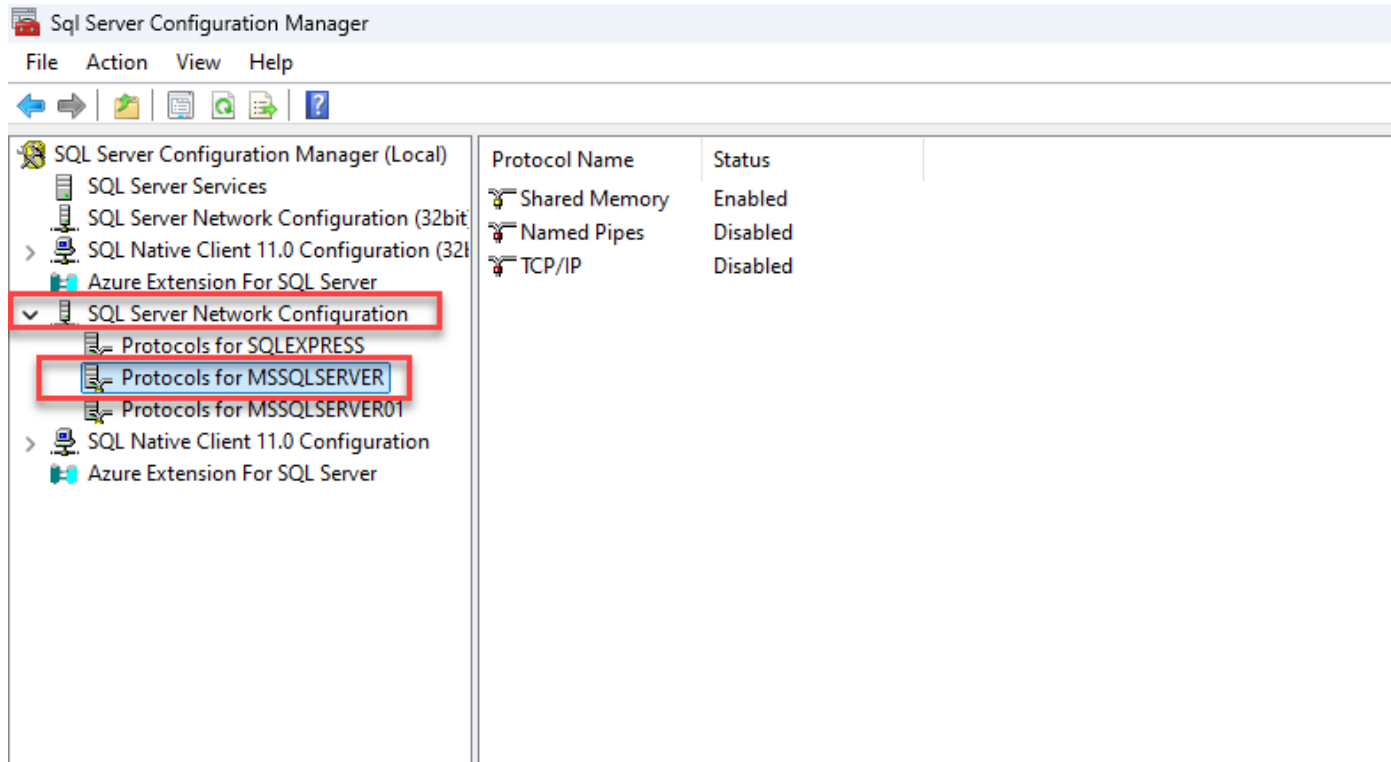
Encryption: Optional

☐ Trust server certificate

Host name in certificate:

Connect Cancel Help Options <<

Configure the SQL Server 2022 Instance



Configure the SQL Server 2022 Instance

Sql Server Configuration Manager

File Action View Help

SQL Server Configuration Manager (Local)

- SQL Server Services
- SQL Server Network Configuration (32bit)
- SQL Native Client 11.0 Configuration (32bit)
- Azure Extension For SQL Server
- SQL Server Network Configuration
 - Protocols for SQLEXPRESS
 - Protocols for MSSQLSERVER
 - Protocols for MSSQLSERVER01
- SQL Native Client 11.0 Configuration
 - Azure Extension For SQL Server

Name	State	Start Mode	Log On As	Process ID	Service Type
SQL Server (MSSQLSERVER01)	Running	Automatic	NT Service\MSSQL\$...	6324	SQL Server
SQL Server (SQLEXPRESS)	Running	Automatic	NT Service\MSSQL\$...	1892	SQL Server
SQL Server (MSSQLSERVER01)	Running	Automatic	NT Service\MSSQL\$...	16780	SQL Server
SQL Server Agent (MSSQLSERVER01)	Stopped	Manual	NT Service\SQLAge...	0	SQL Agent
SQL Server Agent (MSSQLSERVER01)	Stopped	Other (Boot, Syste...	NT AUTHORITY\NE...	0	SQL Agent
SQL Server Browser (MSSQLSERVER01)	Stopped	Other (Boot, Syste...	NT AUTHORITY\LO...	0	SQL Agent
SQL Server Agent (MSSQLSERVER01)	Stopped	Other (Boot, Syste...	NT AUTHORITY\NE...	0	SQL Agent

Start

Stop

Pause

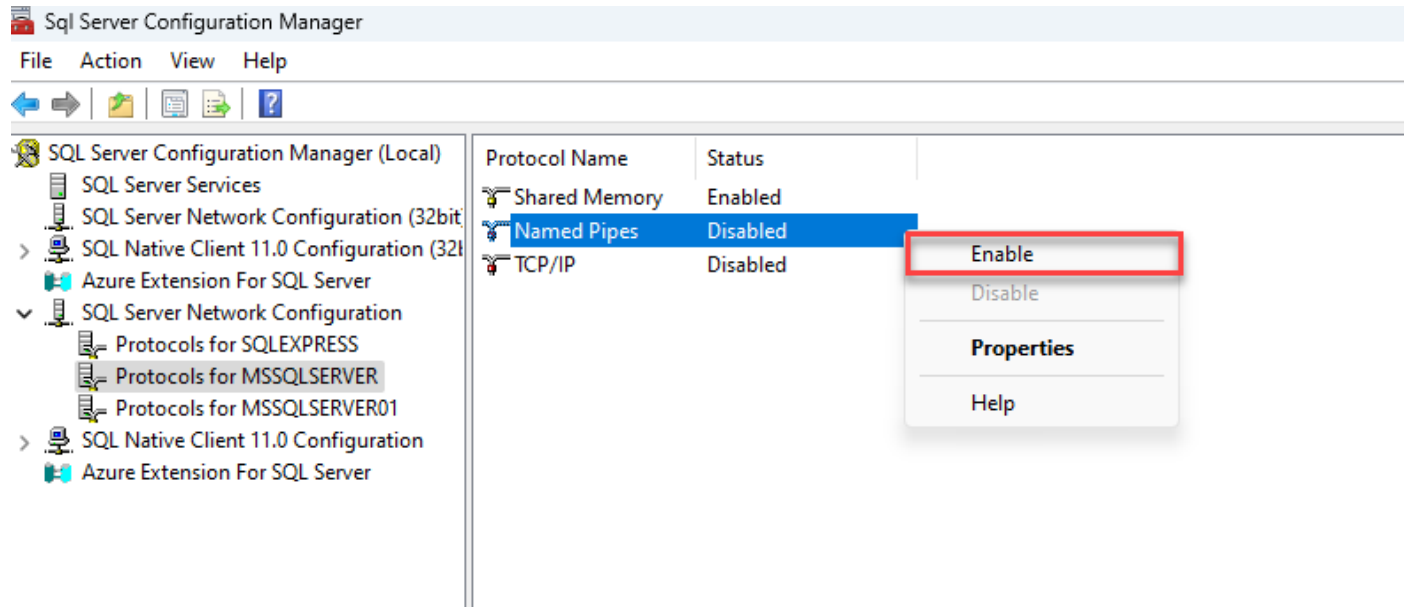
Resume

Restart

Properties

Help

Configure the SQL Server 2022 Instance



Bases de Données SQL Server et leur stockage