

# SQL Server et SSMS : installation

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## Installation de SQL Server 2019

- 1) Aller sur le site de Microsoft :

<https://www.microsoft.com/fr-be/sql-server/sql-server-downloads>

Ou téléchargez une édition spécialisée gratuite



Developer

SQL Server 2019 Developer est une édition gratuite comprenant toutes les fonctionnalités, concédée sous licence pour être utilisée comme base de données de développement et de test dans des environnements non dédiés à la production.

Télécharger maintenant >



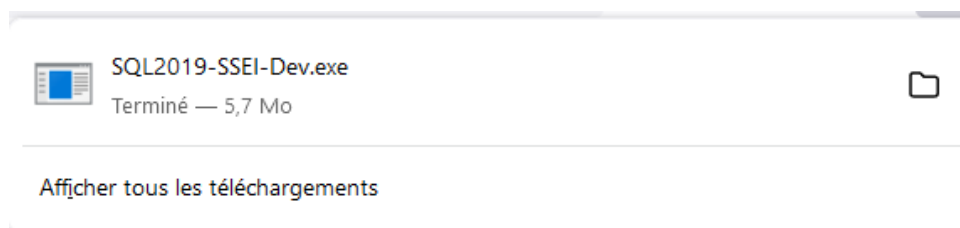
Express

SQL Server 2019 Express est une édition gratuite de SQL Server, idéale pour le développement et la production d'applications de bureau, d'applications web et de petites applications serveur.

Télécharger maintenant >

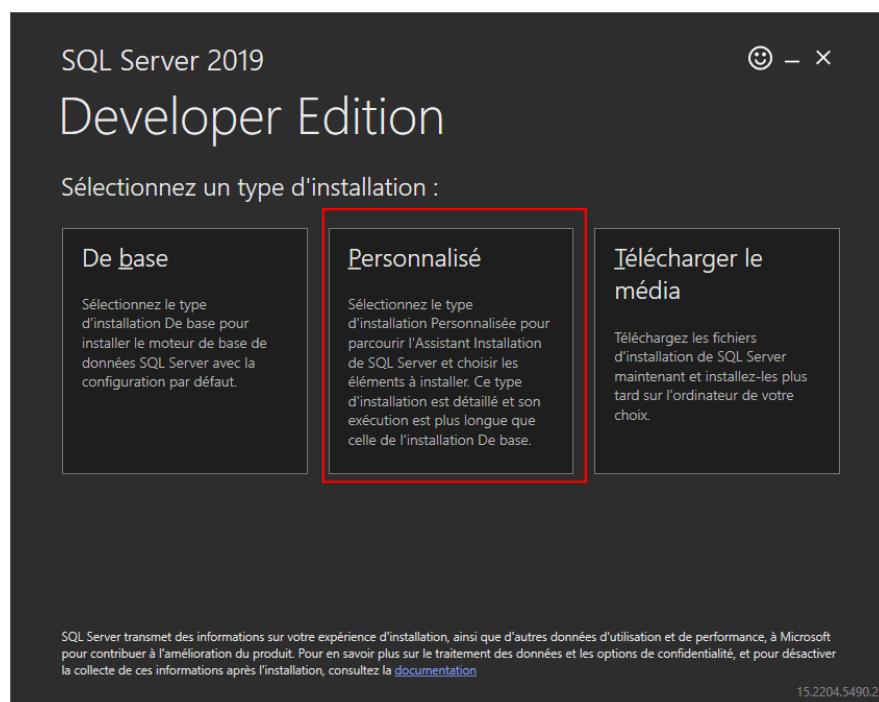
- 2) Télécharger la version : Developer

- 3) Lancer l'installation :

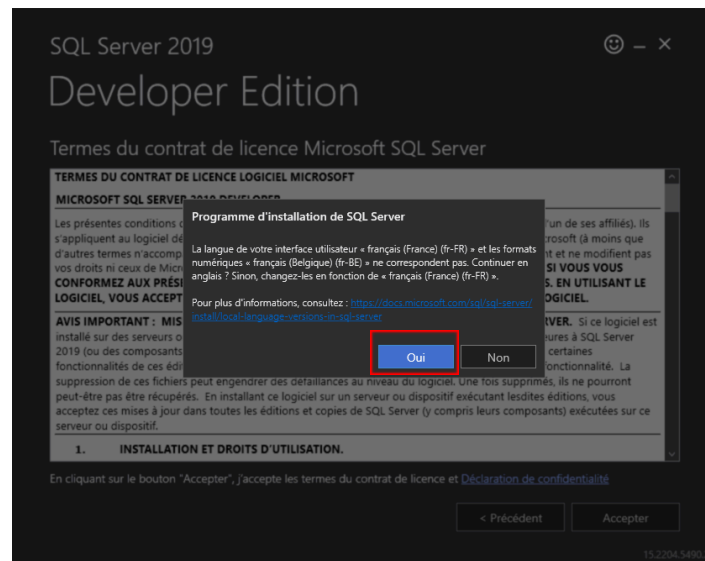


- 4) Autoriser à apporter des modifications

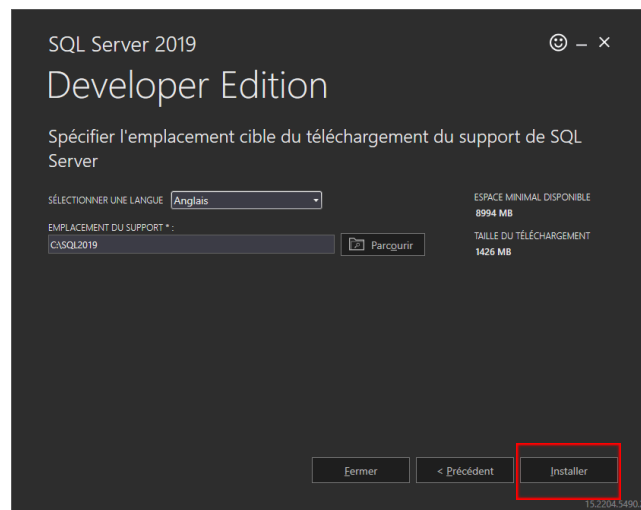
- 5) Choisir l'installation " Personnalisé "

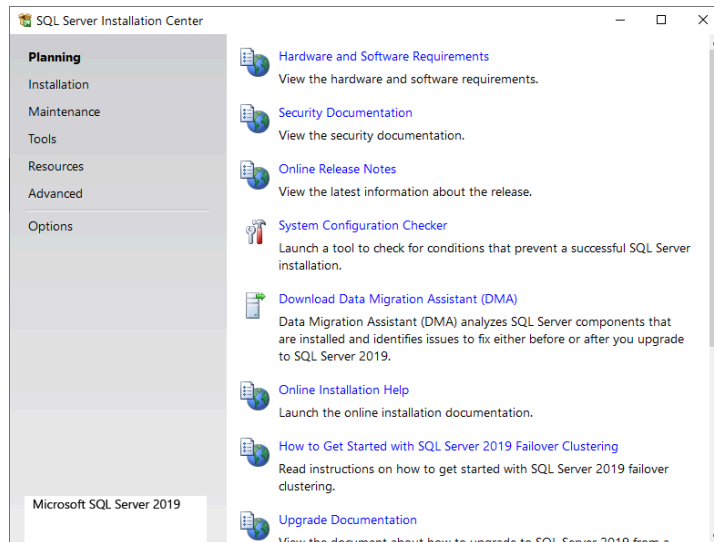


6) Ensuite “Oui” pour l’anglais :

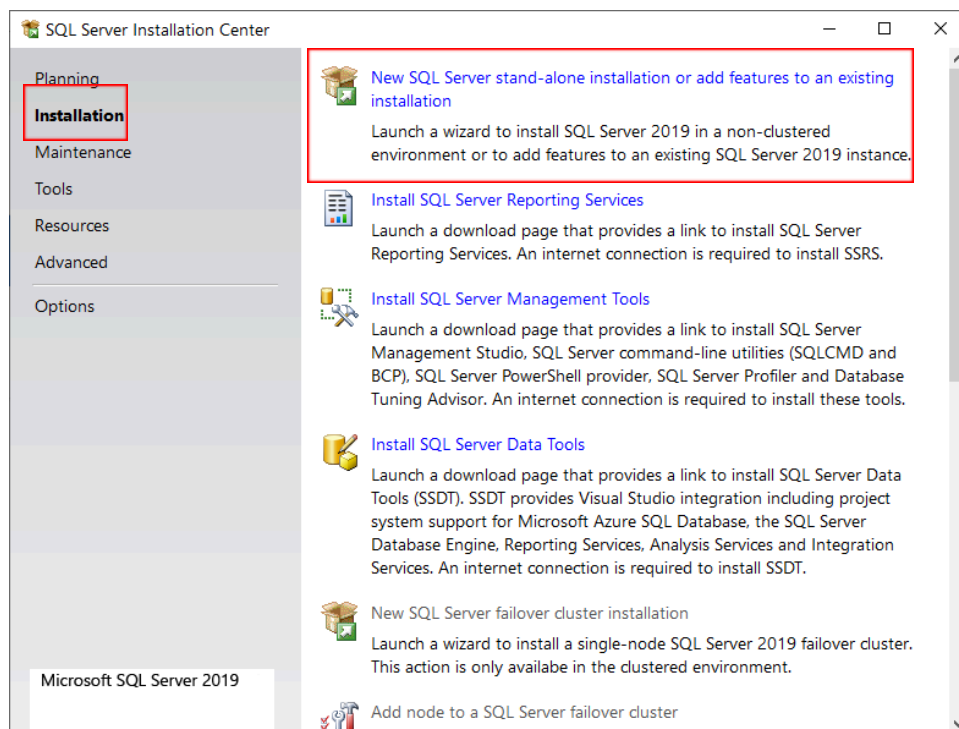


7) Cliquer sur “Installer”

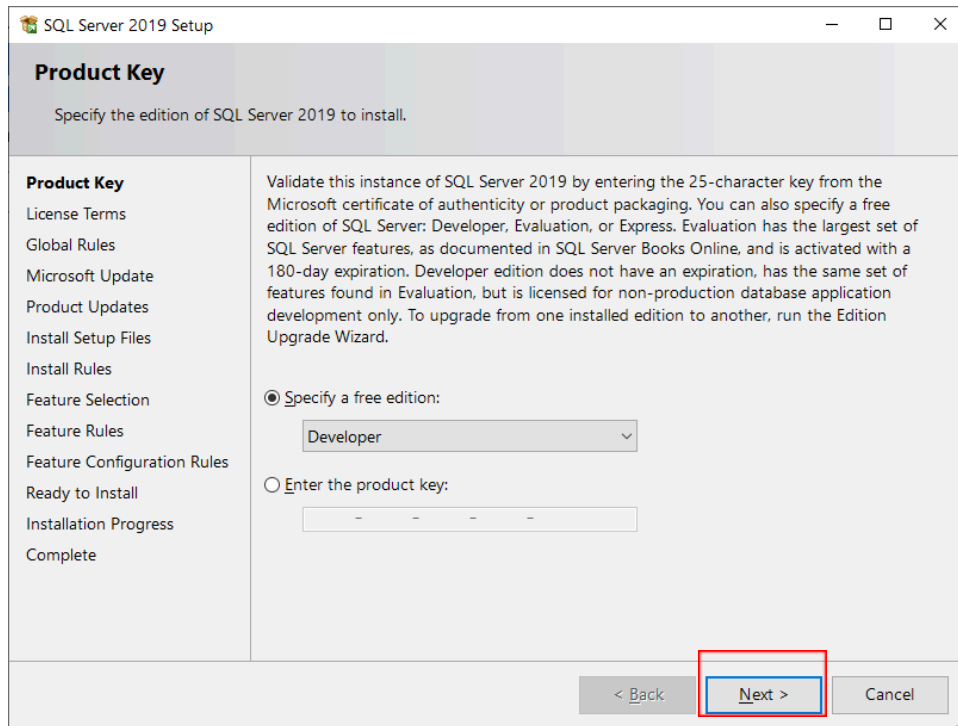




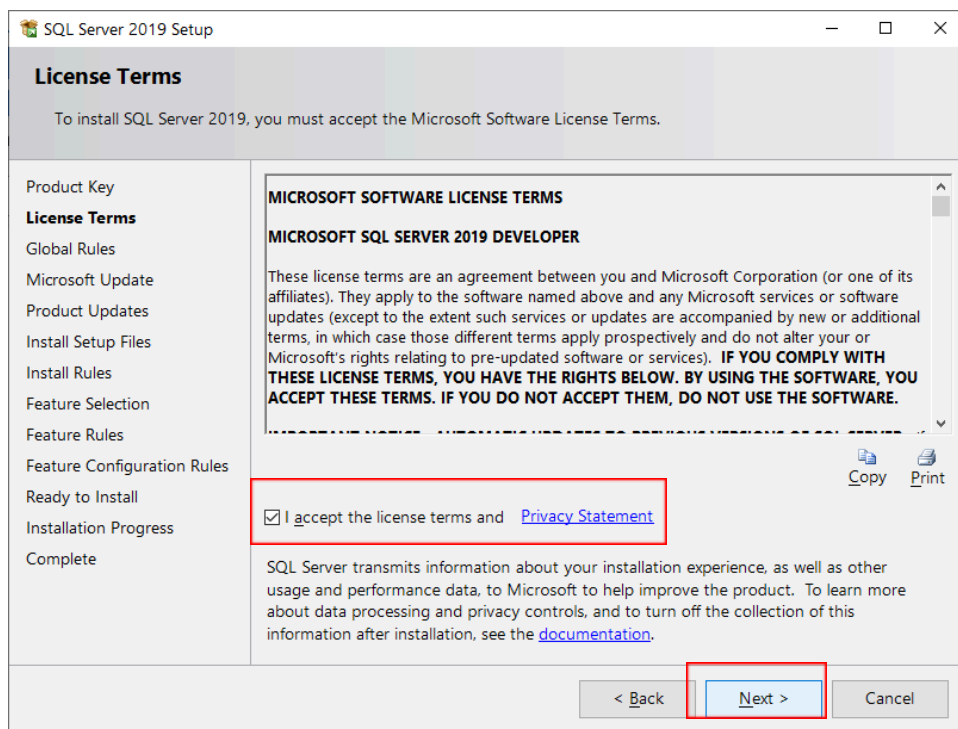
8) Aller dans Installation et cliquer sur « New SQL Server ... » :



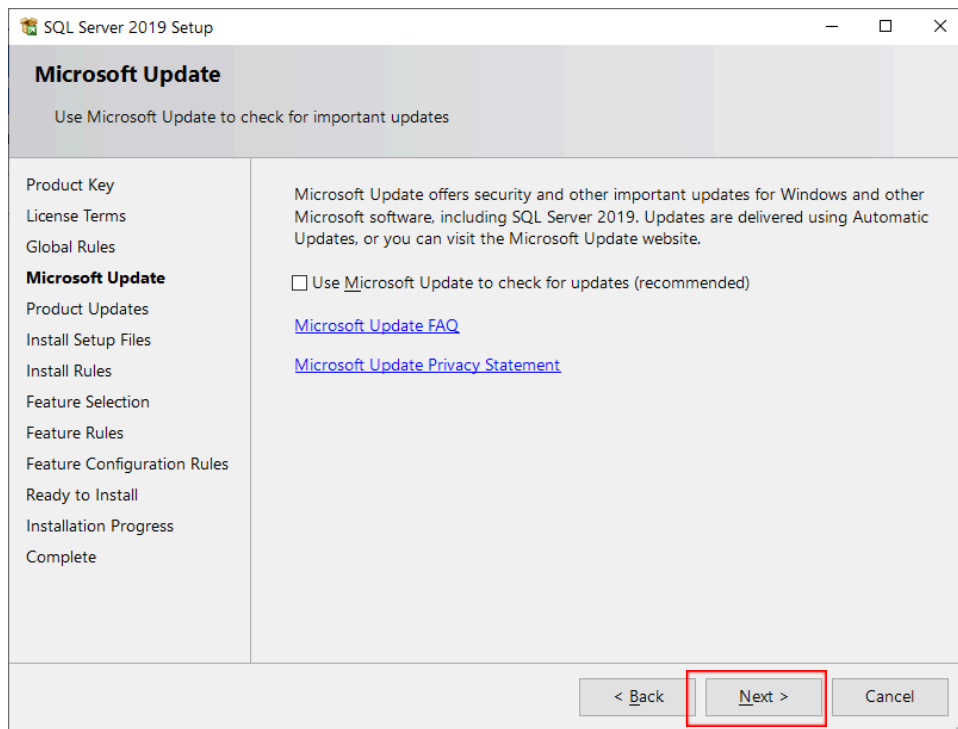
9) Cliquer sur « Next »



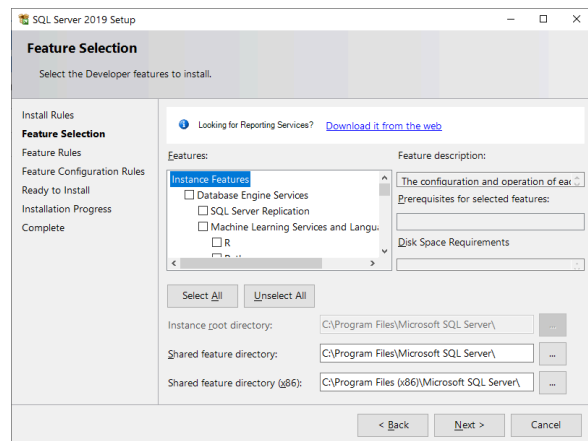
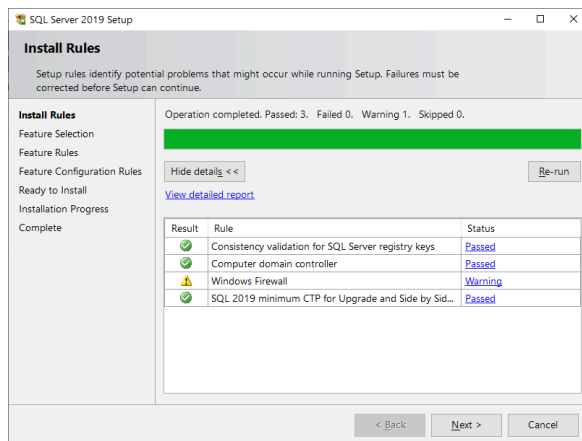
# 10) Suivant > Accepter les termes > Next



11) Ne pas cocher la mise à jour automatique car comme ça c'est moi qui l'initie (pour ne pas avoir de mauvaise surprise) : Next



12) Patienter le temps des vérifications ...



13) Cocher :

Instance Features

☒ Database Engine Services

☐ SQL Server Replication
☐ Machine Learning Services and Language Extensions

☐ R
☐ Python
☐ Java

☒ Full-Text and Semantic Extractions for Search
☐ Data Quality Services
☐ PolyBase Query Service for External Data
☐ Java connector for HDFS data sources
☒ Analysis Services

Shared Features

☐ Machine Learning Server (Standalone)

☐ R
☐ Python

☐ Data Quality Client
☐ Client Tools Connectivity
☒ Integration Services

☐ Scale Out Master
☐ Scale Out Worker

☐ Client Tools Backwards Compatibility
☐ Client Tools SDK
☐ Distributed Replay Controller
☐ Distributed Replay Client

Cliquer : Next

14) Cocher « Name instance » et donner un nom « DATAVIZ » par exemple

L'instance ID se met à jour. Cliquer sur Next

SQL Server 2019 Setup

### Instance Configuration

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

Install Rules  
Feature Selection  
Feature Rules  
**Instance Configuration**  
Server Configuration  
Database Engine Configur...  
Analysis Services Configur...  
Feature Configuration Rules  
Ready to Install  
Installation Progress  
Complete

Default instance  
Named instance: DATAVIZ

Instance ID: DATAVIZ

SQL Server directory: C:\Program Files\Microsoft SQL Server\MSSQL15.DATAVIZ  
Analysis Services directory: C:\Program Files\Microsoft SQL Server\MSAS15.DATAVIZ

Installed instances:

Instance Name	Instance ID	Features	Edition	Version

< Back Next > Cancel

15) Cliquer : Next

SQL Server 2019 Setup

### Server Configuration

Specify the service accounts and collation configuration.

Install Rules  
Feature Selection  
Feature Rules  
Instance Configuration  
**Server Configuration**  
Database Engine Configur...  
Analysis Services Configur...  
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\SQLAgent...		Manual
SQL Server Database Engine	NT Service\MSSQL\$D...		Automatic
SQL Server Analysis Services	NT Service\MSOLAP\$...		Automatic
SQL Server Integration Services...	NT Service\MsDtsServ...		Automatic
SQL Full-text Filter Daemon La...	NT Service\MSSQLFDL...		Manual
SQL Server Browser	NT AUTHORITY\LOCA...		Automatic

☐ Grant Perform Volume Maintenance Task 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

16) Définir un mot de passe pour le compte sa (System Administrator)



**Database Engine Configuration**

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

Install Rules  
Feature Selection  
Feature Rules  
Instance Configuration  
Server Configuration  
**Database Engine Config...**  
Analysis Services Configur...  
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

DE\student5200 (student5200)

SQL Server administrators have unrestricted access to the Database Engine.

Add Current User | Add... | Remove

< Back | Next > | Cancel

Choisir « Mixed Mode »

Définir le mot de passe : tftic@2012 (respecter svp)

Cliquer : Add Current User

Cliquer : Next

## 17) Ajouter l'utilisateur courant :

**Analysis Services Configuration**

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

Install Rules  
Feature Selection  
Feature Rules  
Instance Configuration  
Server Configuration  
Database Engine Configur...  
**Analysis Services Confi...**  
Feature Configuration Rules  
Ready to Install  
Installation Progress  
Complete

Server Configuration | Data Directories

Server Mode:

☐ Multidimensional and Data Mining Mode

☒ Tabular Mode

☐ PowerPivot Mode

Specify which users have administrative permissions for Analysis Services.

DE\student5200 (student5200)

Analysis Services administrators have unrestricted access to Analysis Services.

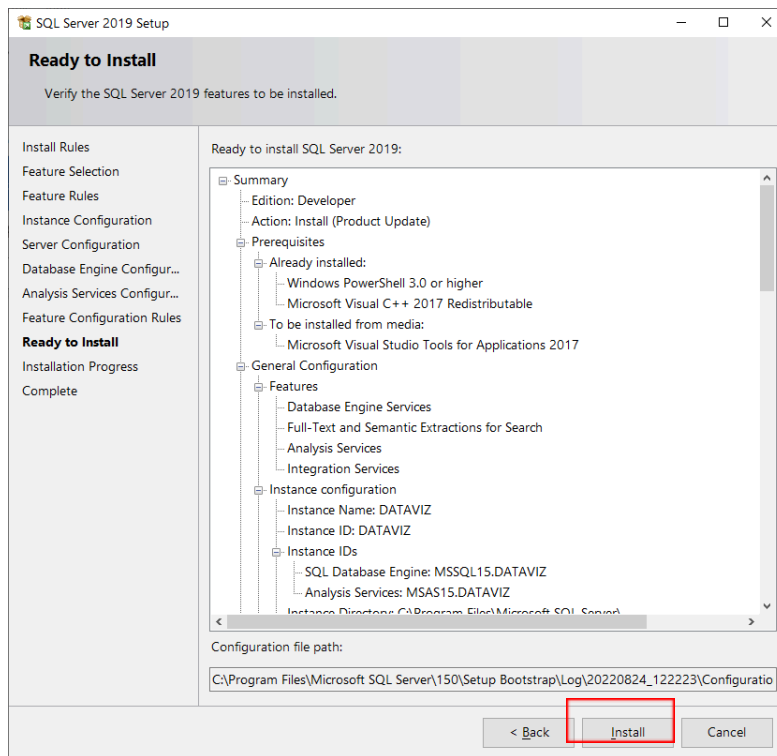
Add Current User | Add... | Remove

< Back | Next > | Cancel

Cliquer : Add current user

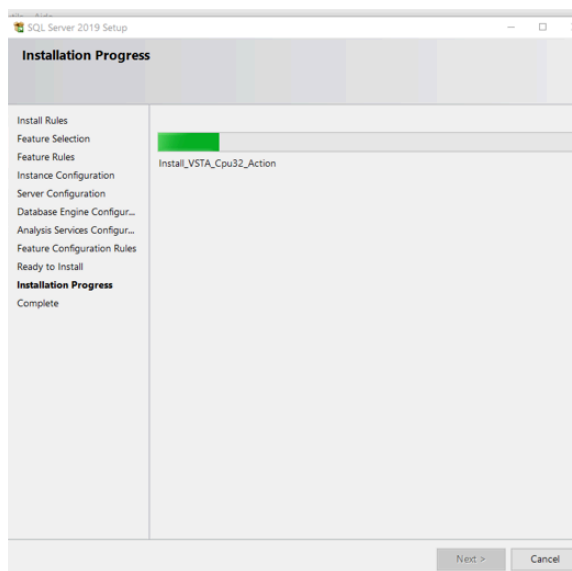
Cliquer : Next

18) Il affiche le résumé avant installation

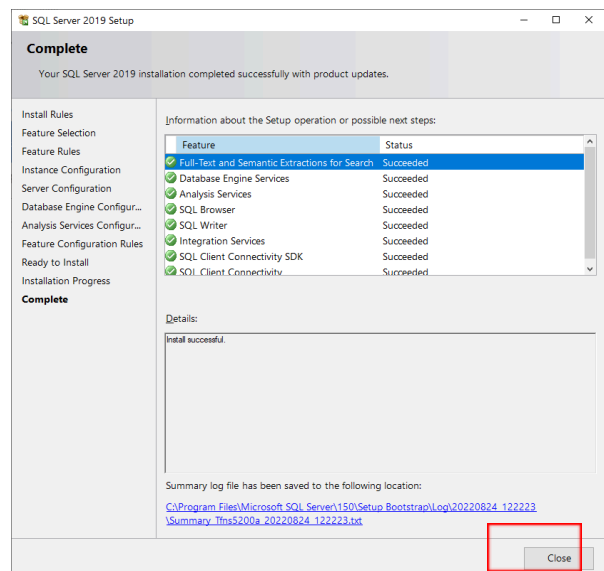


Cliquer : Install

19) Patienter ...



Jusqu'à ...



Cliquer : Close

20) SQL Server est installé 😊`

## Installer SSMS (SQL Server Management Studio)

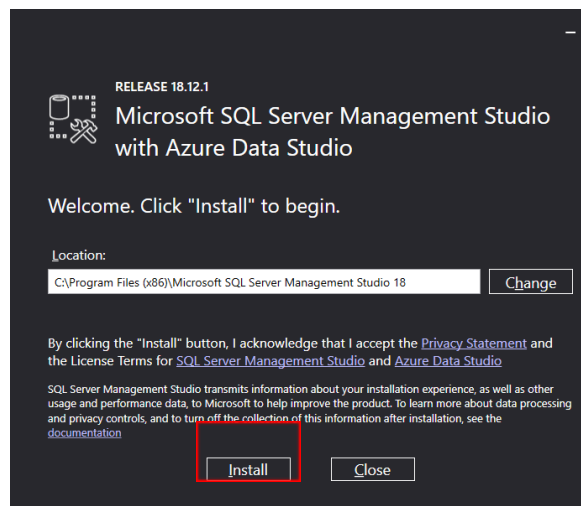
- 1) (Pour avoir la version en anglais) Télécharger sur :  
<https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-ver16>

### Download SSMS

To download SSMS 19 Preview 3, visit [Download SSMS 19](#).

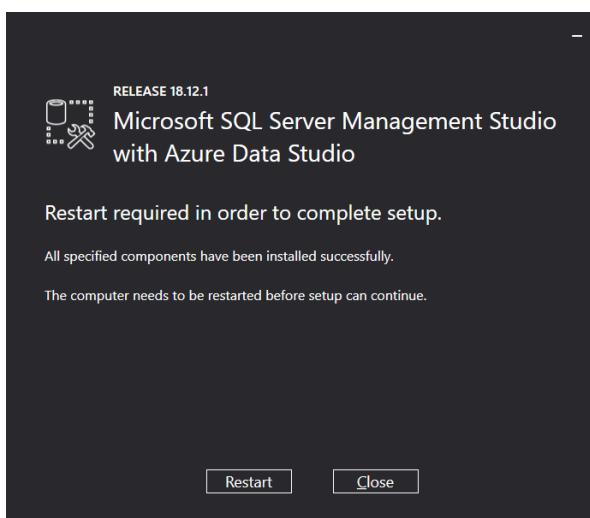
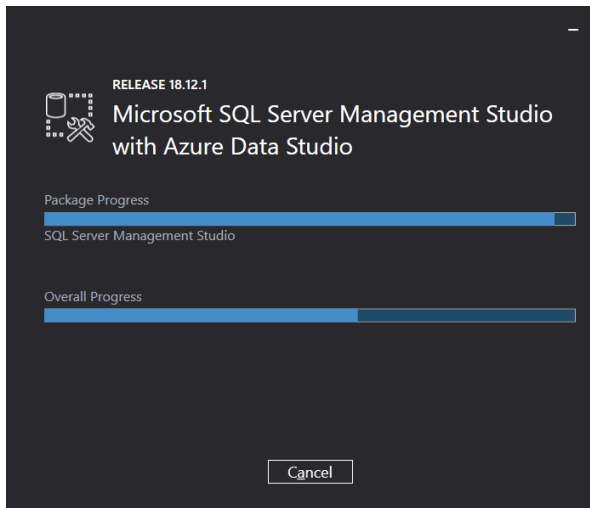
↓ [Free Download for SQL Server Management Studio \(SSMS\) 18.12.1](#)

- 2) Lancer l'installation. Oui à autoriser les modifications
- 3) Cliquer sur Install



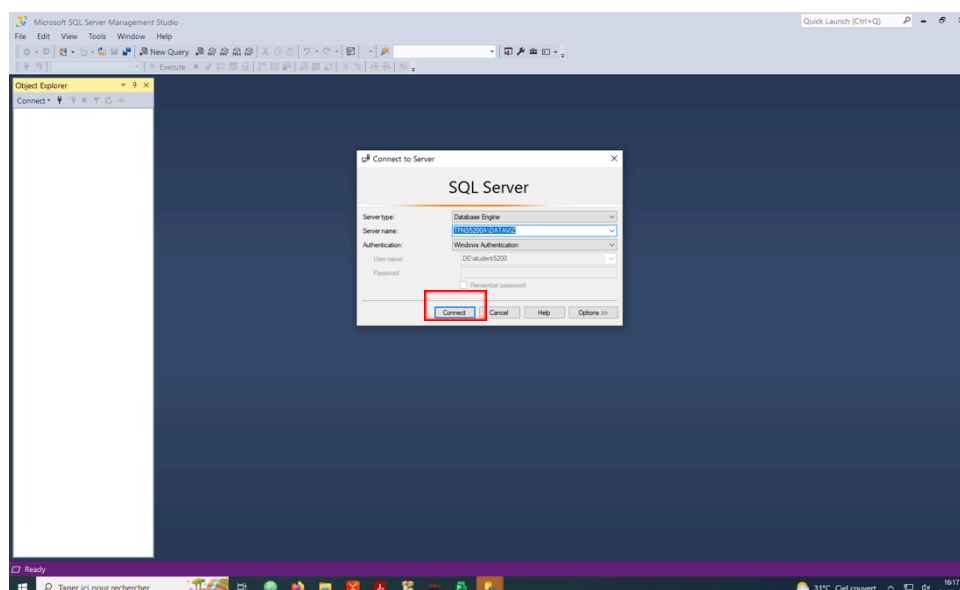
- 4) Patienter ...

Jusqu'à



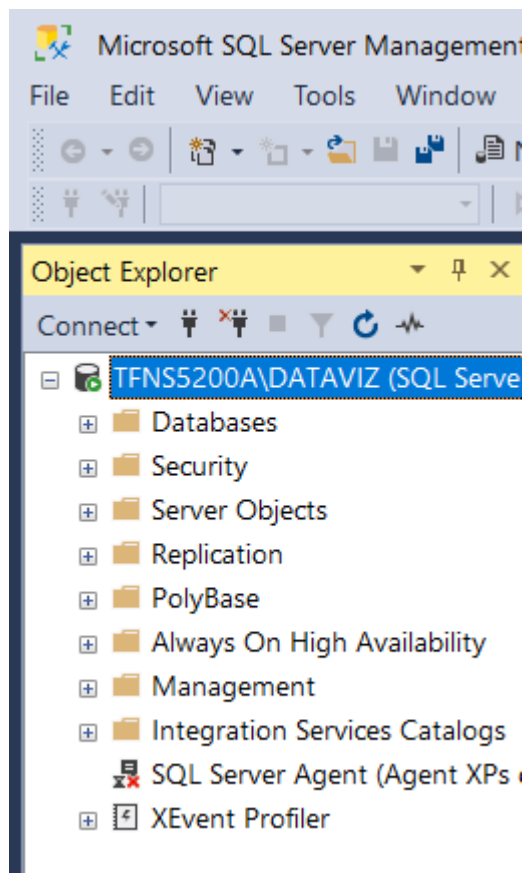
Redémarrer : Restart

## 5) Lancer SSMS



Cliquer sur Connect

6) Et voilà, tout est prêt pour travailler 😊



## Changer la langue : Français -> Anglais

Si vous l'aviez installé en français et que vous voulez le remettre en anglais :

Fichier > Options > Environnement > Paramètres internes

