

Handleiding SQL Server installeren en configureren t.b.v. 2Static voorraadbeheer database

Om vanuit een netwerk te kunnen werken met 2Static voorraadbeheer moet SQL Express geïnstalleerd worden op de server of PC die als database server gaat fungeren, voer onderstaande stappen uit om de de netwerkverbinding succesvol tot stand te brengen.

(de voorraadbeheer database werkt vanaf SQL Server 2012 en hoger)

Een lege Voorraadbeheerdatabase kan worden gedownload via de volgende link:

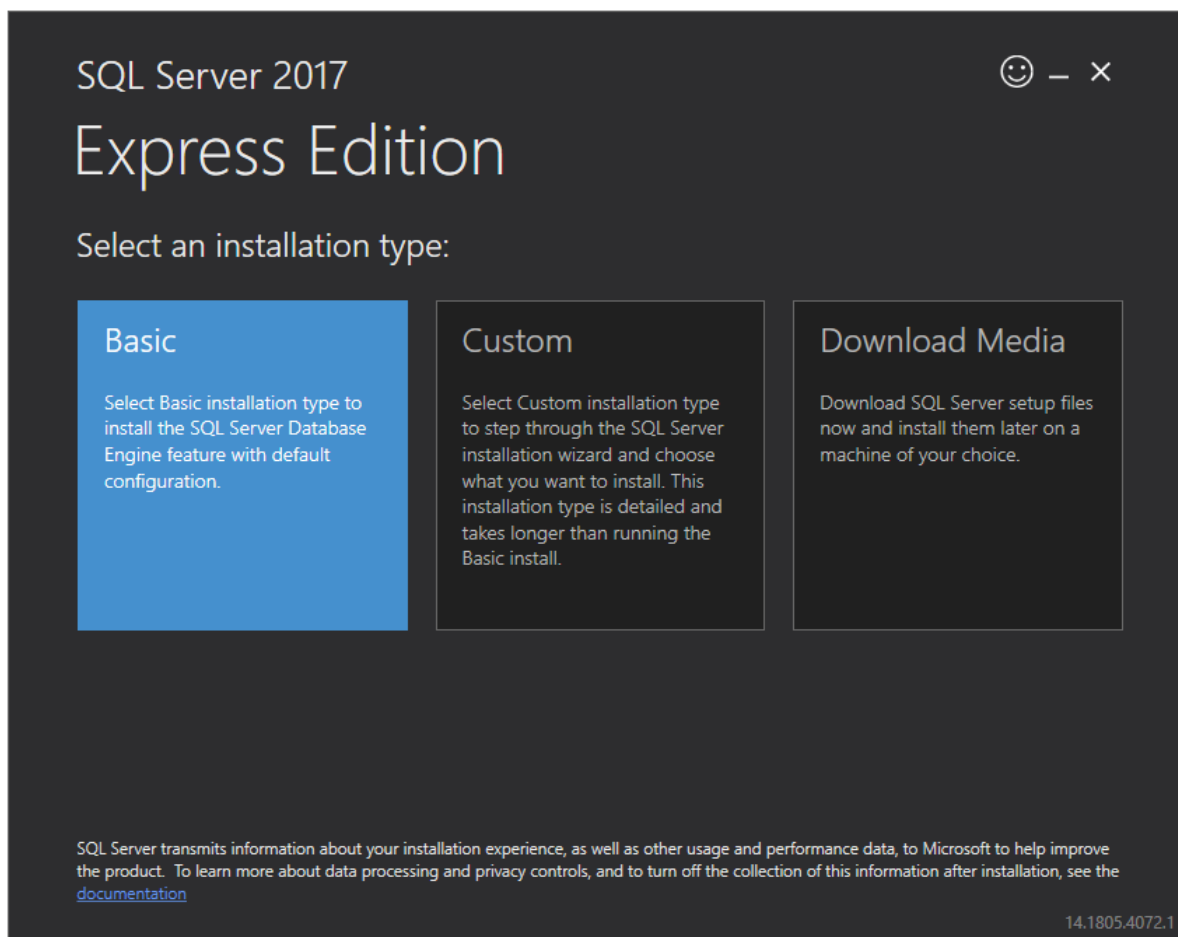
www.2static.com/SQLDB/SQLVOORRAADDB.rar

Installeren SQL Expres (2017)

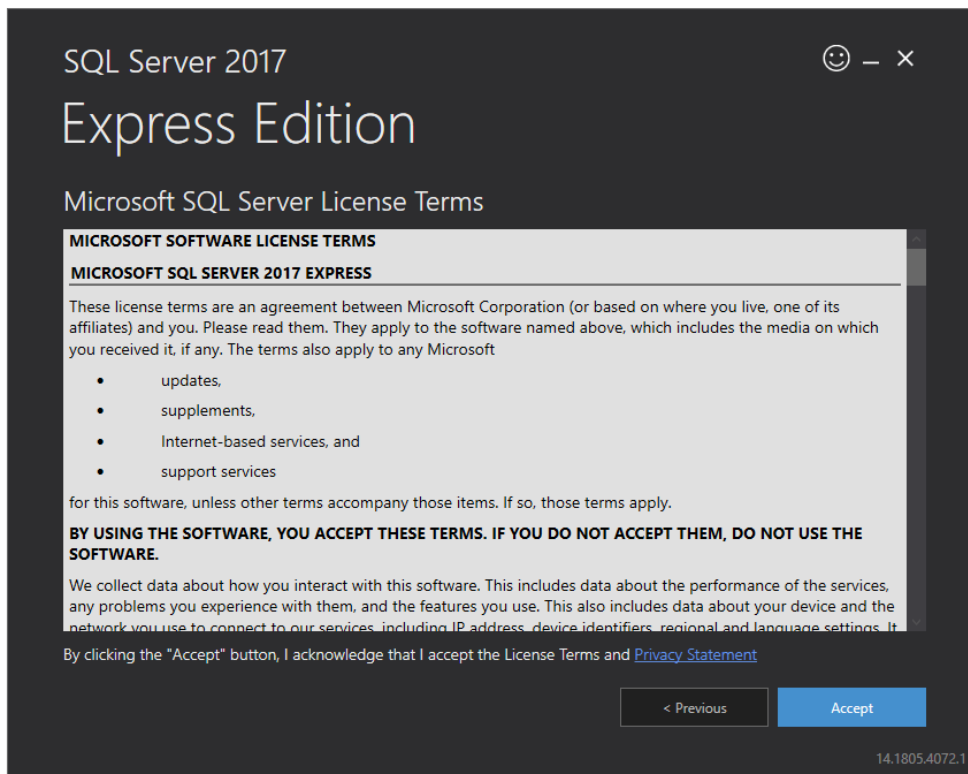
Download Microsoft SQL Server Express 2017 via de volgende link:

<https://www.microsoft.com/en-ca/download/details.aspx?id=55994>

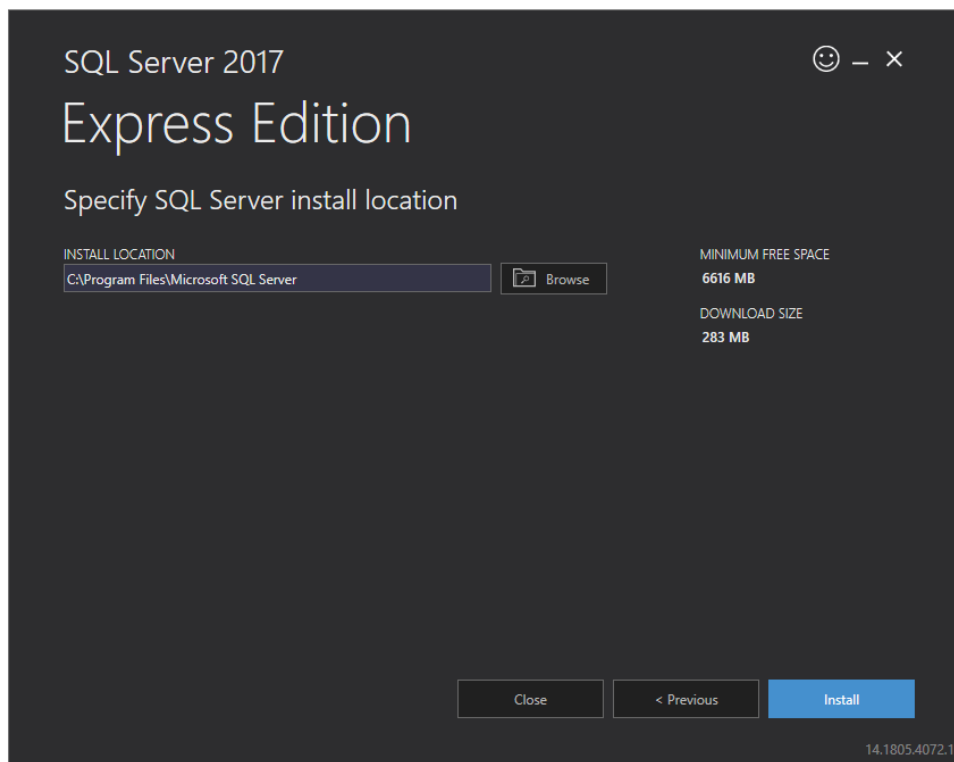
Klik op “Basic”



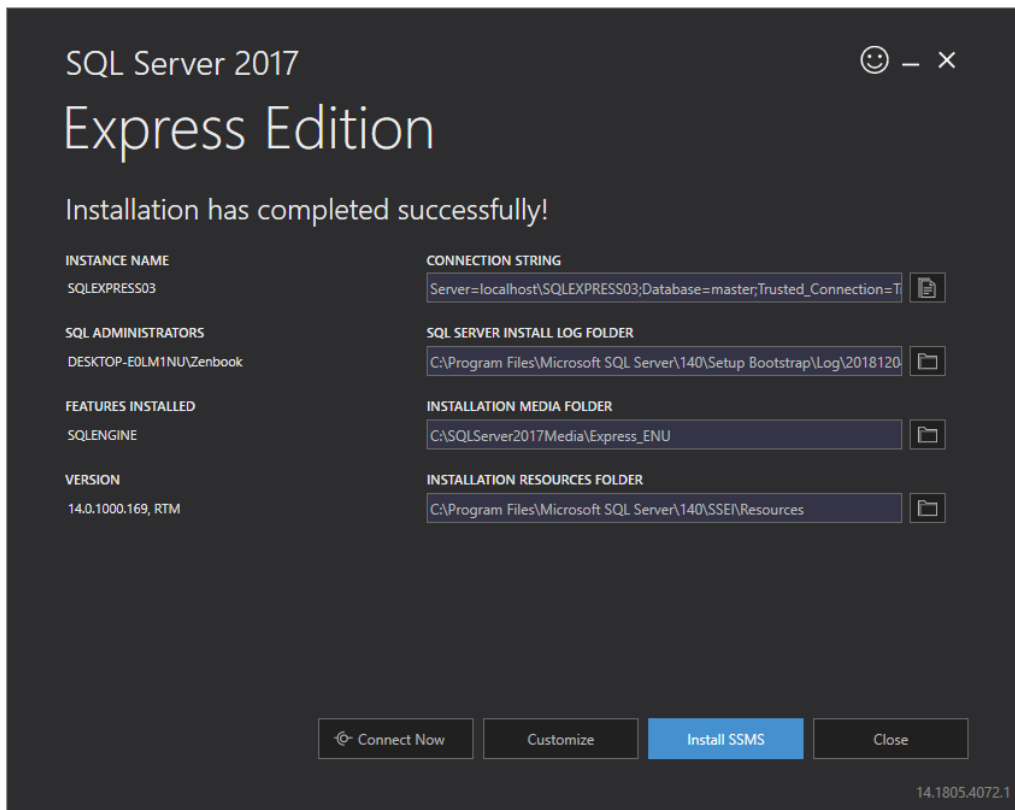
Klik op "Accept"



Klik op "Install"




Klik op "Install SSMS"



Klik op de Link "Download SQL Server Management Studio 17.9.1"

Download SQL Server Management Studio (SSMS)

11/22/2018 • 6 minutes to read • Contributors  all

APPLIES TO: SQL Server Azure SQL Database Azure SQL Data Warehouse Parallel Data Warehouse

Please help improve SQL Server docs!

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. Use SSMS to deploy, monitor, and upgrade the data-tier components used by your applications, as well as build queries and scripts.

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

SSMS is free!

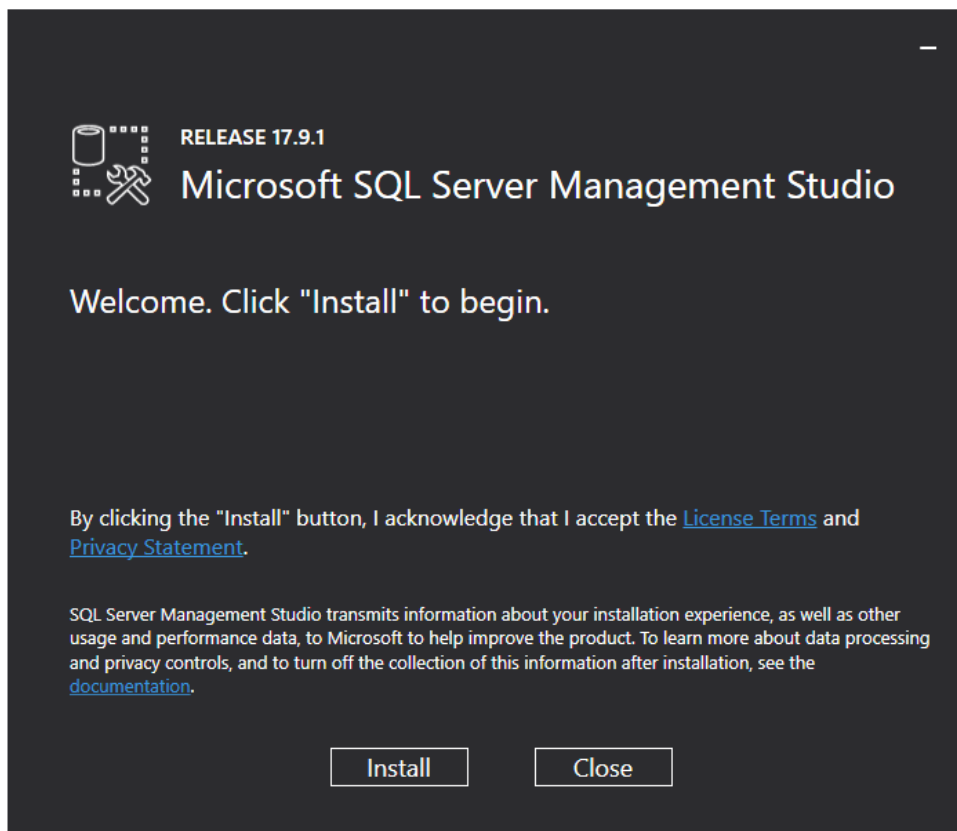
[SSMS 18.0 Public Preview 5 is now available](#), and is the latest generation of *SQL Server Management Studio* that provides support for SQL Server 2019 preview!

SSMS 17.9.1 is the current General Availability (GA) version of SSMS

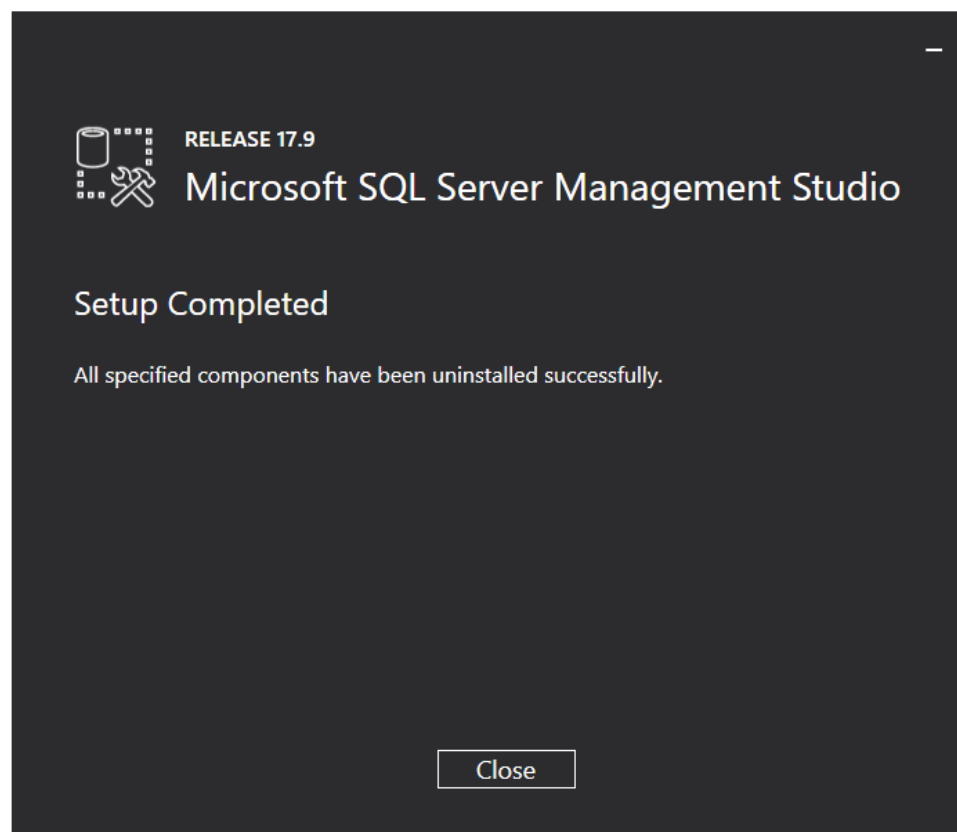
 [Download SQL Server Management Studio 17.9.1](#)

 [Download SQL Server Management Studio 17.9.1 Upgrade Package \(upgrades 17.x to 17.9.1\)](#)

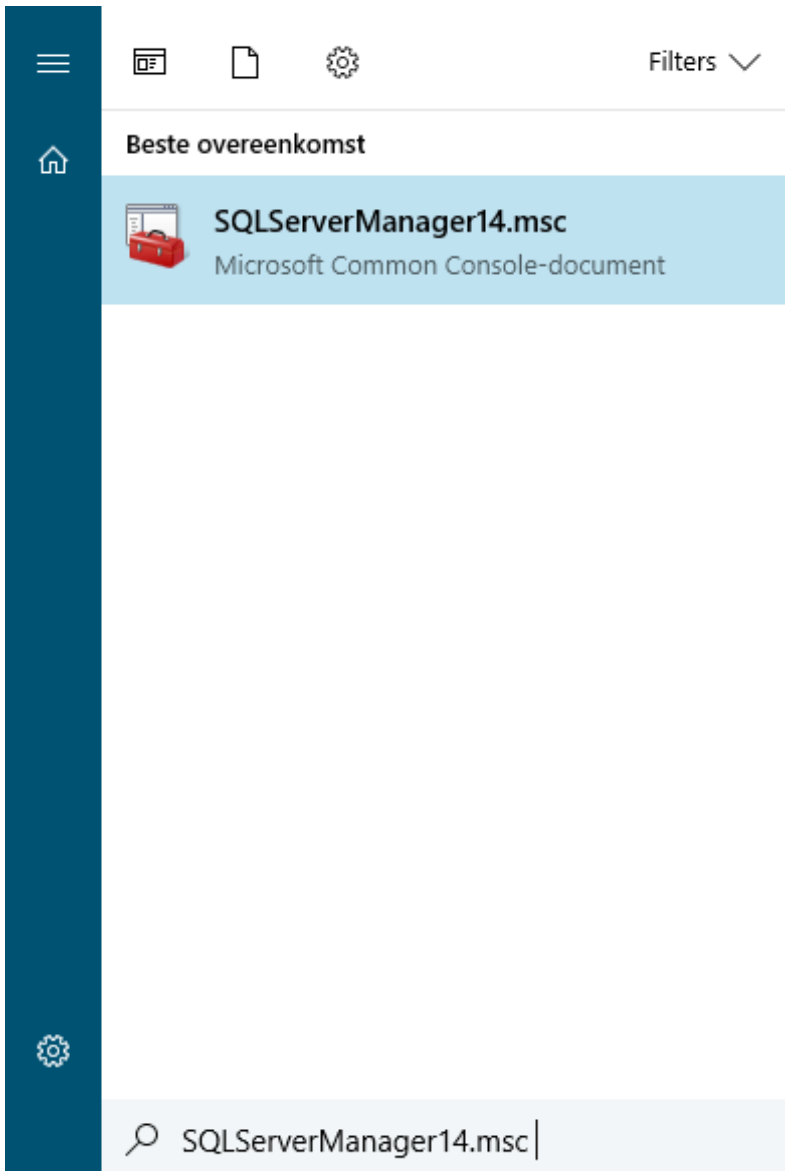
Klik op "Install"



Klik op "Close"



Start SQLServerManager14.msc



The image shows a Windows File Explorer window with a dark blue sidebar on the left. The sidebar contains a hamburger menu icon at the top, a home icon below it, and a gear icon at the bottom. The main area of the window has a light blue header with three icons: a folder, a document, and a gear. To the right of these icons is the text "Filters" followed by a downward arrow. Below the header, the text "Beste overeenkomst" is displayed. A search bar at the bottom of the window contains the text "SQLServerManager14.msc" with a magnifying glass icon to its left. The search results area shows a single item: "SQLServerManager14.msc" with a red toolbox icon to its left and the subtitle "Microsoft Common Console-document" below it.

Klik op "SQL Server Network Configuration" klik op TCP/IP en zet Enabled op "Yes"

The screenshot shows the SQL Server Configuration Manager interface. On the left, the tree view is expanded to 'SQL Server Network Configuration'. The main pane displays a table of network protocols:

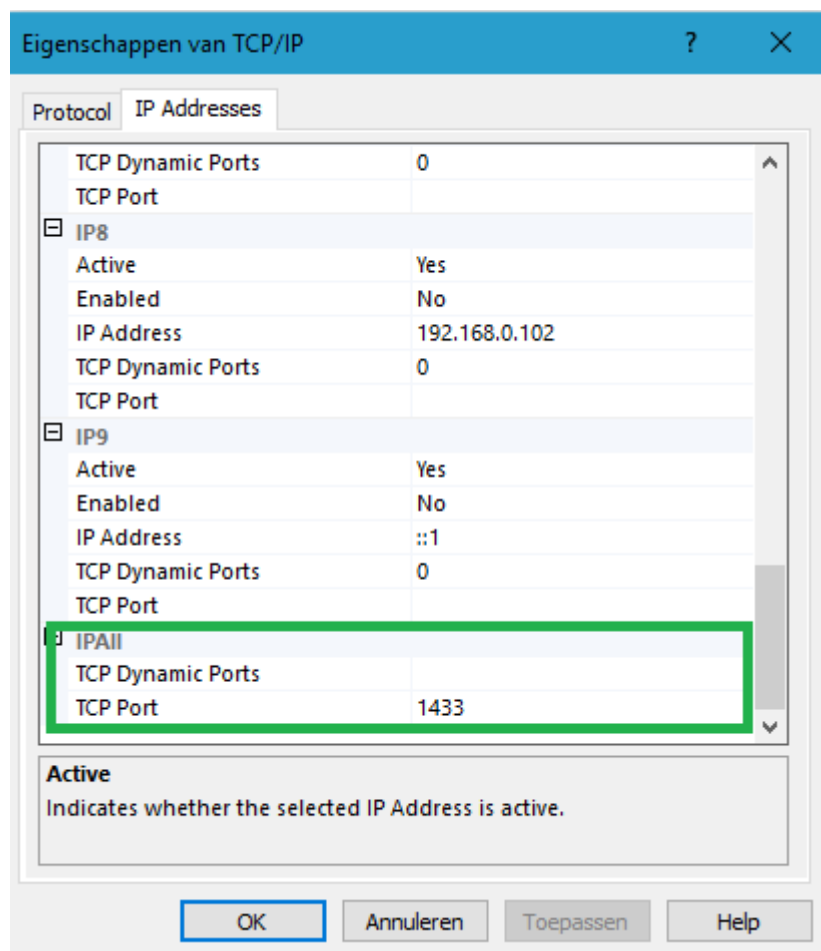
Protocol Name	Status
Shared Memory	Enabled
Named Pipes	Disabled
TCP/IP	Disabled

The 'TCP/IP' protocol is selected, and the 'Eigenschappen van TCP/IP' dialog box is open. The 'General' tab is active, showing the following settings:

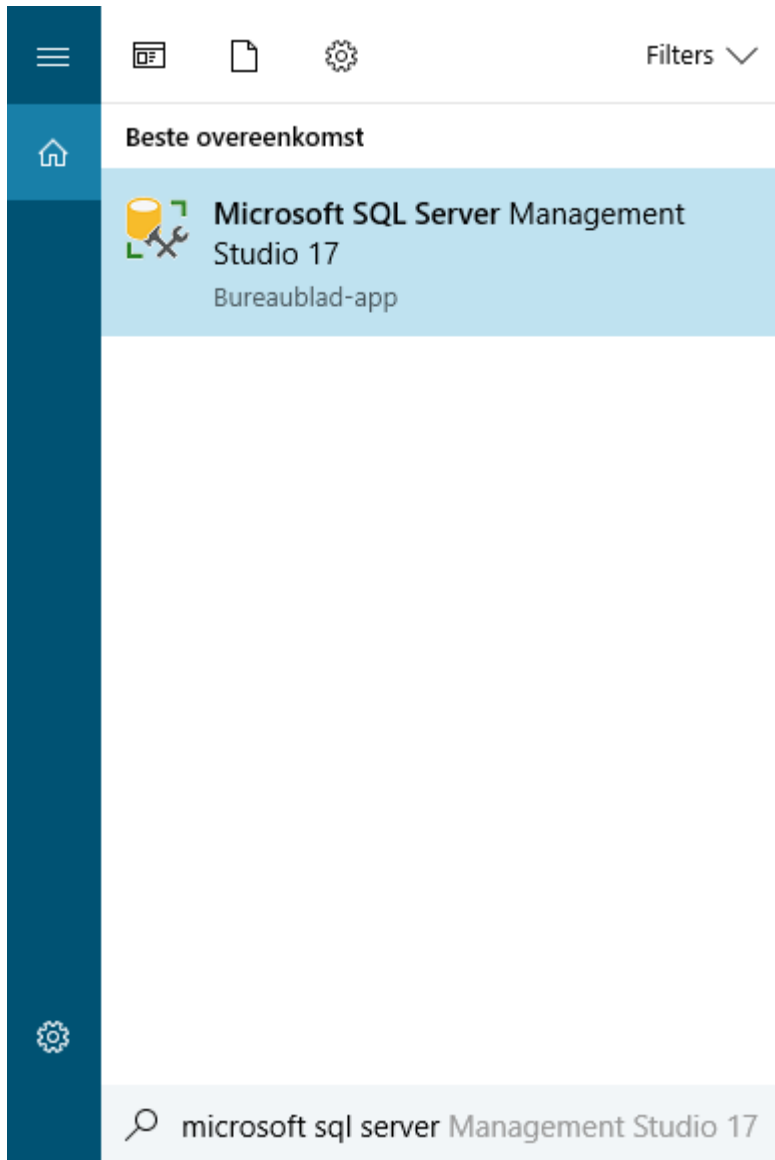
Property	Value
Enabled	No
Keep Alive	Yes
Listen All	No

At the bottom of the dialog, the status is 'Enabled' and the text reads 'Enable or disable TCP/IP protocol for this server instance'. The 'OK' button is highlighted with a red box. Red arrows indicate the sequence of actions: from the 'SQL Server Network Configuration' folder to the 'TCP/IP' protocol in the table, and from the 'Enabled' dropdown in the dialog to the 'OK' button.

Klik op het tabje "IP Addresses" scrol helemaal naar beneden en maak het vakje bij "TCP Dynamic Ports" leeg en vul bij "TCP Port" 1433 in en klik op "Ok"




Start Microsoft SQL Server Management Studio 17



The image shows a Windows Start menu search interface. At the top, there are icons for a list, a document, and a gear, along with the text "Filters" and a downward arrow. Below this is a search bar containing the text "microsoft sql server Management Studio 17". The search results are displayed in a list format. The first result is "Beste overeenkomst" (Best match), which is highlighted in blue. Below it is the application "Microsoft SQL Server Management Studio 17", which is also highlighted in blue. The application icon is a yellow cylinder with a green square and a black wrench. Below the application name is the text "Bureaublad-app" (Desktop app). At the bottom of the search bar, there is a magnifying glass icon and the text "microsoft sql server Management Studio 17".

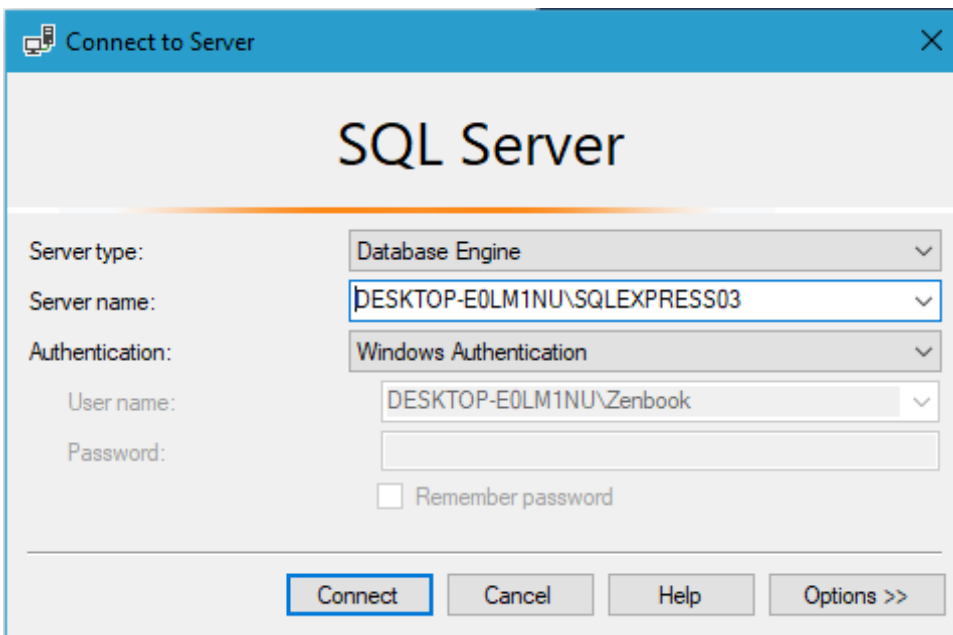
Filters ▾

Beste overeenkomst

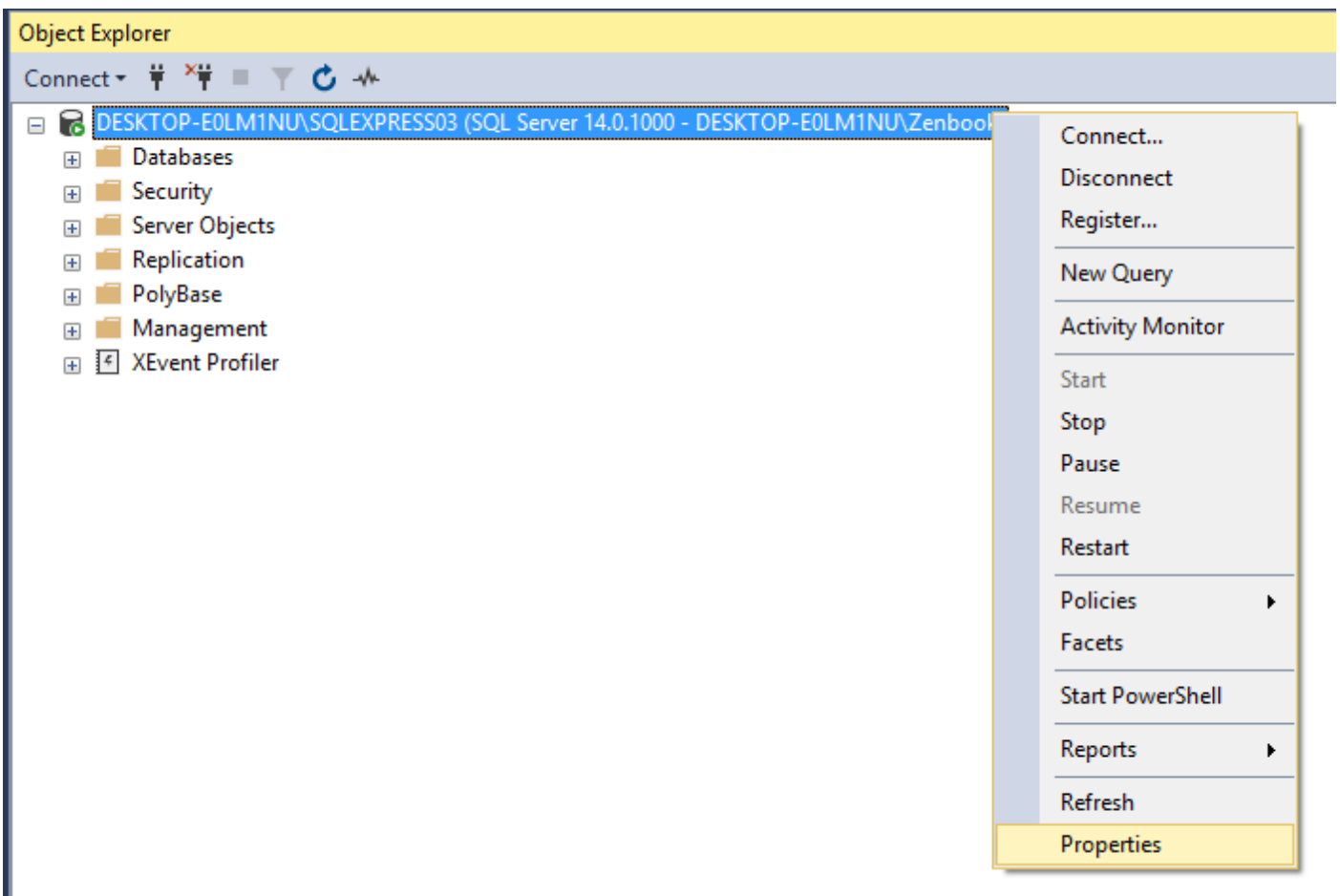
 Microsoft SQL Server Management Studio 17
Bureaublad-app

microsoft sql server Management Studio 17

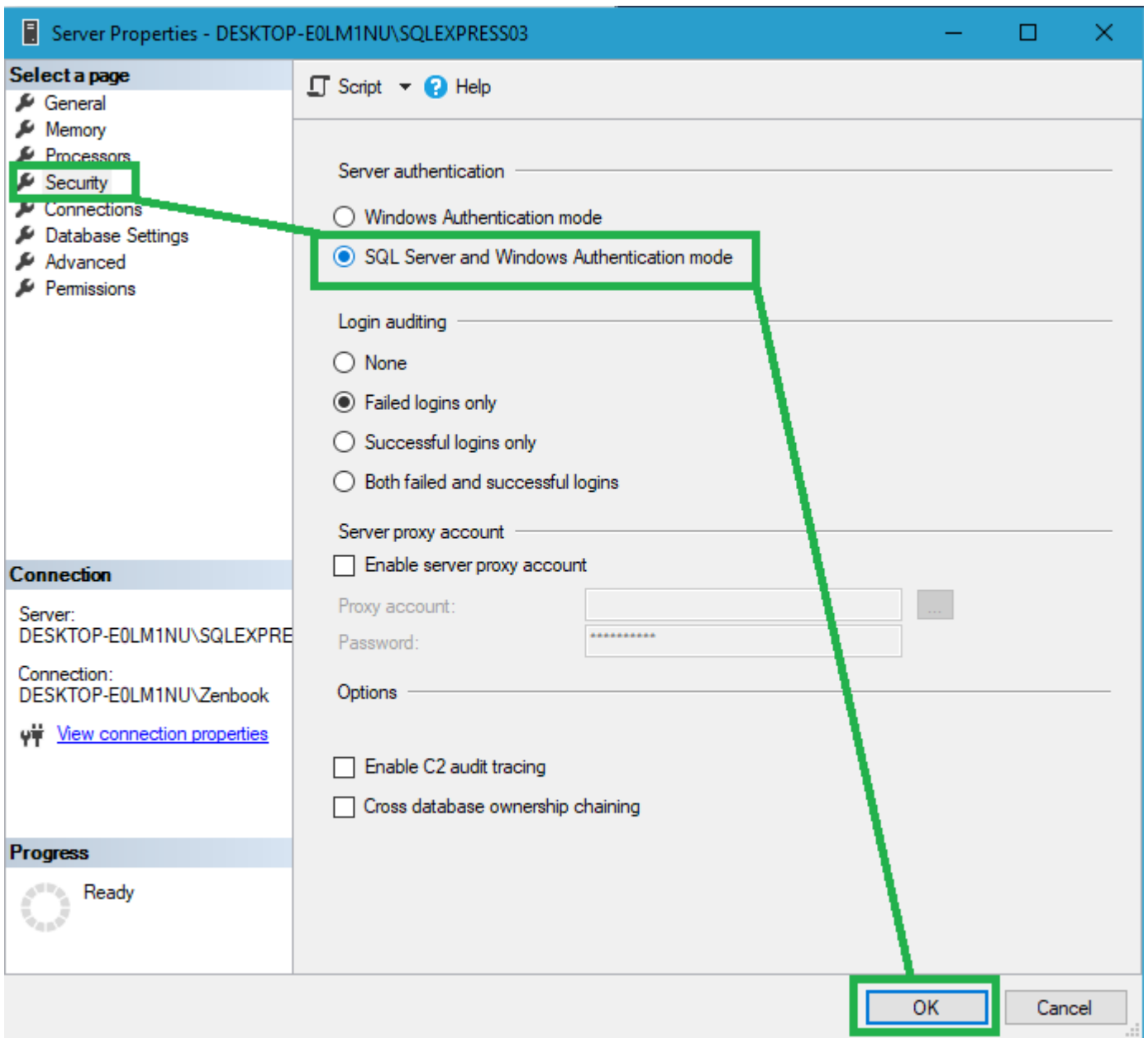
Kies de juiste server name en klik op **“Connect”**



Klik met de rechtermuisknop op de server en klik op **“Properties”**



Klik op **“Security”** en klik op het bolletje **“SQL Server and Windows Authentication mode”** klik op **“Ok”**



Navigeer naar de map C://Program Files/Microsoft SQL Server /MSSQL11.MSSQLSERVER/MSSQL/DATA/

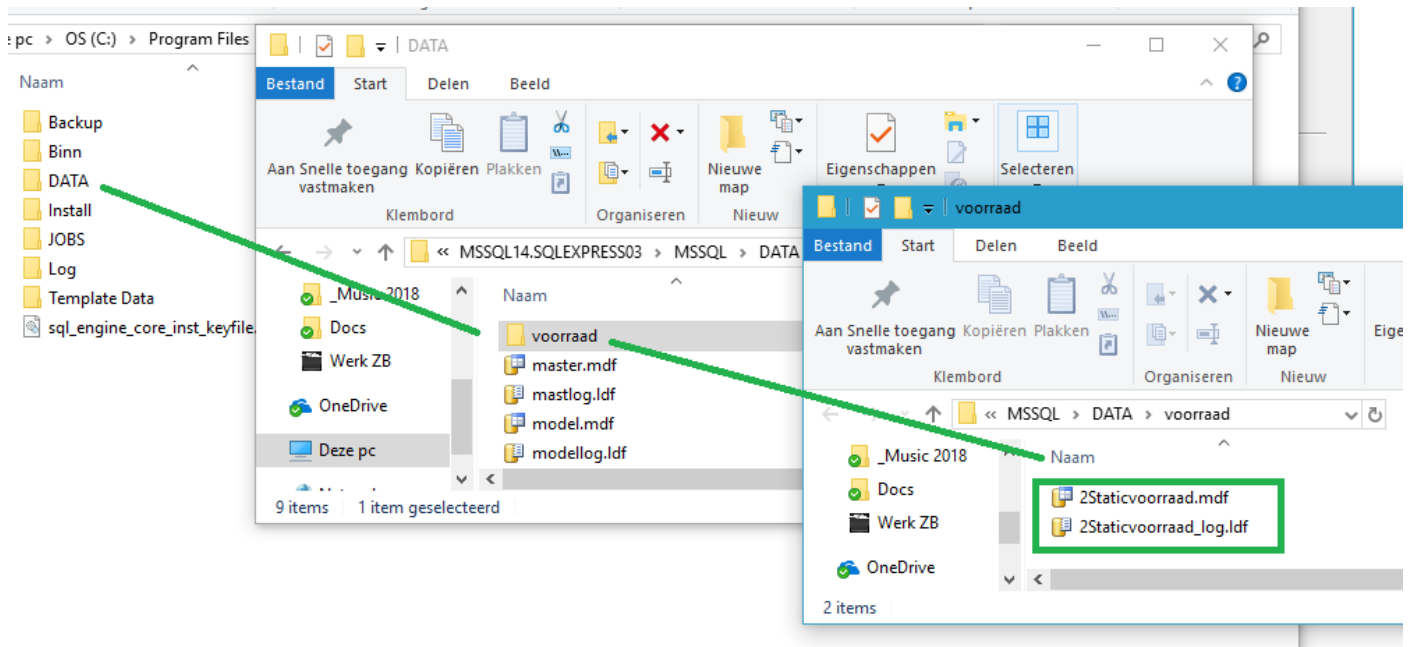
Maak hier een map aan en noem deze “**voorraad**”

Plaats in deze map het MDF en log bestand (database file)

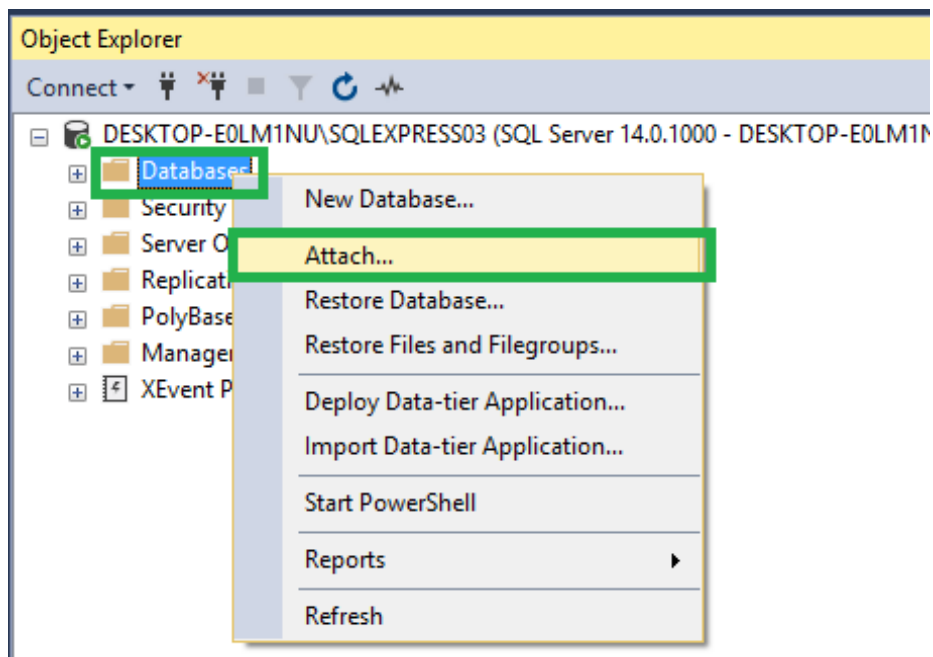
Het database en Log bestand kan worden gedownload via de volgende link:

www.2static.com/SQLDB/SQLVOORRAADDB.rar

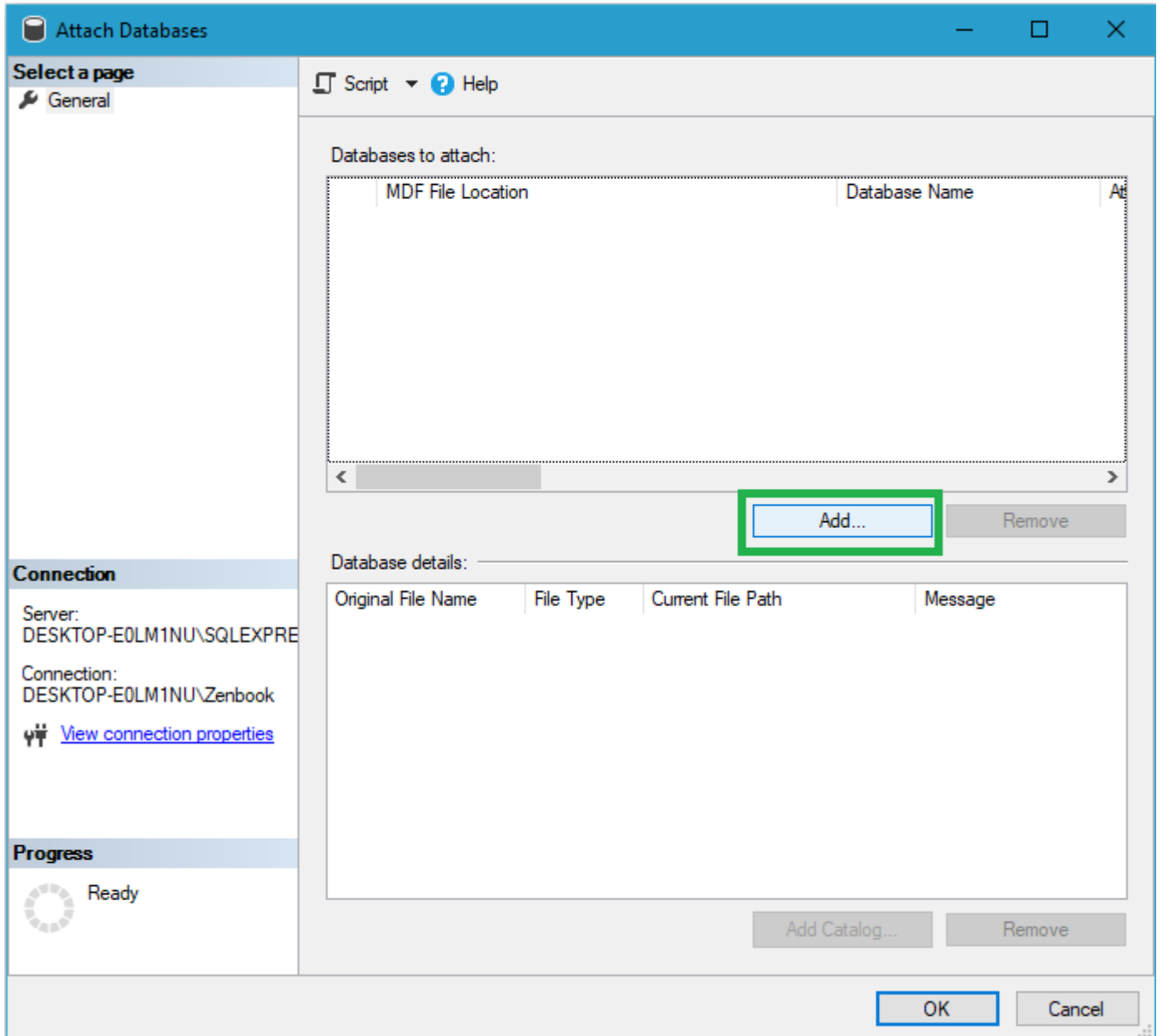
Pak dit bestand uit en plaats de 2 bestanden (2Staticvoorraad.mdf en 2Staticvoorraad_log.ldf) in de map “**voorraad**” die we zojuist hebben aangemaakt.



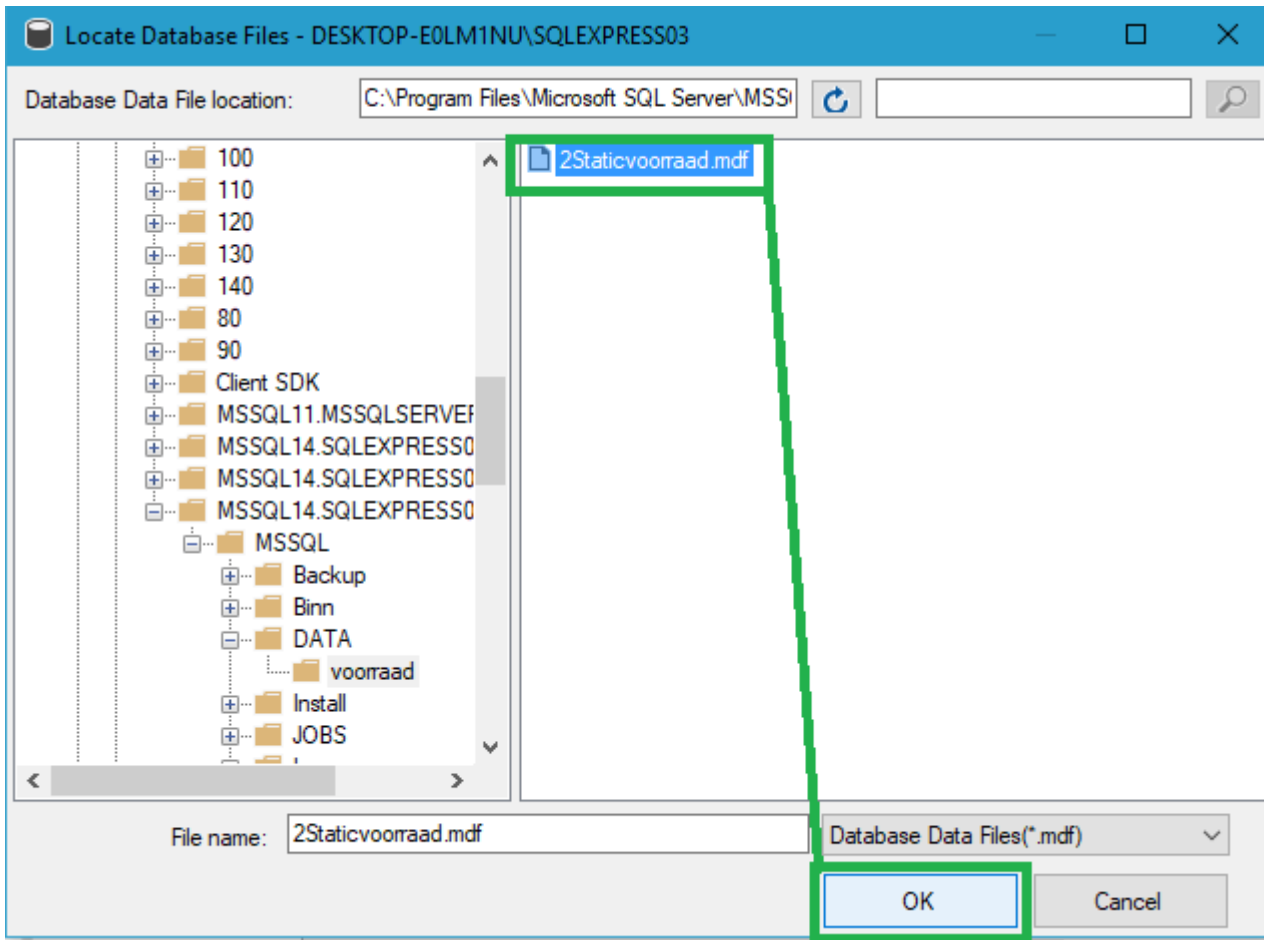
Klik nu met de rechtermuisknop op “Databases” en dan op “Attach...”



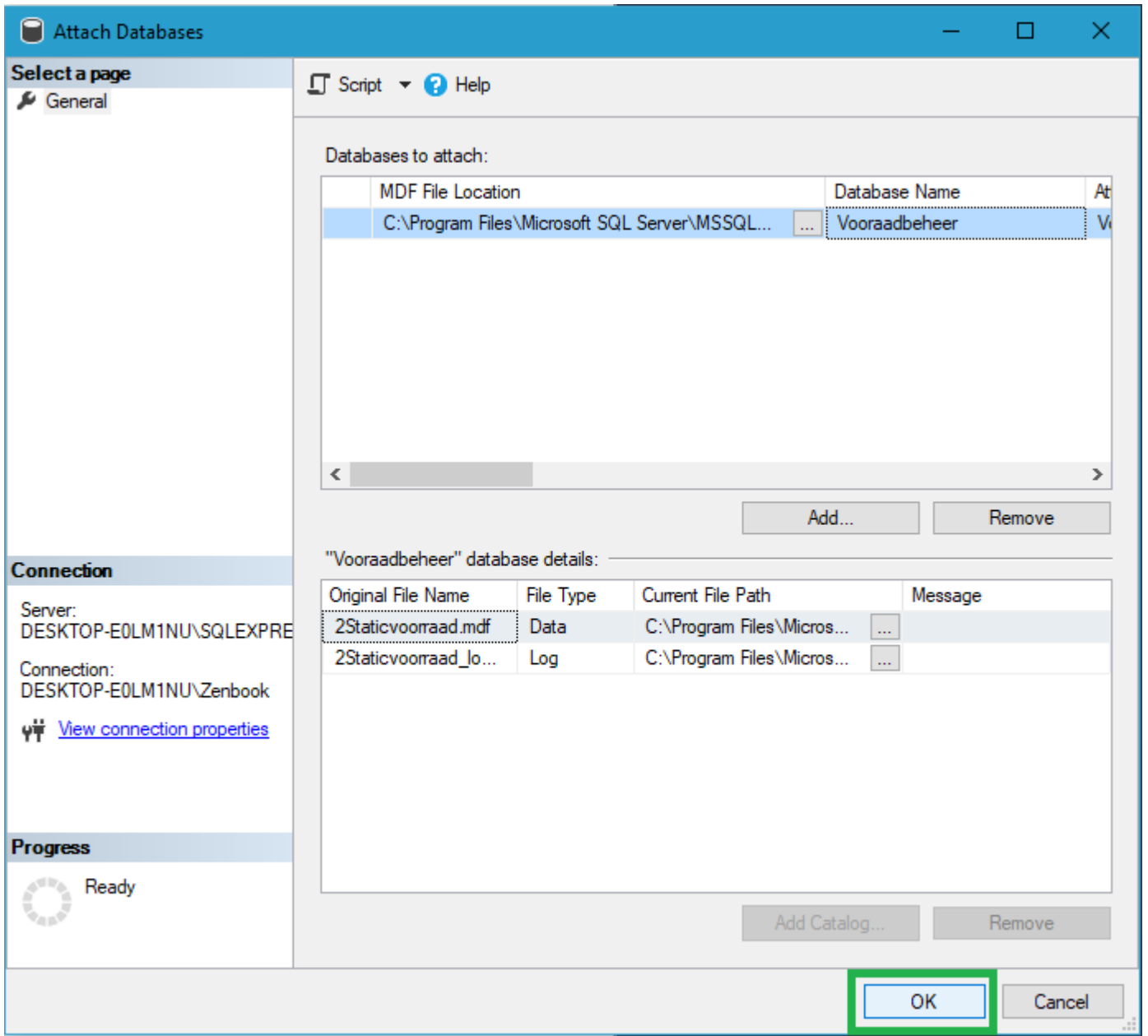
Klik op "Add.."



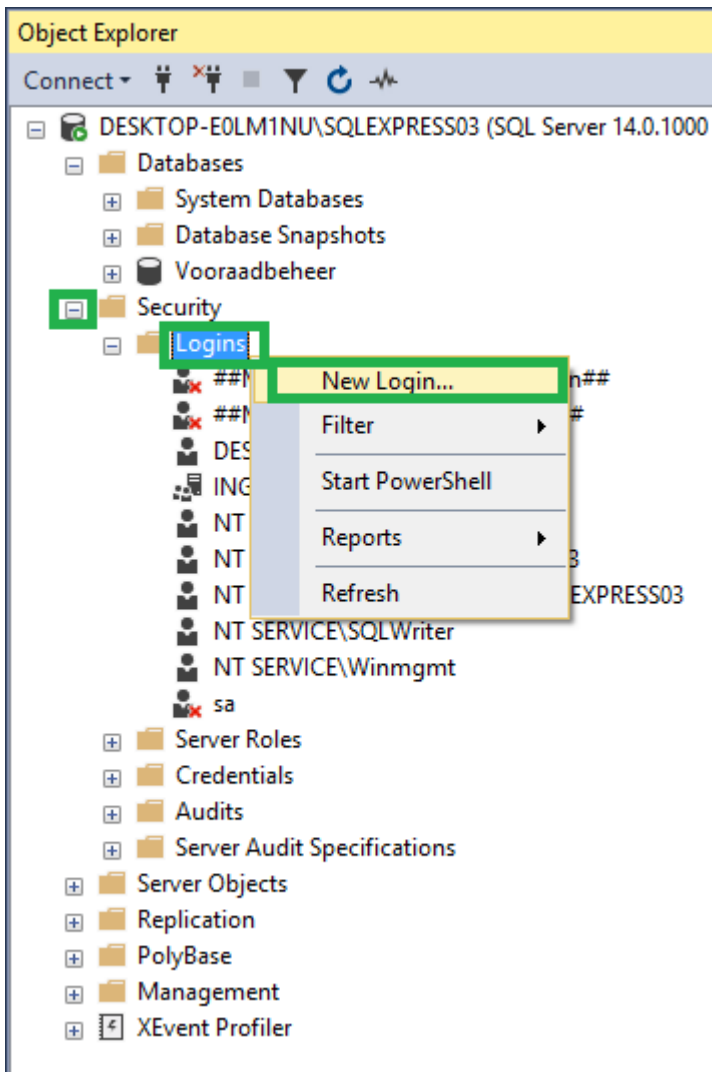
Navigeer naar de map C:/Program Files/Microsoft SQL Server /MSSQL11.MSSQLSERVER/MSSQL/DATA/voorraad selecteer **2Staticvoorraad.mdf** en klik op “Ok”



Klik nogmaals op "Ok"



Klik op + naast “Security” klik met de rechtermuisknop op “Logins” en kies “New Login...”



Kies een loginnaam klik op het bolletjes “SQL Server Authentication” en verzin een Password, klik het vinkje “Enforce password policy” uit en kies bij “Default database” Voorraadbeheer

Login - New

Script Help

Select a page

- General
- Server Roles
- User Mapping
- Securables
- Status

Connection

Server: DESKTOP-E0LM1NU\SQLEXPRES

Connection: DESKTOP-E0LM1NU\Zenbook

[View connection properties](#)

Progress

Ready

Login name: Search...

Windows authentication

SQL Server authentication

Password:

Confirm password:

Specify old password

Old password:

Enforce password policy

Enforce password expiration

User must change password at next login

Mapped to certificate

Mapped to asymmetric key

Map to Credential Add

Mapped Credentials

Credential	Provider
------------	----------

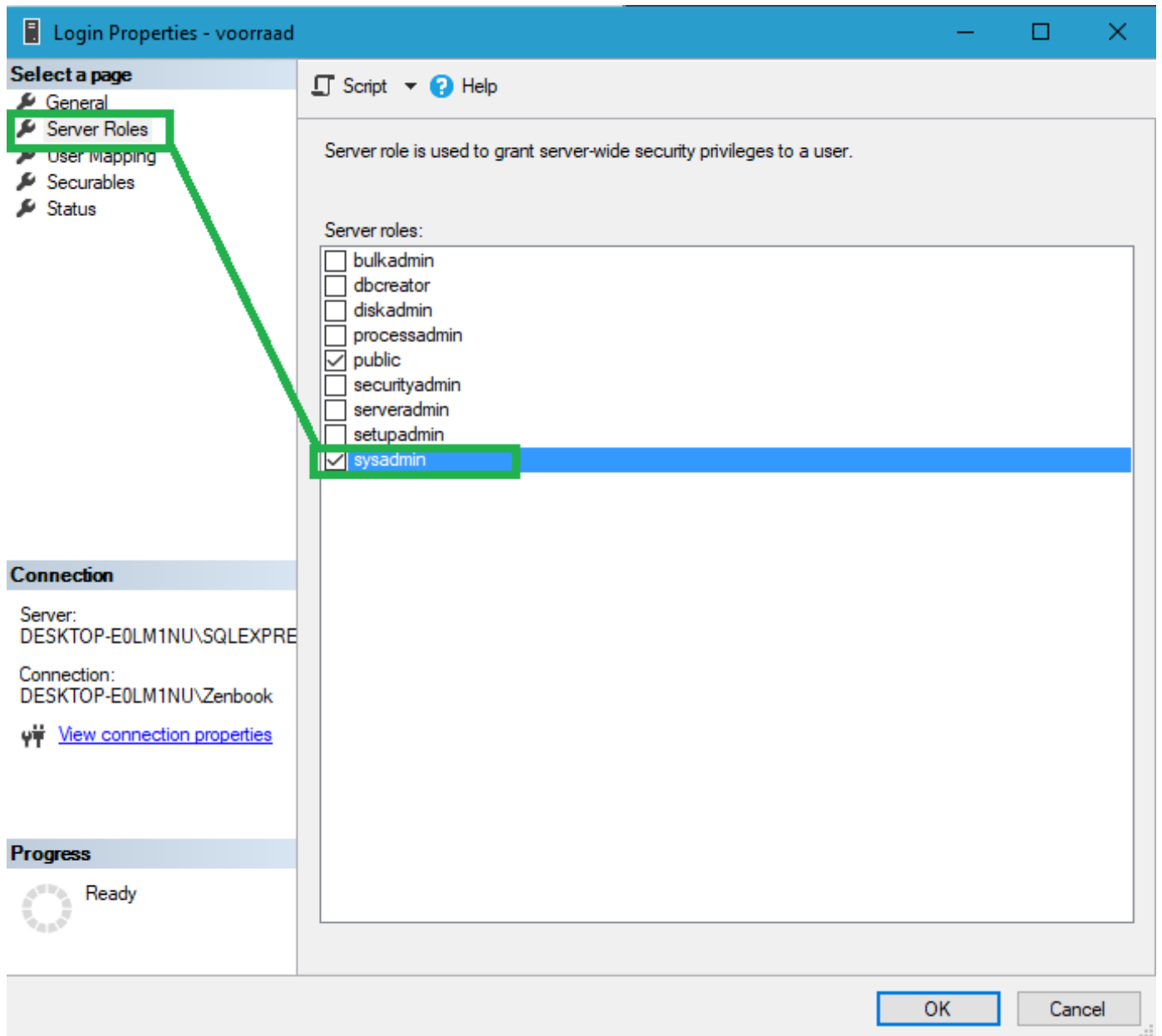
Remove

Default database:

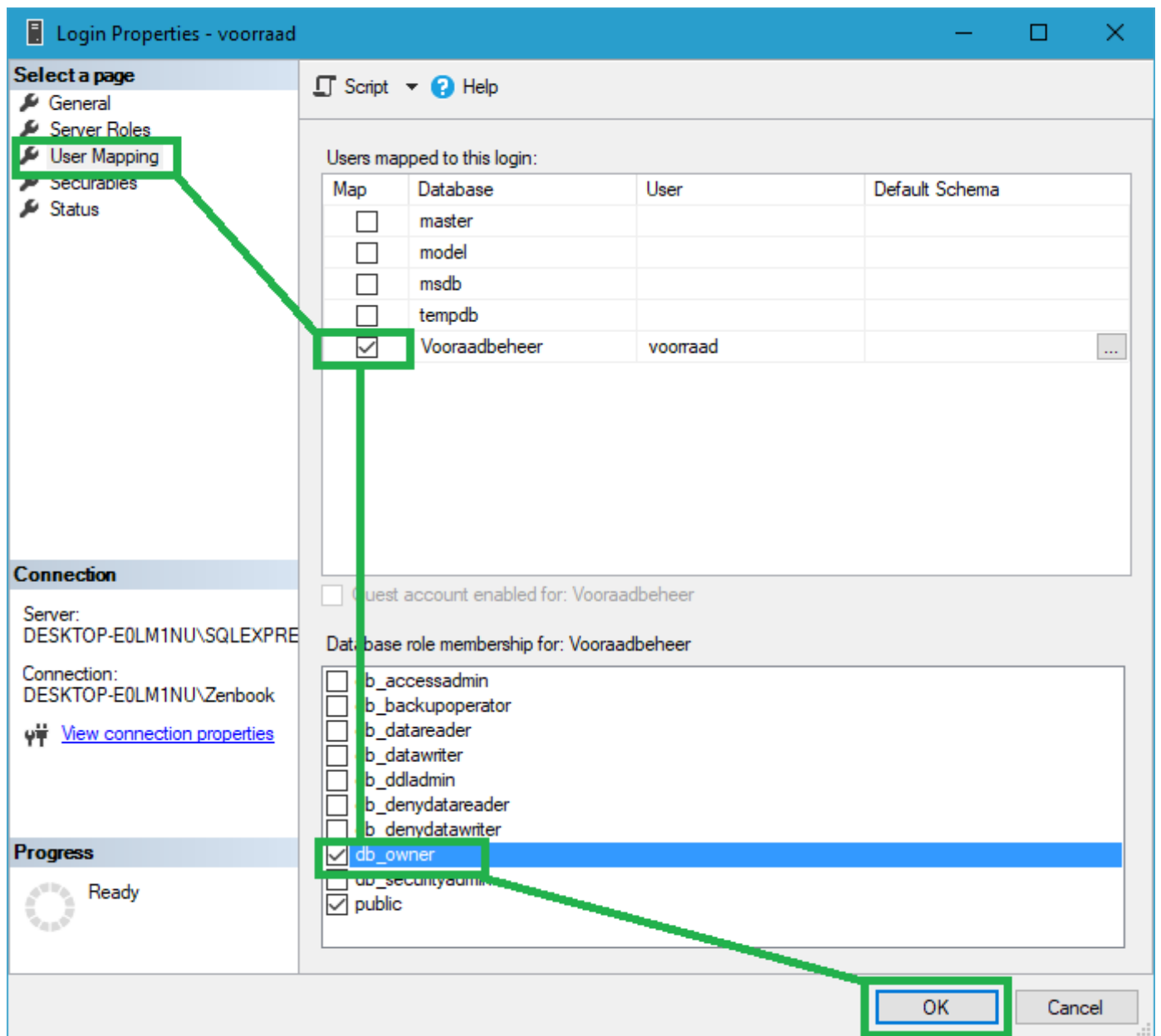
Default language:

Cancel

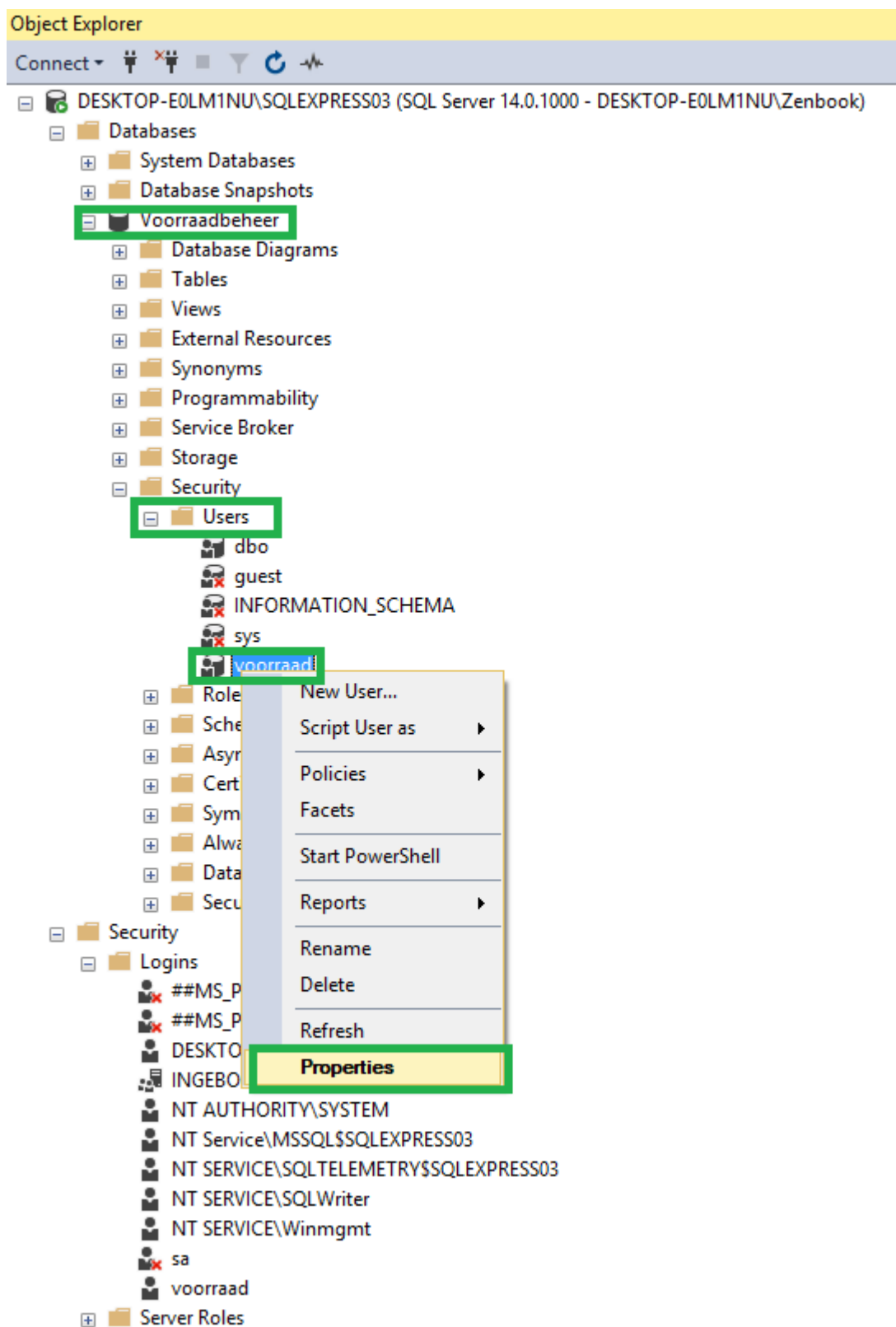
Klik op "Server Roles" en vink "sysadmin" aan.



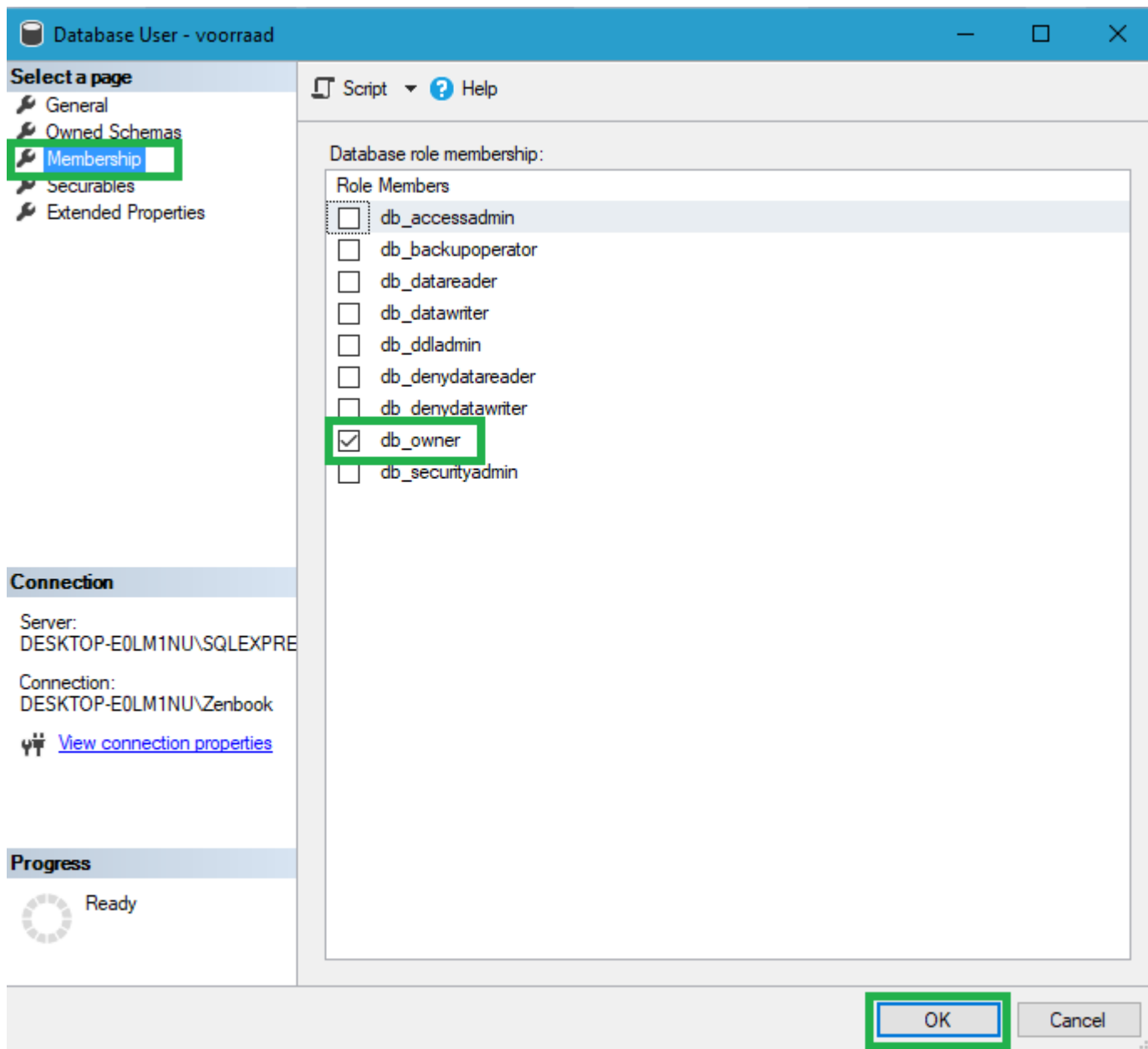
Klik op "User Mapping" vink "Voorraadbeheer" en "DB_owner" aan en klik op "Ok"



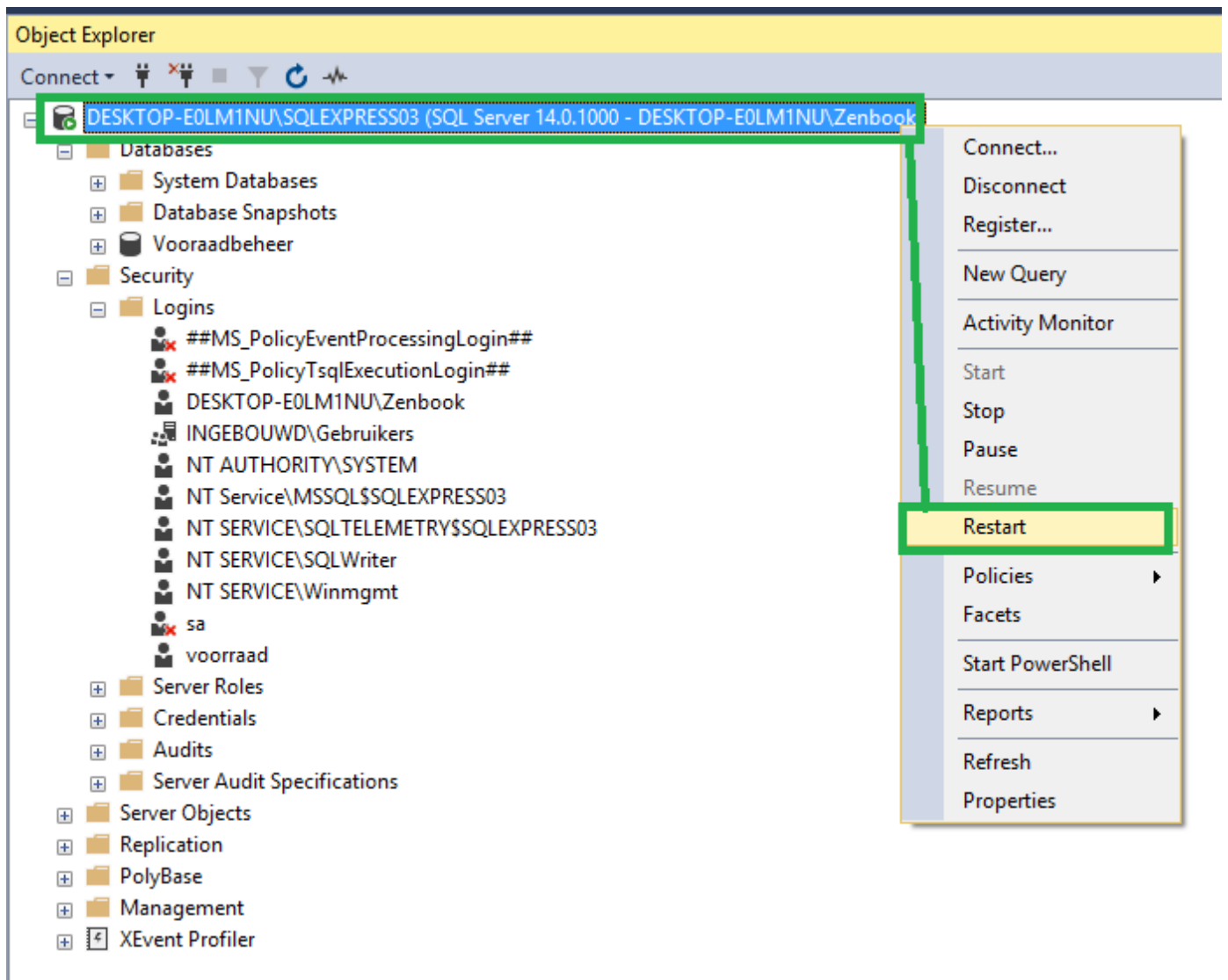
Klik op **Voorraadbeheer**-> **Users**-> klik met de rechtermuisknop op **voorraad** en dan op **“Properties”**



Klik op **Membership** en vink **db_owner** aan en klik op **OK**



Klik met de rechtermuisknop op de **server** en klik op “**Restart**”



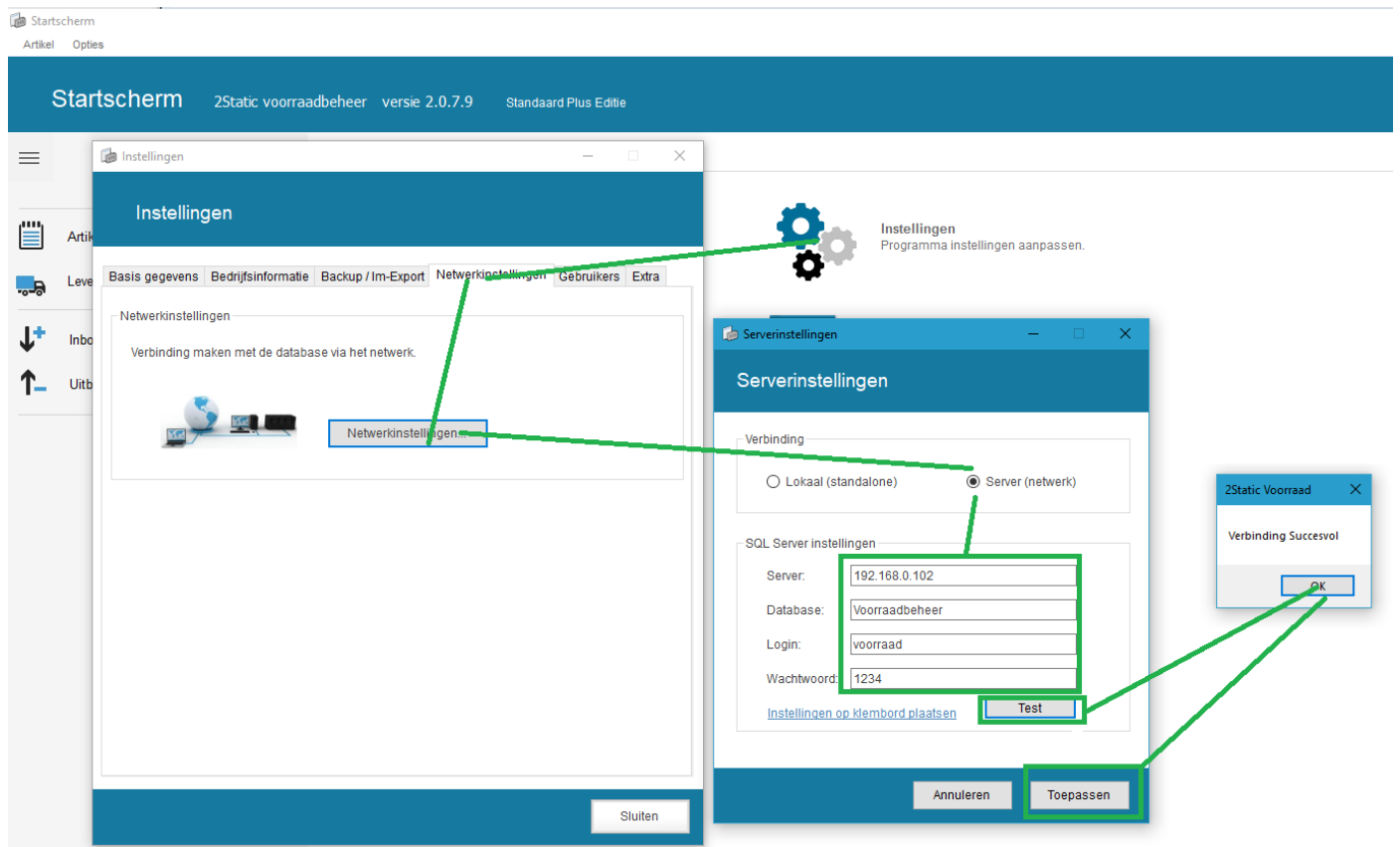
Tot slot moeten we nog een inkomende uitzondering in de firewall maken voor de SQL server:

C:\Program Files\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\Binn\ **sqlservr.exe**

Wanneer er ook gebruik wordt gemaakt van een handterminal moeten we ook poort **1433** openzetten in de firewall.

Als alles goed is kunnen we nu vanuit 2Static verbinding maken met deze database vanuit andere computers in het netwerk.

Klik vanuit het startscherm in 2Static voorraad op **instellingen**→**netwerkinstellingen** en voer de gegevens in die we zojuist hebben aangemaakt.



Let op, bij het verbinden van een handterminal moet achter het IP-adres nog het poortnummer (1433) worden vermeld (dit geldt niet voor de PC-versie zoals hierboven)

Voorbeeld 192.168.0.102,1433

(let op de komma tussen het ip-adres en het poortnummer)