SQL Server

Inhoud

[Installatie 3](#__RefHeading___Toc2684_2284446989)

[Gebruikte server 3](#__RefHeading___Toc2686_2284446989)

[Instellingen 3](#__RefHeading___Toc2688_2284446989)

[Setup 3](#__RefHeading___Toc2690_2284446989)

[Configuratie 3](#__RefHeading___Toc2692_2284446989)

[Basis 3](#__RefHeading___Toc2694_2284446989)

[Geef Intern netwerk statisch IP 3](#__RefHeading___Toc2696_2284446989)

[Hernoem server 4](#__RefHeading___Toc2698_2284446989)

[SQL 6](#__RefHeading___Toc2700_2284446989)

# Installatie

## Gebruikte server

* Windows Server 2016 NL

## Instellingen

* RAM: 2048MB
* Intern geheugen: 50GB
* Netwerkadapter 1: NAT
* Netwerkadapter 2: Intern Netwerk

## Setup

* Bureaubladervaring
* Licentievoorwaarden accepteren
* Aangepast: alleen Windows installeren (geavanceerd)
* Gebruikersnaam: Administrator
* Wachtwoord: Project2018

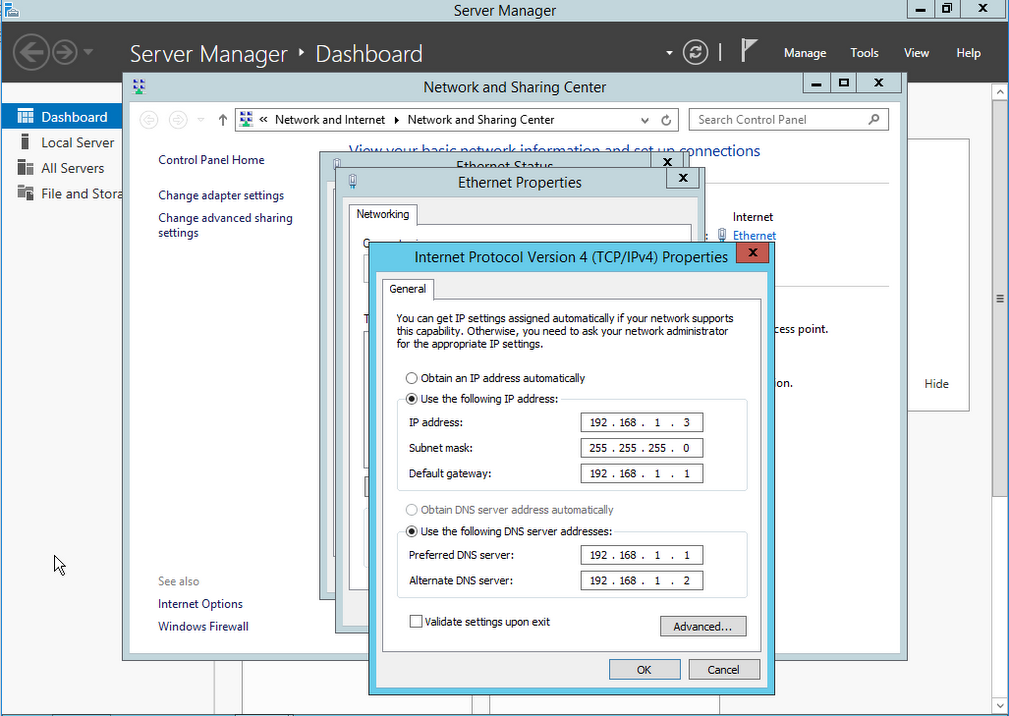
# Configuratie

**ZORG DAT MINSTENS 1 VAN DE 2 DOMEINCONTROLLERS DRAAIT!**

## Basis

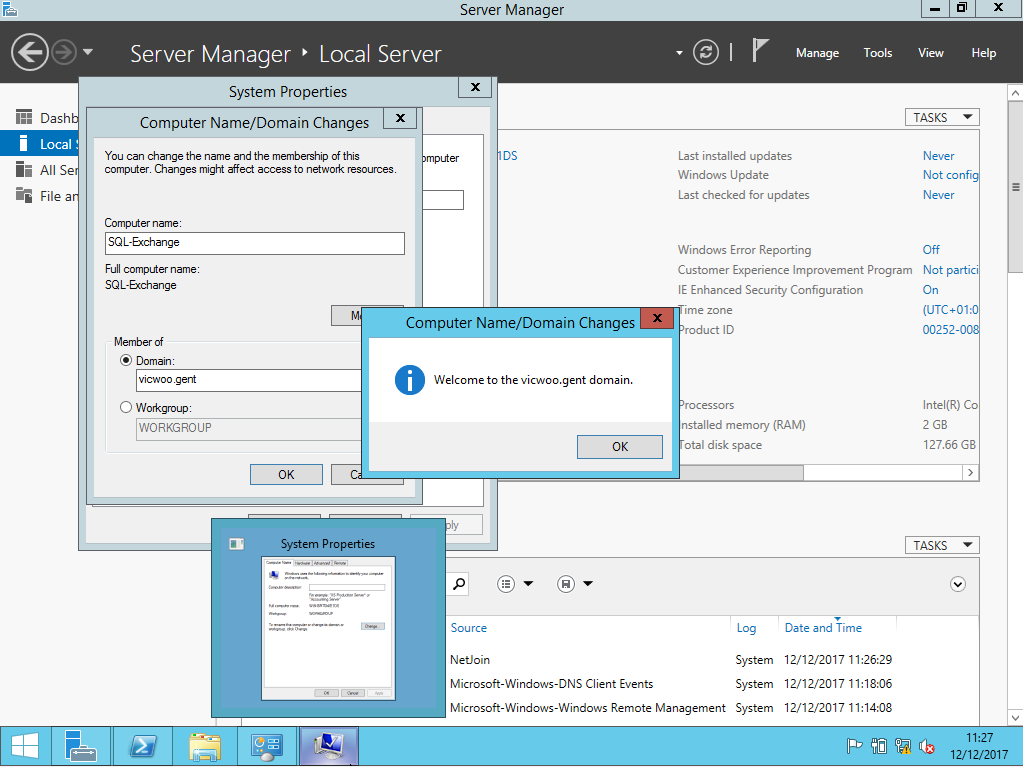
### Geef Intern netwerk statisch IP

* Netwerkcentrum openen
* Ethernet
* Eigenschappen
* Internet Protocol versie 4 (TCP/IPv4) (dubbelklik)
* Geef ip: 192.168.1.3
* Geef Subnetmasket: 255.255.255.0
* Default Gateway: 192.168.1.1
* Voorkeurs-DNS-server: 192.168.1.1
* Alternatieve-DNS-server: 192.168.1.2



### Hernoem server

* Lokale server
* Computernaam
* Wijzigen
* Computernaam: SQL
* Lid van:   
  Domein: jenduf.gent
* Computernaam en/of domein wijzigen  
  gebruiker: jenduf\Administrator  
  wachtwoord: Project2018
* Start machine opnieuw op



## SQL

## Powershell:

### Script 1:

#Activeer PS

Set-ExecutionPolicy Unrestricted

Function setName{

Write-Host 'Computernaam wijzigen'

#Change Name

Get-WmiObject win32\_ComputerSystem

$ComputerName = Get-WmiObject win32\_ComputerSystem

$name = "SQLServer"

$ComputerName.Rename($name)

}

Function setIP{

Write-Host 'IP addres geven'

#IP configuration

New-NetIPAddress -InterfaceAlias "Ethernet 2" -IPAddress 192.168.1.3 -DefaultGateway 192.168.1.1 -PrefixLength 24

Set-DnsClientServerAddress -InterfaceAlias "Ethernet 2" -ServerAddresses 192.168.1.1, 192.18.1.2

}

Function createDirectories{

Write-Host 'Directories aanmaken'

#Directories

MD 'C:\Program Files\Microsoft SQL Server'

MD 'C:\Program Files (x86)\Microsoft SQL Server'

MD 'c:\Program Files (x86)\Microsoft SQL Server\DReplayClient\ResultDir'

MD 'c:\Program Files (x86)\Microsoft SQL Server\DReplayClient\WorkingDir'

}

Function NuGet{

Install-PackageProvider -Name NuGet -MinimumVersion 2.8.5.201 -Force

}

Function ServerManager {

Import-Module ServerManager

}

Function NET {

echo "Downloading .NET..."

cd C:/

wget "https://download.microsoft.com/download/8/E/2/8E2BDDE7-F06E-44CC-A145-56C6B9BBE5DD/NDP471-KB4033344-Web.exe" -OutFile NDP471-KB4033344-Web.exe

.\NDP471-KB4033344-Web.exe /q

Install-WindowsFeature Net-Framework-Core -source C:\NDP471-KB4033344-Web.exe

}

Function JAVA {

Write-Host 'Java installeren'

cd C:/

wget "http://javadl.oracle.com/webapps/download/AutoDL?BundleId=235725\_2787e4a523244c269598db4e85c51e0c" -OutFile jre-8u191-windows-x64.exe

Start-Process -FilePath ".\jre-8u191-windows-x64.exe" -ArgumentList '/s' -wait -PassThru

}

setName

setIP

createDirectories

NuGet

ServerManager

NET

JAVA

Restart-Computer

### Script 2:

Function Firewall{

Write-Host 'Firewall Config'

Set-NetFirewallProfile -Profile Domain,Public,Private -Enabled False

Write-Host 'Firewall Rule Port 1433'

New-NetFirewallRule -DisplayName "MSSQL ENGINE TCP" -Direction Inbound -LocalPort 1433 -Protocol TCP -Action Allow

}

Function JoinDomain{

Write-Host 'Trying to join domain jenduf.gent'

$DomainName = "jenduf.gent"

$SafeModeAdministratorPassword = "Project2018" | ConvertTo-SecureString -AsPlainText -Force

$domain = "jensduf"

$joindomainuser = "Administrator"

$credential = New-Object System.Management.Automation.PSCredential($joindomainuser,$SafeModeAdministratorPassword)

Add-Computer -DomainName $DomainName -Credential $credential

}

JoinDomain

Firewall

Restart-Computer

### Script 3: