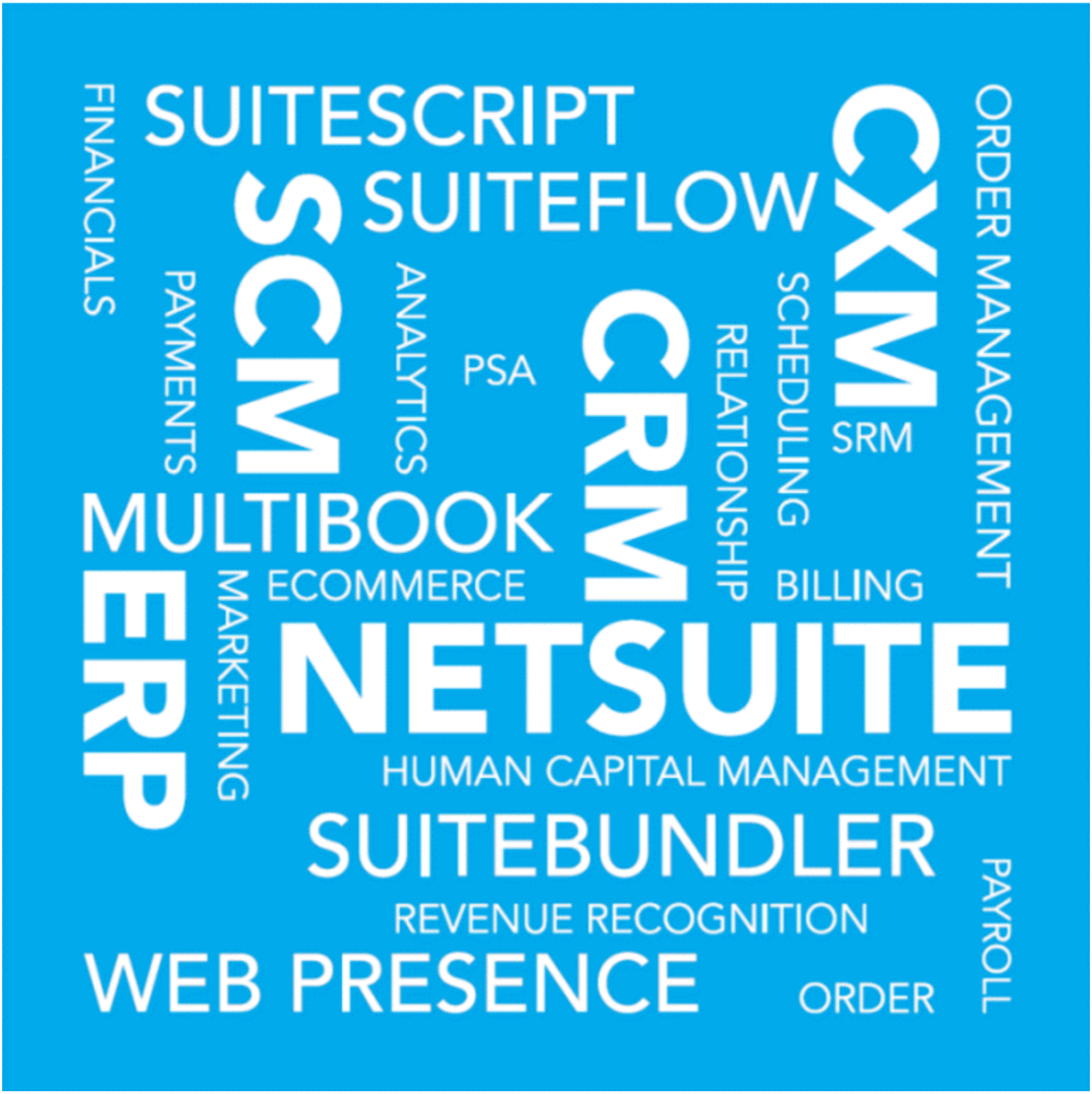
# NSPOS MS SQL Server 2016 Installation – New Install




March 8, 2019

Release 2018.2.X and greater

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# Install the MS SQL Server 2016 with SP2 Express (Core) Edition

**Applies to:** NetSuite Point of Sale (NSPOS)

Follow the steps in this topic to install the Microsoft® (MS) SQL Server database application as a **new** installation on your NetSuite Point of Sale (NSPOS) registers.

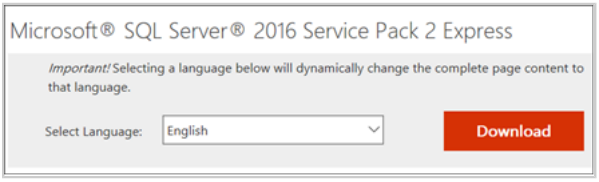
## Prerequisites

- **MS Windows 8.1 or higher (64 bit)** operating system
- **MS .NET Framework 4.6.2** or higher

### Download the MS SQL Server Installer files:

1. Go to the Microsoft site: https://www.microsoft.com/en-us/download/details.aspx?id=56840

   The site will show the **Download** link for **Microsoft® SQL Server® 2016 Service Pack 2 Express**



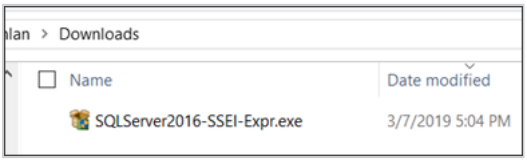

2. Select the **Language** and click **Download**.

   This action downloads the initial installer file.

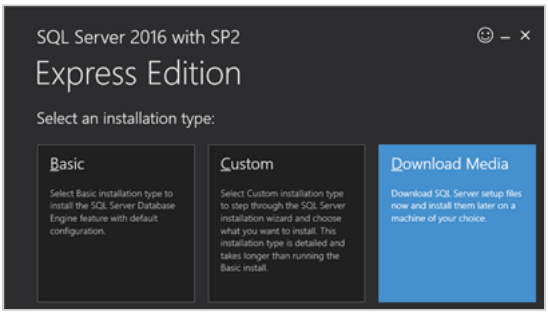
3. If prompted to **Run** or **Save**, choose **Save**.

   Depending on your browser, the file will be saved to the **Downloads** folder designated in your browser settings or you might be prompted to choose a location.

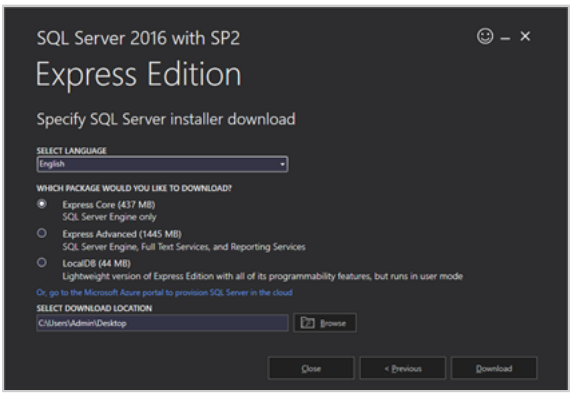
4. Locate the initial file: **SQLServer2016-SSEI-Expr.exe**.




5. Double-click the **.exe** file to begin preparing the application installer file download.
6. From the window that displays, select the **Download Media** option.



7. Select the preferred **Language**.
8. Select the **Express Core** option.

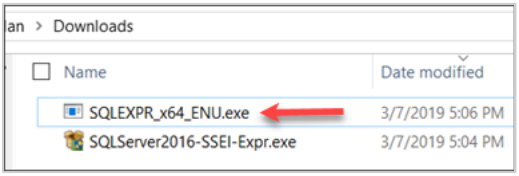



9. Click **Download**.
10. If prompted to **Run** or **Save**, choose **Save**.

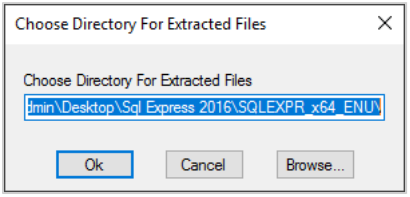
    Depending on your browser, the file will be saved to the **Downloads** folder designated in your browser settings or you might be prompted to choose a location.

## Install the MS SQL Server Application:

1. Locate the downloaded application installer file: **SQLEXPR_x64_ENU.exe**.




2. Double-click the **.exe** file to begin extracting the application installer files.

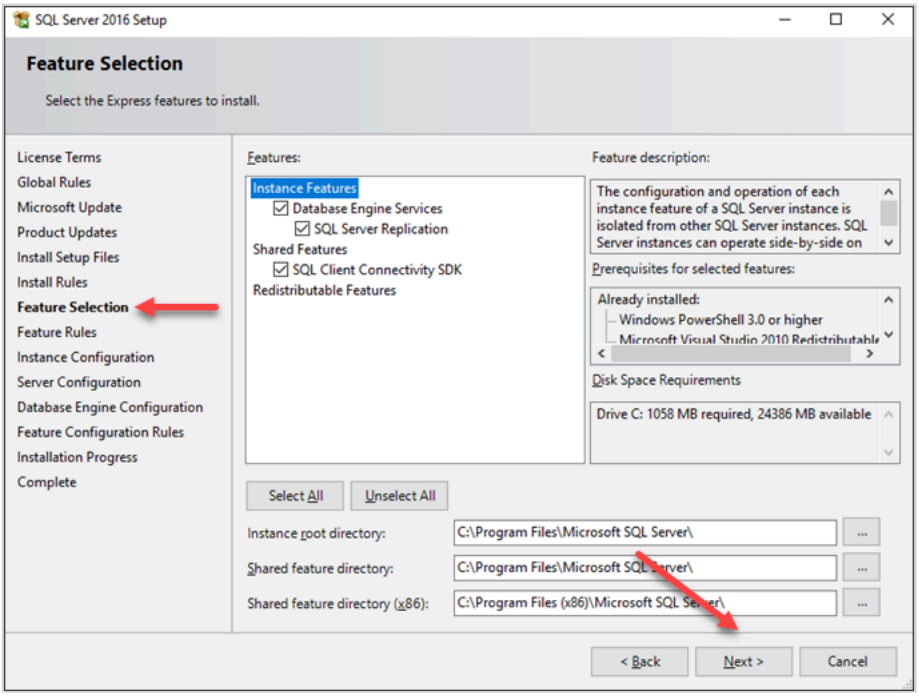



3. Choose a directory for the installation files and click **OK**.

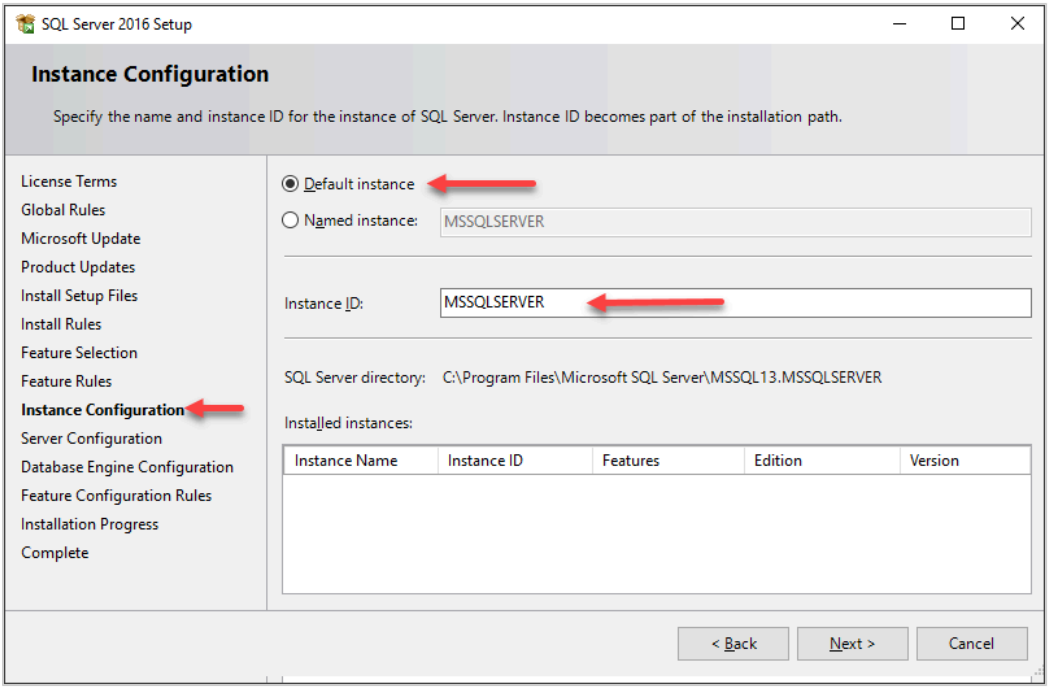
   You will need to locate the **setup.exe** file in that directory.
4. Double-click **setup.exe** from the extracted files.
5. For **Installation Type**, choose:
   - **New SQL Server stand-alone installation or add features to an existing installation**

6. Accept the **License Terms** and **Privacy Statement.**
7. Click **Next**.
8. The NSPOS team recommends checking the **Use Microsoft Update to check for updates** option.

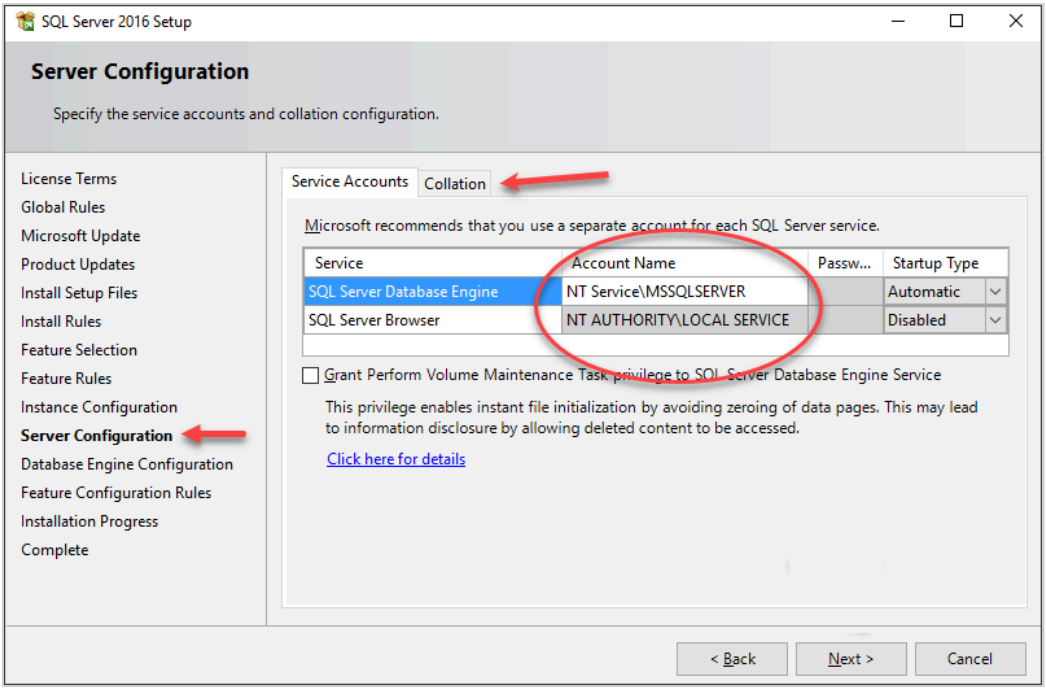
9. Click **Next**.
10. Click **Next** to accept the default feature choices.



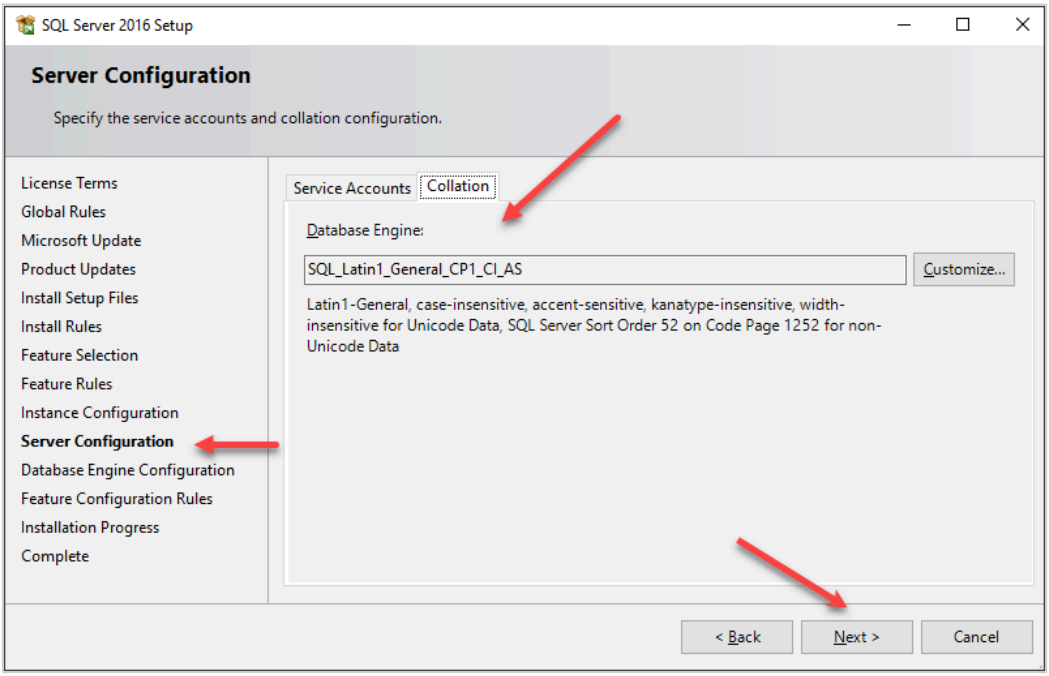

11. Select the **Default instance** option.
12. Verify that the **Instance ID** is **MSSQLSERVER**, not SQLExpress. Change the ID if needed.



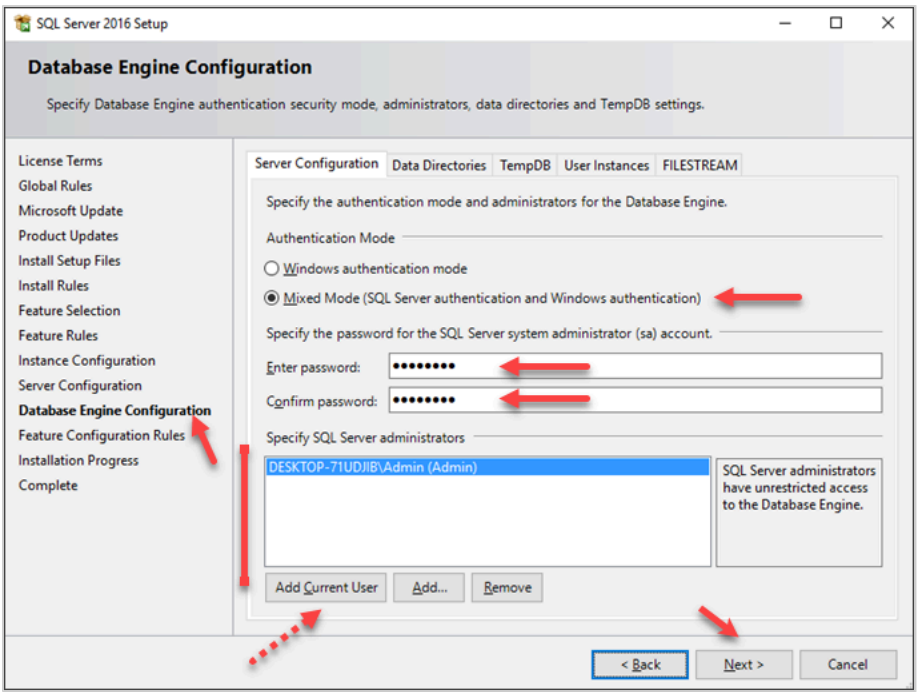

13. Click **Next**.
14. For **Service Accounts**, leave the **Account Name** choices at their defaults.




15. Click the **Collation** tab and verify that the **Database Engine Collation** is set to `SQL_Latin1_General_CP1_CI_AS`. If not, change it to this setting.




16. Click **Next**.
17. On the **Server Configuration** tab, choose **Mixed Mode**.




18. For each **Password** field, enter a password that meets your company's policy for password strength and complexity.
19. Verify that the account you are using to perform the installation is listed in the **Specify SQL Server administrators** area.

    If not, click **Add Current User**.

    IMAGE
20. Click **Next**.
21. Complete the installation.
22. Click **Close**.

**Note:** If required, the **SQL Server Management Studio** needs to be installed separately using the **Install SQL Server Management Tools** option in the **SQL Server Installation Center**.

For more information, visit the official SQL Server Management Studio website.

# Next Steps

After installing the MS SQL Server, you must do a final configuration. See Configure your MS SQL Server for CLR Integration

# Configure your MS SQL Server for CLR Integration

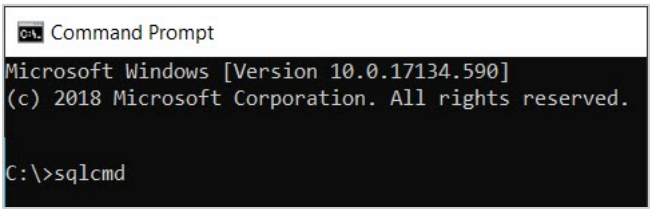
**Applies to:** NetSuite Point of Sale (NSPOS)

Follow the steps in this topic to **configure** your NetSuite Point of Sale (NSPOS) SQL Server 2016 for CLR integration.

The Common Language Runtime (CLR) integration feature for MS SQL servers is disabled by default. You must enable it to use the NSPOS objects that are implemented using CLR integration.

## To configure the SQL Server:

1. Open a **Command line** (cmd.exe).
2. Enter `sqlcmd` and press **Return**.




3. Enter the following commands, pressing **Return** after each line.

```
sp_configure 'show advanced options', 1;
GO
RECONFIGURE;
GO
sp_configure 'clr enabled', 1;
GO
RECONFIGURE;
GO
```

4. Press **Ctrl + C** to quit sqlcmd.
5. Exit the **Command line** window.