

# Installing the Driver Manager



[Download ODBC Driver](#)

This topic contains instructions to install the unixODBC Driver Manager for use with Microsoft ODBC Driver 13 (Preview) and 11 for SQL Server on Linux.

## Important

Delete any driver manager packages installed on your computer before you install the unixODBC Driver Manager. Installing the unixODBC Driver Manager could cause a failure of an existing Driver Manager.

## Installing the Driver Manager for Microsoft ODBC Driver 13 (Preview) for SQL Server

### Using the Installation Script

## Important

Ensure you have the correct package by downloading from one of the following locations and selecting version 13.

- **Red Hat Enterprise Linux 7** - Download: [Microsoft ODBC Driver 13 \(Preview\) and 11 for SQL Server - Red Hat Linux](#)
- **SUSE Linux Enterprise 12** - Download: [Microsoft ODBC Driver 13 and 11 Previews for SQL Server - SUSE Linux](#)
- **Ubuntu 15.04** - Download: [Microsoft ODBC Driver 13 \(Preview\) for SQL Server - Ubuntu Linux](#)

To install the driver manager:

1. Make sure that you have root permission
2. Go to the directory where the MicrosoftSQL Server ODBC Driver download placed the file called msodbcsql-13.0.0.0.tar.gz. Make sure that you have the \*.tar.gz file that matches your version of Linux. To extract the files, execute the following command: **tar xvfz msodbcsql-13.0.0.0.tar.gz**
3. Change to the msodbcsql-13.0.0.0.tar.gz directory and there you should see a file called build\_dm.sh. You can run build\_dm.sh to install the unixODBC Driver Manager
4. To see a list of the available options, execute the following command: **./build\_dm.sh --help**
5. When you are ready to install, and if your computer can access an external site via FTP, execute the following command: **./build\_dm.sh**

If your computer cannot access an external site via FTP, get unixODBC-2.3.1.tar.gz. You can download unixODBC-2.3.1.tar.gz directly using this link: <http://www.unixodbc.org/pub/unixODBC/unixODBC-2.3.1.tar.gz>. UnixODBC-2.3.2+ are not supported with this release of the Microsoft ODBC Driver 13 for SQL Server. Execute the following command to begin the unixODBC Driver Manager installation: **./build\_dm.sh --download-url=file://unixODBC-2.3.1.tar.gz**

6. Type **YES** to proceed with unpacking the files. This part of the process can take up to 5 minutes to complete
7. After the script stops running, follow the instructions on the screen to install the unixODBC Driver Manager

You are now ready to install the driver. See [Installing the Microsoft ODBC Driver for SQL Server on Linux](#) for more information.

### Manual Installation

If the installation script is unable to complete, configure and build the proper driver manager yourself.

1. Remove any older installed version of unixODBC (for example, unixODBC 2.2.13). On Red Hat Enterprise Linux 6, execute the following command: **yum remove unixODBC**. On SUSE Linux Enterprise, **zypper remove unixODBC**. On Ubuntu **apt remove unixodbc**
2. Download the unixODBC-2.3.1 Driver Manager using this link:  
<http://www.unixodbc.org/pub/unixODBC/unixODBC-2.3.1.tar.gz>. UnixODBC-2.3.2+ are not supported with this release of the Microsoft ODBC Driver 13 for SQL Server.
3. On your Linux computer, execute the command: **tar xvzf unixODBC-2.3.1.tar.gz**.
4. Change to the unixODBC-2.3.1 directory.
5. At a command prompt, execute the command: **CPPFLAGS="-DSIZEOF\_LONG\_INT=8"**.
6. At a command prompt, execute the command: **export CPPFLAGS**.
7. At a command prompt, execute the command: **./configure --prefix=/usr --libdir=/usr/lib64 --sysconfdir=/etc --enable-gui=no --enable-drivers=no --enable-iconv --with-iconv-char-enc=UTF8 --with-iconv-unicode-enc=UTF16LE**.
8. At a command prompt (logged in as root), execute the command: **make**.
9. At a command prompt (logged in as root), execute the command: **make install**.

You are now ready to install the driver. See [Installing the Microsoft ODBC Driver for SQL Server on Linux](#) for more information.

## Installing the Driver Manager for Microsoft ODBC Driver 11 for SQL Server

### Using the Installation Script

#### ◆ Important

These instructions refer to msodbcsql-11.0.2270.0.tar.gz, which is the installation file for Red Hat Linux. If you are installing the Preview for SUSE Linux, the file name is msodbcsql-11.0.2260.0.tar.gz.

To install the driver manager:

1. Make sure that you have root permission.
2. Go to the directory where the MicrosoftSQL Server ODBC Driver download placed the file called msodbcsql-11.0.2270.0.tar.gz. Make sure that you have the \*.tar.gz file that matches your version of Linux. To extract the files, execute the following command: **tar xvzf msodbcsql-11.0.2270.0.tar.gz**.
3. Change to the msodbcsql-11.0.2270.0 directory and there you should see a file called build\_dm.sh. You can run build\_dm.sh to install the unixODBC Driver Manager.
4. To see a list of the available options, execute the following command: **./build\_dm.sh --help**.
5. When you are ready to install, and if your computer can access an external site via FTP, execute the following command: **./build\_dm.sh**.

If your computer cannot access an external site via FTP, get unixODBC-2.3.0.tar.gz. You can get unixODBC-2.3.0.tar.gz from <http://www.unixodbc.org>. Click the **Download** link on the left side of the page to go to the download page. Then click the appropriate link to download unixODBC-2.3.0 (not unixODBC-2.3.1). UnixODBC-2.3.1 is not supported with this release of the Microsoft ODBC Driver 11 for SQL Server. Execute the following command to begin the unixODBC Driver Manager installation: **./build\_dm.sh --download-url=file://unixODBC-2.3.0.tar.gz**.

6. Type **YES** to proceed with unpacking the files. This part of the process can take up to 5 minutes to complete.
7. After the script stops running, follow the instructions on the screen to install the unixODBC Driver Manager.

You are now ready to install the driver. See [Installing the Microsoft ODBC Driver for SQL Server on Linux](#) for more information.

## Manual Installation

If the installation script is unable to complete, configure and build the proper driver manager yourself.

1. Remove any older installed version of unixODBC (for example, unixODBC 2.2.11). On Red Hat Enterprise Linux 5 or 6, execute the following command: **yum remove unixODBC**. On SUSE Linux Enterprise, **zypper remove unixODBC**.
2. Go to <http://www.unixodbc.org>. Click the **Download** link on the left side of the page to go to the download page. Then click the appropriate link to save the file unixODBC-2.3.0.tar.gz to your computer. UnixODBC-2.3.1 is not supported with this release of the Microsoft ODBC Driver 11 for SQL Server.
3. On your Linux computer, execute the command: **tar xvzf unixODBC-2.3.0.tar.gz**.
4. Change to the unixODBC-2.3.0 directory.
5. At a command prompt, execute the command: **CPPFLAGS="-DSIZEOF\_LONG\_INT=8"**.
6. At a command prompt, execute the command: **export CPPFLAGS**.
7. At a command prompt, execute the command: **"./configure --prefix=/usr --libdir=/usr/lib64 --sysconfdir=/etc --enable-gui=no --enable-drivers=no --enable-iconv --with-iconv-char-enc=UTF8 --with-iconv-unicode-enc=UTF16LE"**.
8. At a command prompt (logged in as root), execute the command: **make**.
9. At a command prompt (logged in as root), execute the command: **make install**.

You are now ready to install the driver. See [Installing the Microsoft ODBC Driver for SQL Server on Linux](#) for more information.

## See Also

[Microsoft ODBC Driver for SQL Server on Linux](#)

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## Community Additions

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### Ubutu15.04?

Seems odd that 15.04 isn't a default ubuntu VM in microsoft azure... 14 and 16, no 15. I attempted following the instructions but didn't work.

Error

```
-- Configuring unixODBC 2.3.1 DriverManager -- failed
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waturi

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