# Installing Microsoft ODBC Driver 18 for SQL Server on Tableau Server (RHEL9)

## Overview

This guide outlines the steps to install and configure the Microsoft ODBC Driver 18 for SQL Server on Tableau Server (version 2024.2 or newer) running on RHEL9.

## Step 1: Import Microsoft’s GPG Key

Run the following command to import Microsoft’s GPG key:

sudo rpm --import https://packages.microsoft.com/keys/microsoft.asc

## Step 2: Download and Configure the Microsoft yum Repository for RHEL9

Download the repository configuration file and move it to the yum repo directory:

curl -sSL -O https://packages.microsoft.com/config/rhel/9/prod.repo

sudo mv prod.repo /etc/yum.repos.d/mssql-release.repo

## Step 3: Update Packages

Update your package list to ensure you have the latest versions:

sudo yum update -y

## Step 4: Install Microsoft ODBC Driver 18 for SQL Server

Install the driver using the following command:

sudo ACCEPT\_EULA=Y yum install msodbcsql18 -y

## Step 5: (Optional) Install SQL Server Command-Line Tools

If desired, install the command-line tools along with the unixODBC development package:

sudo ACCEPT\_EULA=Y yum install mssql-tools18 unixODBC-devel -y

## Step 6: Add SQL Server Tools to PATH

Add the SQL Server tools directory to your PATH environment variable:

echo 'export PATH="$PATH:/opt/mssql-tools18/bin"' >> ~/.bashrc

source ~/.bashrc

## Step 7: Configure the ODBC Driver in /etc/odbcinst.ini

Ensure the following entry exists in /etc/odbcinst.ini (add it if it is missing):

[ODBC Driver 18 for SQL Server]

Description=Microsoft ODBC Driver 18 for SQL Server

Driver=/opt/microsoft/msodbcsql18/lib64/libmsodbcsql-18.5.so.1.1

UsageCount=1

## Step 8: For Multi-Node Tableau Server Clusters

**IMPORTANT: If you are running Tableau Server in a multi-node cluster, repeat these steps on all nodes that run any of these processes:***Application Server (Vizportal)  
Backgrounder  
Data Server  
VizQL Server*

## Step 9: Restart Tableau Server

Restart Tableau Server to apply the changes:

tsm restart