

# Update NetGovern Secure PostgreSQL ODBC Driver

## Environment Information

NetGovern Secure platform v 6.x.

Netgovern Secure unixODBC libraries current versions:

unixODBC-2.3.1-11.el7.x86\_64

unixODBC-2.3.1-11.el7.i686

The updated drivers may be downloaded using a web browser from

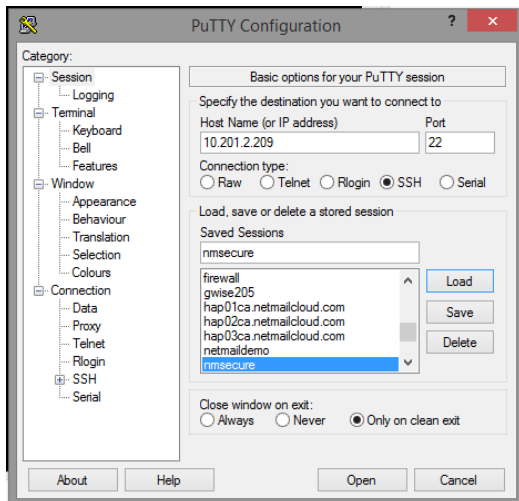
<ftp://ftp.netmail.com/download/.tools/unixODBC-2.3.7-1ng.zip>

If you are familiar with the Linux console command interface, you may go to [Connection Session](#) to log in to Netgovern Secure.

Use any FTP client (i.e. WinSCP, FileZilla, etc.) to transfer the file onto the Secure filesystem (copy file to **/home/netmail/**).

## Connection Session

Steps to connect to Netgovern's Secure console using PUTTY:



1. Start Putty
2. Connect to the Netgovern Secure hostname or IP address.
3. Login as the netmail user. Use the same password as the web interface.
4. Change to super user by entering **sudo su** [ENTER].
5. Change to the netmail user's home folder by entering **cd /home/netmail/**.
6. Download the update using **wget** <ftp://ftp.netmail.com/download/.tools/unixODBC-2.3.7-1ng.zip>
7. Extract unixODBC2.3.7-1-ng by entering **unzip unixODBC2.3.7-1-ng**.
8. Continue to [Update Drivers](#)

```

[root@nms03 netmail]# wget ftp://ftp.netmail.com/download/.pre-rel/unixODBC-2.3.7-1ng.zip
--2019-04-29 14:28:35-- ftp://ftp.netmail.com/download/.pre-rel/unixODBC-2.3.7-1ng.zip
=> 'unixODBC-2.3.7-1ng.zip'
Resolving ftp.netmail.com (ftp.netmail.com)... 10.200.0.90
Connecting to ftp.netmail.com (ftp.netmail.com)[10.200.0.90]:21... connected.
Logging in as anonymous ... Logged in!
==> SYST ... done. ==> PWD ... done.
==> TYPE I ... done. ==> CWD (1) /download/.pre-rel ... done.
==> SIZE unixODBC-2.3.7-1ng.zip ... 602688
==> PASV ... done. ==> RETR unixODBC-2.3.7-1ng.zip ... done.
Length: 602688 (589K) (unauthoritative)

100%[=====] 602,688 --.-K/s in 0.03s

2019-04-29 14:28:35 (18.8 MB/s) - 'unixODBC-2.3.7-1ng.zip' saved [602688]

[root@nms03 netmail]# unzip unixODBC-2.3.7-1ng.zip
Archive:  unixODBC-2.3.7-1ng.zip
  inflating: unixODBC-2.3.7-1ng.i686.rpm
  inflating: unixODBC-2.3.7-1ng.x86_64.rpm

```

## Update Drivers.

**NOTE:** These drivers **MUST** be updated on **ALL** Secure nodes.

Netgovern Secure services **MUST** be stopped to perform the update.

Enter **service netmail stop** to stop services.

Use **yum install unixODBC\*rpm** to start the update.

Follow the console prompts.

```

[root@nms03 netmail]# yum install unixODBC-2.3.7-1ng*.rpm
Loaded plugins: fastestmirror, netmail
Examining unixODBC-2.3.7-1ng.i686.rpm: unixODBC-2.3.7-1ng.i686
Marking unixODBC-2.3.7-1ng.i686.rpm as an update to unixODBC-2.3.1-11.el7.x86_64
Marking unixODBC-2.3.7-1ng.i686.rpm as an update to unixODBC-2.3.1-11.el7.i686
Examining unixODBC-2.3.7-1ng.x86_64.rpm: unixODBC-2.3.7-1ng.x86_64
Marking unixODBC-2.3.7-1ng.x86_64.rpm as an update to unixODBC-2.3.1-11.el7.x86_64
Marking unixODBC-2.3.7-1ng.x86_64.rpm as an update to unixODBC-2.3.1-11.el7.i686
Resolving Dependencies
--> Running transaction check
----> Package unixODBC.i686 0:2.3.1-11.el7 will be updated
----> Package unixODBC.x86_64 0:2.3.1-11.el7 will be updated
----> Package unixODBC.i686 0:2.3.7-1ng will be an update
----> Package unixODBC.x86_64 0:2.3.7-1ng will be an update
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                Arch             Version           Repository        Size
=====
Updating:
unixODBC                i686             2.3.7-1ng        /unixODBC-2.3.7-1ng.i686    966 k
unixODBC                x86_64          2.3.7-1ng        /unixODBC-2.3.7-1ng.x86_64  991 k
=====

Transaction Summary
-----
Upgrade 2 Packages

Total size: 1.9 M
Is this ok [y/d/N]: y
Downloading packages:
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Updating : unixODBC-2.3.7-1ng.x86_64                               1/4
warning: /etc/odbcinst.ini saved as /etc/odbcinst.ini.rpmsave
  Updating : unixODBC-2.3.7-1ng.i686                                 2/4
  Cleanup  : unixODBC-2.3.1-11.el7                                   3/4
  Cleanup  : unixODBC-2.3.1-11.el7                                   4/4
  Verifying: unixODBC-2.3.7-1ng.i686                                 1/4
  Verifying: unixODBC-2.3.7-1ng.x86_64                              2/4
  Verifying: unixODBC-2.3.1-11.el7.x86_64                          3/4
  Verifying: unixODBC-2.3.1-11.el7.i686                             4/4

Updated:
  unixODBC.i686 0:2.3.7-1ng                                unixODBC.x86_64 0:2.3.7-1ng

Complete!
[root@nms03 netmail]#

```

Verify update is complete by entering **rpm -qa | grep unix**. The result should be:

```
[root@nms03 netmail]# rpm -qa | grep unix
unixODBC-2.3.7-1ng.x86_64
unixODBC-2.3.7-1ng.i686
[root@nms03 netmail]# █
```

Continue onto Update ODBC Configuration File

## Update ODBC Configuration File

Make sure you are still connected as the Super User, root.

From the command line, type **whoami**.

```
[root@nms03 ~]# whoami
root
[root@nms03 ~]# █
```

Change to the root user's home folder (/root)

Type **cd /root** [ENTER]

Change the /root/.odbc.ini file from:

Edit this file: **.odbc.ini** (this is a link to using **vi(m)** text editor on a Linux environment)

**Change the following lines:**

**Driver=/opt/ma/netmail/lib64/psqlodbcw.so**

To:

**Driver=/usr/lib64/psqlodbcw.so**

```
[mplus]
Description=M+ Guardian
Database=mplus
Servername=10.201.2.207
Username=mplus
Password=3MAPVWS6YrswSlRmd4JdT
ReadOnly=No

Port=5432
Driver=/usr/lib64/psqlodbcw.so

[netmailarchive]
Driver=/usr/lib64/psqlodbcw.so
```

Save the changes and exit to the console prompt.

Enter **service netmail start** to re-start netgovern services.