7. To close the **Oracle Database Client Installer**, click **Close**.

Upgrade Oracle Database Client

You must upgrade the Oracle Database Client software to version 19.22.

> **Note:** For customers who licensed Oracle from Thermo Fisher Scientific, files are available through Customer Support.
>
> For customers who licensed Oracle directly, files are available through Oracle Support.

❖ **To upgrade the Oracle Database Client software:**

1. Close any application that is currently connected to an Oracle database.

2. Download the **instantclient-basic-nt-19.22.0.0.0dbru.zip** file and extract all the contents to a folder.

3. From the extracted folder, copy the following files specified to the specified folders in your Oracle Database Client installation:

   a. Copy the **.exe**, **.sym** and **.dll** files to the **bin** folder.

   b. Copy the **ucp.jar** file to the **ucp\lib** folder.

   c. Copy the **xtreams.jar** file to the **rdbms\jlib** folder.

   d. The **ojdbc8.jar** file to the **inventory\scripts\ext\jlib** and **jdbc\lib** folders.

4. Download the **instantclient-odbc-nt-19.22.0.0dbru.zip** file and extract all the contents to a folder.

5. From the extracted folder, copy all the **.dll** files to the **bin** folder in your Oracle Database Client installation.

6. Download the **instantclient-tools-nt-19.22.0.0dbru.zip** file and extract all the contents to a folder.

7. From the extracted folder, copy all the **.exe** and **.sym** files to the **bin** folder in your Oracle Database Client installation.

8. Download the **instantclient-sqlplus-nt-19.22.0.0dbru.zip** file and extract all the contents to a folder.

9. From the extracted folder, copy all the **.exe** and **.sym** files to the **bin** folder in your Oracle Database Client installation.

10. Open the **network\admin** folder of your current Oracle Database Client installation.

11. Open the sqlnet.ora file and add the following line:

    a. `SQLNET.NO_NTLM=FALSE`

       Connections to remote Oracle Database Instances are enabled.

Connect to the Database

You must perform the following steps before a connection to the database can be made:

1. Configure the TNS Listener (on page 18).

2. Configure the Local Net Service Name (below) and test the connection.

Configure the Local Net Service Name

The following steps describe how to configure the Local Net Service Name and test the connection to the database.

❖   **To configure the Local Net Service Name and test the connection to the database :**

1. Run the **Oracle Net Configuration Assistant**. From the Windows Start menu, select **All Programs > Oracle - [OraHome] > Configuration and Migration Tools > Net Configuration Assistant**.

   where **[OraHome]** is the **Oracle Home** name specified in your Oracle Server installation.

   The **Welcome** page of the **Oracle Net Configuration Wizard** appears.