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How to Install Oracle Instant Client 19.5 on Windows 10

🕐 January 8, 2020   👤 admin   🗁 Oracle Database   💬 4

In the following article, I am going to show you how to install the latest Oracle instant client 19.5 on Windows 10. As you know, Oracle Instant Client is a set of tools you need to connect and manage the Oracle database server. With this tool, we can connect to both local or remote Oracle database. Not like many other software, it needs extra steps in order to install the instant client. But don't worry, we will cover it shortly.

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Step 1. Install Microsoft Visual Studio 2017 Redistributable

The Oracle Instant Client 19.5 requires the installation of the Microsoft Visual Studio 2017 Redistributable. Make sure you have this software installed on Windows 10.

Step 2. Create a new directory for the instant client

Create a new folder under C:/ or any other folder. This new folder will be used to store the oracle instant client files. In this example, I will create a new folder called *C:\oracle*

Step 3. Download the Oracle Instant Client

Now download the latest version of Oracle Instant Client. Choose the correct architecture that match your system. Or, if you are using Windows 10 64 bit, you can use the link below to directly download it. Choose one of these below

Basic Package

https://download.oracle.com/otn_software/nt/instantclient/19500/instantclient-basic-windows.x64-19.5.0.0.0dbru.zip

Basic Light Package

https://download.oracle.com/otn_software/nt/instantclient/19500/instantclient-basiclite-windows.x64-19.5.0.0.0dbru.zip

You will also need to download the Instant Client SDK Package below

https://download.oracle.com/otn_software/nt/instantclient/19500/instantclient-sdk-windows.x64-19.5.0.0.0dbru.zip

Save these two files inside the folder we created earlier.

Step 4. Extract the package

I assume you have two files below:

First, extract the file instantclient-basic-windows.x64-
19.5.0.0.0dbru.zip. It will produce a new subfolder called
instantclient_19_5. Next, extract the file instantclient-sdk-windows.x64-
19.5.0.0.0dbru.zip. The second file should be extracted into the
instantclient_19_5 directory. Here are the folder content result
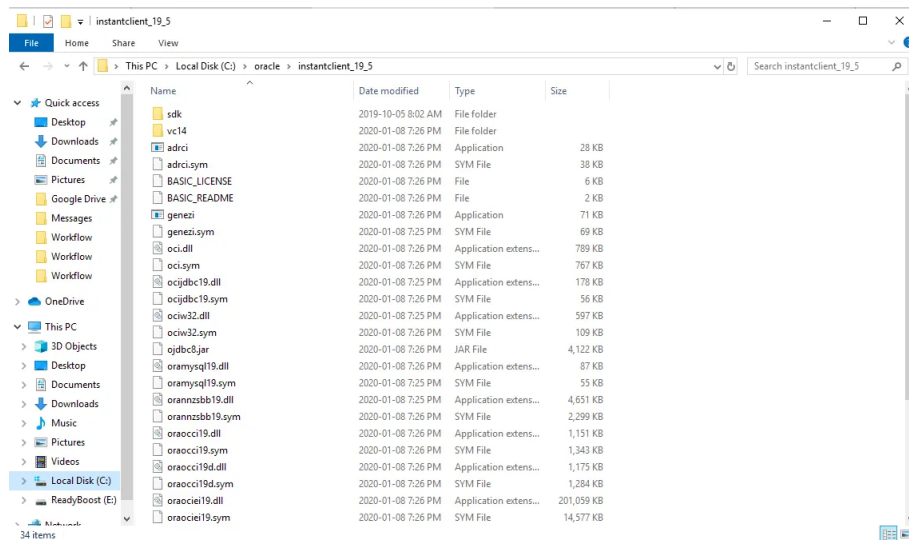
Step 5. Modify the Environment Variable

In this section, we are going to edit the Environment Variable. We will
include the Oracle Instant Client path into the environment variable.
To do this, follow these steps:

1. Open Control Panel >> Settings

2. Click Advanced System Settings

3. On the Advanced tab, click Environment variables

4. Under System Variables, create *OCI_LIB64* if it does not exist.
   Set the value *OCI_LIB64* to *C:\oracle\instantclient_19_5*

5. Under System Variables, edit PATH and include
   C:\oracle\instantclient_19_5

Environment Variables   ×

User variables for dhani
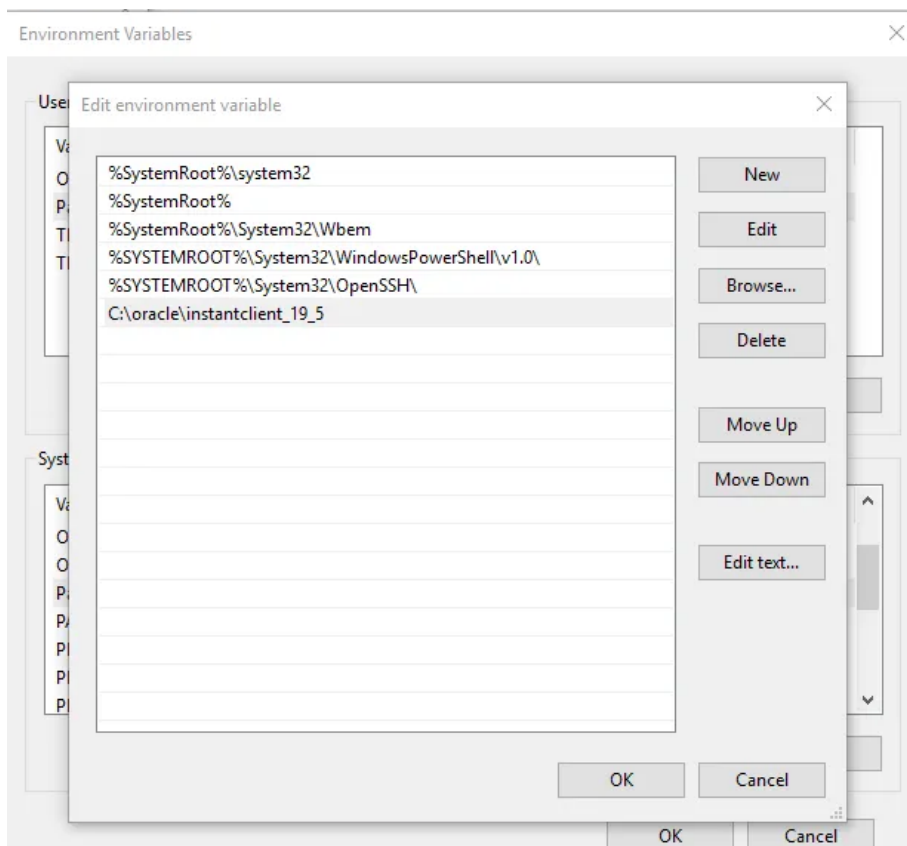
Variable	Value
OneDrive	C:\Users\dhani\OneDrive
Path	C:\Users\dhani\AppData\Local\Microsoft\WindowsApps;
TEMP	C:\Users\dhani\AppData\Local\Temp
TMP	C:\Users\dhani\AppData\Local\Temp

Edit System Variable   ×

Variable name: OCI_LIB64

Variable value: C:\oracle\instantclient_19_5

[Browse Directory...] [Browse File...]   [OK]   [Cancel]

DriverData	C:\Windows\System32\Drivers\DriverData
NUMBER_OF_PROCESSORS	4
OCI_LIB64	C:\oracle\instantclient_19_5
OS	Windows_NT
Path	C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wb...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC

[New...]   [Edit...]   [Delete]

[OK]   [Cancel]

Create OCI_LIB64

Environment Variables   ×

Edit environment variable   ×

%SystemRoot%\system32   [New]
%SystemRoot%
%SystemRoot%\System32\Wbem   [Edit]
%SYSTEMROOT%\System32\WindowsPowerShell\v1.0\
%SYSTEMROOT%\System32\OpenSSH\   [Browse...]
C:\oracle\instantclient_19_5
                                                         [Delete]

                                                         [Move Up]

                                                         [Move Down]

                                                         [Edit text...]

                                        [OK]   [Cancel]

                                        [OK]   [Cancel]

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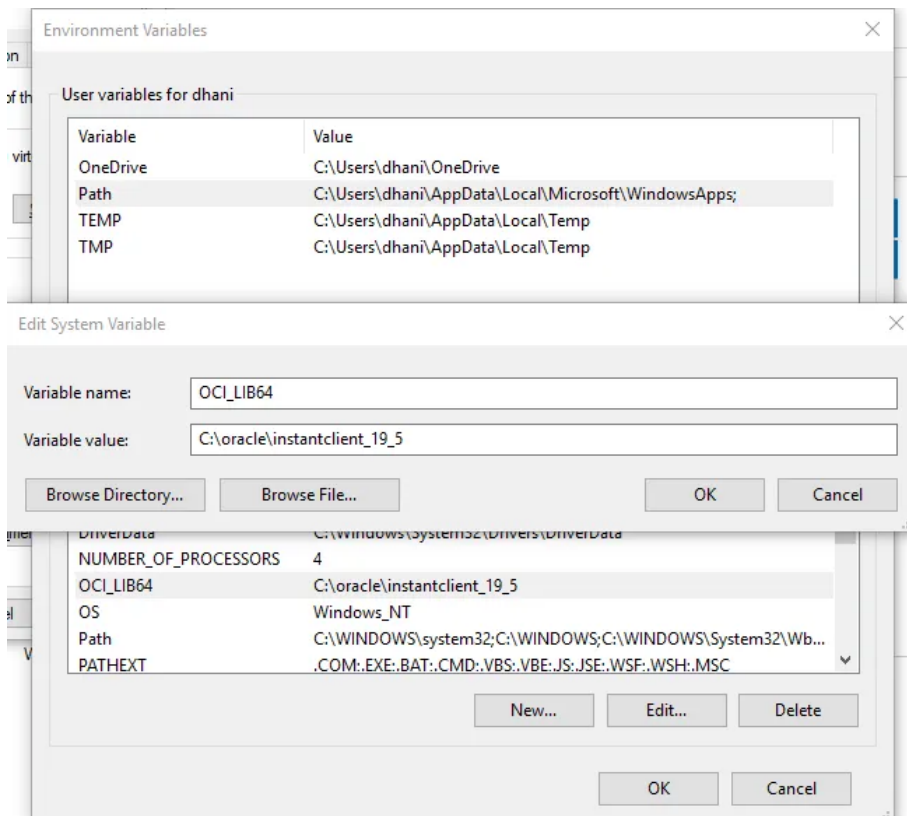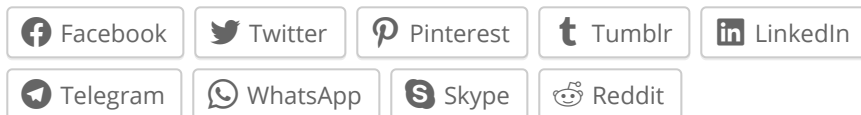
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