Oracle 10g Client Installation

- Go to <u>http://www.oracle.com/technology/software/products/database/index.html</u>. and scroll down to "Oracle Database 10g Release 2" section to select your OS specific version. With this tutorial, we will install Microsoft Windows Vista and Windows 2008 version. Note that the installation of other OS is quite similar. If you need more information on installation (and Oracle usage) you can refer to Oracle Documentation Library at <u>http://www.oracle.com/pls/db102/homepage</u>.
- 2. Click on "Oracle Database 10g Release 2 (10.2.0.3/10.2.0.4) for Microsoft Windows Vista and Windows 2008". After accepting the "License Agreement" download Oracle Database 10g Client Release 2 (10.2.0.3) file "10203_vista_w2k8_x86_production_client.zip" to your hard disk. Note that, in order to download the file, you will need to register a username and password with Oracle.



- 3. Unzip *10203_vista_w2k8_x86_production_client.zip* file under your C:\ drive. This will create a folder C:\client.
- 4. Go to C:\client\disk1 and click on "setup" that will launch the below screen.



5. Click on "next" and select "Runtime" option

| Select Installation Type | | | |
|---|--------------------------|---------------------|----------|
| Oracle Client 10.2.0.3.0 | | | |
| What type of installation do you want? | | | |
| CInstantClient (113MB) | | | |
| Installs Instant Client software. | | | |
| C Administrator (783MB) | | | |
| Installs the management console, management tools, network | ting services, util, bas | ic client software. | |
| Runtime (443MB) | | | |
| Installe tools for developing applications, networking service: | s and basic client soft | ware. | |
| | | | |
| Enables you to choose individual components to install. | | | |
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| | | | |
| | | Product | anguages |

6. Click on "next" and leave the "Name and "Path" options as it is.

| Specify Home Details Destination Even or select a name for the installation and the full path where you want to install the product. Name: OraClient10g_home1 Path: Ctoracle/product10.2.0/client_1 | ify Home Details tion Select a name for the installation and the full path where you want to install the product. OraClient10g_home1 Cloracletproductt10.2.0tclient_1 Browse | | | | | | |
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7. You should see all the prerequisites checked and "**Succeed**" message.

| Oracle Universal Ins | taller: Product-Specific Prerequisite | e Checks | | | |
|--|---|--|---|--|------------------------------|
| Product-Sp | ecific Prerequisite | Checks | | | |
| The Installer verific configuring the pro are flagged with w checks, click the it | es that your environment meets al ducts that you have chosen to ins arnings and items that require ma em and review the details in the b | l of the minimum r tall. You must mar anual checks. For o ox at the bottom of | equirements f nually verify an details about p the window. | or installing d confirm th erforming t | and le items that hese |
| Check | | | Туре | Status | |
| Checking Oracle | Home path for spaces | | Automatic | 🖾 Succe | eded 🔺 |
| Checking for Ora | cle Home incompatibilities | | Automatic | 🖬 Succe | eded 📝 |
| | ********** | | | | |
| | | | | R | etry Stop |
| 0 requirements to | be verified. | | | | |
| Actual Result: NE Check complete." ====== | N_HOME The overall result of this check is: | Passed | | | C F |
| Help | Installed Products | Back | Next | (nstall) | Cancel |
| ORACLE' | | | | | |

8. Click on "**Next**" and then "**Install**", you will see the installation in progresses as shown below.

| Install | |
|---|--|
| installing Oracle Client 10.2.0.3.0 | |
| ²² Copying files for 'RDBMS Required Support Files 10.2.0.3.0 * | Real Application Clusters for Everyone |
| Setup pending | Complete, integrated |
| Configuration pending | clusterware |
| norušna Tanijali odela a 150734 65. vizi | management |
| 45% | Essential foundation for enterprise grids |
| Stop installation | |
| You can find a log of this install session at: C: Program Files/Oracle/InventoryRogs/InstallActions2010-01-26_05-26-38PM log | |
| | |

9. Once the installation is done, you will see Oracle Net Configuration message screen. Click on "Next" here.



10.

11. Then click on "Finish". This will take you to main installation screen.



12. You will see the following screen indicating the end of installation, click on "**Exit**". Now you need to complete "**Tnsnames Configuration**" in the following section to be able to connect to Oracle Server.



TNSNAMES Configuration

- 1. Go to C:\oracle\product\10.2.0\client_1\network\ADMIN and create a file named "tnsnames.ora" here.
- 2. Edit tnsnames.ora file by copying pasting the below statement.



3. Go to your command prompt and type "**tnsping CSCI585**", if you see "OK (XX msec)" in the end of the command result then you are ready to connect to Oracle server.

| C:\Windows\system32\cmd.exe | |
|--|----------------------|
| | _ |
| Used TNSNAMES adapter to resolve the alias Attempting to contact (DESCRIPTION = (ADDRESS_LIST = (ADDRESS = (PROTOCO (Host = 128.125.163.163)/CPort =1521)> (CONNECT_DATA = (SERVICE_NAME = cs TNS-12533: INS:illegal ADDRESS parameters | DL = TCP) ci585>> |
| C:\Users\ArcServer>tnsping csci585 | |
| TNS Ping Utility for 32-bit Windows: Version 10.2.0.3.0 - Production on 010 17:46:41 | 26-JAN-2 |
| Copyright (c) 1997, 2006, Oracle. All rights reserved. | |
| Used parameter files: C:\oracle\product\10.2.0\client_1\network\admin\sqlnet.ora | |
| Used TNSNAMES adapter to resolve the alias Attempting to contact (DESCRIPTION = (ADDRESS_LIST = (ADDRESS = (PROTOCO (HOST = 128.125.163.163)(PORT = 1521))) (CONNECT_DATA = (SERVICE_NAME =)) OK (0 msec) | L = TCP> csci585> |
| C:\Users\ArcServer}_ | |
| | |
| | |
| | - |
| the command then up use readult connect to Oracle | ******* |

4. Now lets connect to Oracle server with your database username and password that you received in the email. Type "sqlplus" in the command line. This will prompt you the username and the password. Enter your Oracle database username with "@csci585" in the end (e.g., "tommy@csci585") and your password. You are now connected to Oracle Server and ready execute your sql statements.

| - | |
|--|---|
| 🖬 C:\Windows\system32\cmd.exe - sqlplus | |
|)) OK (Ø msec) | - |
| C:\Users\ArcServer>sqlplus | |
| SQL*Plus: Release 10.2.0.3.0 - Production on Tue Jan 26 17:50:38 2010 | |
| Copyright (c) 1982, 2006, Oracle. All Rights Reserved. | |
| Enter user-name: chaoliag@csci585 Enter password: | |
| Connected to: Oracle Database 11g Enterprise Edition Release 11.1.0.7.0 - 64bit Production With the Partitioning, OLAP, Data Mining and Real Application Testing options | |
| \$qL> | • |
| | _ |