Oracle 10g Installation Guide on Windows 7

Oracle 10g Installation tutorial depicts step by step installation of Oracle 10g on Windows 7, 64bit (10204_vista_w2k8_x64_production_db) operating system. Installation on Windows 7 will return a operating system version compatibility error. However, there will not be any such issue during installation on older version of Windows operating system. It is important to note that this installation method is neither certified nor recommended by Oracle. If you are planning to install Oracle 10g for production purpose then please follow the Oracle specified installation guidelines and use only the correct and supported version for installation.

Download Oracle 10g for Windows

Oracle software is free for evaluation and educational purpose. If you do not have a copy, please start with the link below. You need to register for free account with www.oracle.com to be able to download.

To download the Oracle Database 10g Release 1 (10.2.0.4) for Microsoft Windows Vista x64.

http://www.oracle.com/technetwork/database/10204-winx64-vista-win2k8-082253.html

After downloading the Oracle10g from Oracle TechNetwork, you need to unzip the files and double click on the setup.exe program to get the installation process started.

You can also find complete list of Oracle Database installation files for different versions such as Linux, Solaris, HP and AIX over here

http://www.oracle.com/technetwork/database/enterprise-edition/downloads/index.html

Let's start with the installation process.

Oracle 10g installation is done via Oracle Universal Installer. start the installation running setup.exe. You will see the messages as shown here below



Change Oracle Home location and select the Installation type.

If you are not planning to use the starter database then you need to uncheck the "Create Starter Database (additional 720MB) check box option

Enter the database name and password.

👙 Oracle Database 10g Installation - Installation Method	_ 🗆 🗙		
Select Installation Method	g		
Basic Installation Perform full Oracle Database 10g installation with standard configuration options requiring mini This option uses file system for storage, and a single password for all database accounts.	mal input.		
Oracle Home Location: D:toracletproduct10.2.0tdb_3	Browse		
Installation Type: Edition (1.3GB)			
Create Starter Database (additional 720MB)			
Global Database Name: exforsys			
Database Password:			
This password is used for the SYS, SYSTEM, SYSMAN, and DBSNMP accounts.			
O Advanced Installation			
Allows advanced selections such as different passwords for the SYS, SYSTEM, SYSMAN, and DBSNMP accounts, database character set, product languages, automated backups, custom installation, and alternative storage options such as Automatic Storage Management.			
Help Back Next (Install)	Cancel		
ORACLE			

Click "Next" to continue with the installation. If you encounter any status with Error(s) during "Product-Specific Prerequisite Checks" then you need to check further before you can continue with the installation; otherwise your Oracle Server may not work.

Product-Specific Prerequisite Ch	necks			
The Installer verifies that your environment meets all of configuring the products that you have chosen to install are flagged with warnings and items that require manu checks, click the item and review the details in the box a	the minimum requirements I. You must manually verify ar Ial checks. For details about at the bottom of the window.	for in nd co perfo	nstalling and onfirm the items orming these	tha
Check	Туре		Status	
Checking operating system requirements	Automatic		Error	E
Checking service pack requirements	Automatic		Not executed	3
1 errors, 2 requirements to be verified.			Retry	Stop
Checking operating system requirements Expected result: One of 5.0,5.1,5.2,6.0 Actual Result: 6.1 Check complete. The overall result of this check is: Fai	iled <<<<			111

As soon as all the requirements gets verified and the errors are eliminated, You will see the "Succeeded" status as below screen shot for all the Product-Specific Prerequisite checks.

roduct-Specific Prerequisite Che	cks			
The Installer verifies that your environment meets all of the onfiguring the products that you have chosen to install. You are flagged with warnings and items that require manual hecks, click the item and review the details in the box at the hecks, click the item and review the details in the box at the	e minimum requirements f ou must manually verify an checks. For details about p he bottom of the window.	for in id co berfo	stalling and nfirm the item rming these	s tha
Check	Type		Status	1
Checking operating system requirements	Automatic		Succeeded	
Checking service pack requirements	Automatic	R	Succeeded	
0 requirements to be verified.			Retry	Stop
Actual Result: NEW_HOME Check complete. The overall result of this check is: Passe	ed			

🛣 Oracle Universal Installer: Welcome	
Welcome	108
The Oracle Universal Installer guides you through the installati Oracle products.	on and configuration of your
Click "Installed Products" to see all installed products.	
	Deinstall Products
	About Qracle Universal Installer)
Help) Installed Products) Back	jext Install Cancel
ORACLE	

It is assumed that this is a fresh install so no other Oracle products should be installed at this time.

😹 Oracle	Universal Installer: Specify File Locations	
Spec	ify File Locations	
Sourc	e	
Enter th	e full path of the file representing the product(s) you want to install:	
Path:	C:\DOCUME~1\Hari\LOCALS~1\Temp\Rar\$EX12.1593\Disk1\stage\products.xml	Browse
Destin Enter o Name:	nation select a name for the installation and the full path where you want to install the p OraDb10g_home1	roduct.
Path:	Etoracletproduct10.1.01db_1	Browse
Help	About Qracle I Installed Products Back Next Ins	Jniversal Installer)
		tan <u>Cancer</u>

In this screen, the Source and Destination locations must be selected.

The Source path should reflect either your CD-ROM or the directory in which you unzipped the source files. Leave this as the default. In the example above, the source files were unzipped into c:DOCUME~1HARILOCALS~1temprar\$ex12.1593diskstageproduct.xml.

For the Destination, leave the Oracle Home named oraDb10g_home1 as the default. Choose a hard disk drive that has at least 6 gigabytes of free space. In the example here, we are using the E: drive.

Leave the Oracleproduct10.1.0db_1 path as it is (the default). If you must change this to a different drive, only change the drive letter and not the directories.

Click on the Next button to select installation type. This may take up to 2 minutes (depending on the speed of your machine). Once the product information has been read, the following 3 "Available Products" options are presented:

Woracle Universal Installer: Select Installation Type	
Select Installation Type	
Oracle Database 10g 10.1.0.2.0	
What type of installation do you want?	
Enterprise Edition (808MB)	
Oracle Database 10g Enterprise Edition, the first database designed for the grid, is a self-managing dat scalability, performance, high availability and security features required to run the most demanding, mis applications.	abase that has the sion critical
C Standard Edition (794MB)	
Oracle Database 10g Standard Edition is ideal for workgroups, departments and small-to-medium sized looking for a lower-cost offering.	businesses
C Personal Edition (804MB)	
Supports single user development and deployment that require full compatibility with Oracle Enterprise I Oracle Standard Edition 10g.	Edition 10g and
C <u>C</u> ustom	1
Enables you to choose individual components to install.	
Produ	ict Languages)
Help Installed Products Back Next Install	Qancel
ORACLE	

After selecting the type click on the next button to get the screen:

🐝 Oracle Universal Installer: Select Database Configuration	
Select Database Configuration	S
Select Database Configuration	
You can choose either to create a database as part of this installation or install just the software nerved a database, and perform any database configuration later. If you want to create a database as installation the Oracle Database Configuration Assistant will be launched automatically at the end install to create a database of the type selected.	ecessary to part of this of the
Select the configuration options that suits your needs.	
Create a starter database	
Select the type of starter database you wish to create.	
General Purpose	
A starter database designed for general purpose usage.	
C Transaction Processing	
A starter database optimized for transaction-heavy applications.	
C Data Warehouse	
A starter database optimized for data warehousing applications.	
C Advanced	
Allows you to customize the configuration of your starter database.	
C Do not create a starter database	
Help Installed Products Back Next Install	<u>Cancel</u>
ORACLE	

For this install, we chose the "General Purpose" Database option. Click on the Next button to continue.

The next step is to identify the database using the Global database name

Oracle Universal Installer: Specif	y Database Configuration Options	
Database Naming A Global Database Name, typically of addition, each database is reference Database Name and SID for this data	figuration Options the form "name.domain", uniquely identifies a d by at least one Oracle System Identifier (SID) abase.	n Oracle database. In . Specify the Global
Global Database Name: orcl	SID: orcl	
Database Character Set The database character set is determ your database. See "Help" for the definit your database.	nined based on the number of language group nition of language groups. Select the characte	s that will be stored in r set that should be used
Select Database Character set	West European WE8MSWIN1252	*
Database Examples You can choose to create a starter da sample schemas to your existing sta	tabase with or without sample schemas. Note rter database after creation. See "Help" for mo	e that you can plug in the re details.
Create database with sample sc	hemas	
Help Installed Produ	cts) Back Next	Install) (<u>Cancel</u>)
ORACLE'		

Keep the default names for GLOBAL and the SID Otherwise, use the following (make a note of these for later on): Global Database Name is orcl, Oracle SID is orcl

Click on the Next button to continue to the "database file storage option" screen

Oracle Universal Installer: Spec	ify Database File Storage Option	
Specify Database File	e Storage Option	
Select the storage mechanism you v	would like to use for database creation.	
File System		
Use the file system for database stor installing database files and Oracle s	rage. For best database organization and perfor oftware on separate disks.	mance, Oracle recommends
Specify Database file location:	E:toracletproduct(10.1.0toradata	Browse
C Automatic Storage Management	t (ASM)	
Automatic Storage Management simp performance.	lifies database storage administration and optimiz	zes database layout for I/O
C Raw Devices		
Raw partitions can also provide the r need to create one raw device for ex file that maps specific tablespaces, o	equired shared storage for Real Application Clus ach data file, control file, and log file for the starte control files, and log files to raw volumes.	ters (RAC) databases. You will er database and then provide a
Specify Raw Devices mapping fit	le:	Browse
Help) Installed Prode	ucts) Back Next) Install Cancel

In this step, you need to select where the Oracle data files will be located. In large operations, we typically keep the data files on a separate disk (or disks), however, for this install, keep the default storage

Click on the Next button to move to the "Summary" screen:



In this screen (shown above), the products and files that will be installed are summarized. Note that in this example, it will take 1.5 GB MB of disk space for the installation of the software. Additional space will be required for the default database.

If everything looks OK at this point, click on the Install button to begin the installation.

Oracle Universal Installer: Install	
Install	
Copying files for 'Oracle Provider for OLE DB 10.1.0.2.0 '	
Setup pending Configuration pending	Real Application Clusters for Everyone
copying 'RowUpdateEventHandler.vbproj'	Complete, integrated clusterware Automatic workload management Essential foundation for
44%	enterprise grids
You can find a log of this install session at: C:\Program Files\Oracle\Inventory\logs\installActions2005-03-29_07-25-26AM.log	4
Help Installed Products Back Ne	ext (Install Cancel
ORACLE	

During the install, you will notice various Oracle products being copied over to the hard disk.

Once the installation is completed, the next step will be to configure the various additional services and the database.

The following tools will be automatically starts and it is optional. It is recommended, although not required

Oracle Universal Installer: Configuration Assist	ants	80
Configuration Assistants The following configuration assistants will configure a	and start the components	: you selected earlier.
Tool Name	Status	Туре
Oracle Net Configuration Assistant	Succeeded	Optional
iSQL*Plus Configuration Assistant	Succeeded	Optional
Oracle Database Configuration Assistant	In progress	Optional
Details (see full log at C:\Program Files\Oracle\Invent	oryllogs\installActions20	Retry Stop 05-03-29_07-25-26AM.log):
Mar 29, 2005 8:21:40 AM oracle.sysman.emcp.EMCo INFO: DBConsole is started successfully Mar 29, 2005 8:21:40 AM oracle.sysman.emcp.EMCo INFO: >>>>>>> The Enterprise Manager URL is	ntig perform ntig perform http://srihari:5500/em <<	
Help (Installed Broducts)	Back Next) Install) (Cancel
	and the second se	

Click on the next button .The Oracle Database Configuration Assistant will appear for some time while the default database is created and opened. As below

🛱 Database Configuratio	on Assistant	
	 Copying database files Creating and starting Oracle instance Completing Database Creation 	
	Clone database creation in progress	
	Stop	

Once the default database has been installed, the following screen will appear

🛱 Database Configuration Assistant 🛛 🛛 🔀
Database creation complete. Check the logfiles at E:\oracle\product\10.1.0\admin\orcl\create for details.
Database Information: Global Database Name: orcl System Identifier(SID): orcl Server Parameter Filename: E:\oracle\product\10.1.0\Db_3\database\spfileorcl.ora
The Enterprise Manager URL is http://srihari:5500/em
Note: All database accounts except SYS, SYSTEM, DBSNMP, and SYSMAN are locked. Select the Password Management button to view a complete list of locked accounts or to manage the database accounts. From the Password Management window, unlock only the accounts you will use. Oracle Corporation strongly recommends changing the default passwords immediately after unlocking the account.
(Password Management)
OK)

Click on the Password Management button and change the default passwords for the SYS, SYSTEM, SCOTT and DBSNMP accounts as shown below:

User Name	Lock Account?	New Password	Confirm Password	
SYSTEM				
SYS				
OUTLN				
OLAPSYS	×			
SI_INFORMTN_SCHEMA	×			
ORDPLUGINS	×			
WKPROXY	×			
XDB	×			
ANONYMOUS	× .			
CTXSYS	×			
WK_TEST	×			

Click the OK button to complete the installation. The following screen will be appears:

🐱 Oracle Universal Installer: End of Installation	
End of Installation	
The installation of Oracle Database 10g was successful.	
Please remember	
The following J2EE Applications have been deployed and are accessible at the URLs listed below. Your database configuration files have been installed in E:\oracle\product\10.1.0 while other components selected for installation have been installed in E: \oracle\product\10.1.0\Db_3. Be cautious not to accidentally delete these configuration files. Ultra Search URL: http://srihari:5620/ultrasearch Ultra Search Administration Tool URL: http://srihari:5620/ultrasearch/admin	
LIGHE FILS ORE	
Help Installed Products Back Next Install (Exit
ORACLE	

After completion of installation .reboot your computer.

To Remove the Oracle Products

Go to start menu – > programs – > orcle-oradb10g_home5 – >oracle installation products – > Click the universal installer, the screen will appears as below

😹 Oracle Universal Installer: Welcome	
Welcome	108
The Oracle Universal Installer guides you through the installati Oracle products.	on and configuration of your
Click "Installed Products" to see all installed products.	
	Deinstall Products
	About Qracle Universal Installer)
Help Installed Products Back	jext Install Qancel
ORACLE	

click the button installed product. to see the installed products. you will see the screen as below

📓 Inventory		X
Contents Environment		
You have the following Oracle produ	ucts installed:	
⊖-Oracle Homes		
⊕ III OraDb10g_home5		
Product Information Location: E:\oracle\product\10.1.0\db_5		
Show empty homes.		
If you want to remove Oracle softwa "Remove".	re, please check the it	tems and click
		Remove
Help	Save As	Close

Click the button remove to remove the oracle products or you can remove directly on clicking deinstall product button in welcome page.

Testing Installation

Go to start menu – > programs – >oracle-oradb10g_home5 – >application development -> click on the sql plus.

It will appears like the screen below, Once SQL Plus is running, you will be prompted for 3 things: Username, password and Host String.

Fill in the Username and password fields with the SYSTEM account and leave the Host String field blank. Since we are connecting to a local Oracle database, no Host String is required. Click on the OK button as shown below:

Log On			
<u>U</u> ser Name:	1		-
<u>P</u> assword:			
<u>H</u> ost String:			_
ОК		Cancel	

If the database is running and the username and password are typed correctly, SQL*Plus should log the SYSTEM user in and present the SQL>prompt as shown below



Uninstalling Oracle 10g

Following step will describes the uninstallation of oracle 10g:

First you have to remove all the oracle products by using oracle universal installer Go to start button -> programs -> oracle-oraDb10g_home1 -> oracle installation products -> click on the universal installer. You will get welcome screen, click on the deinstall products

To remove the oracle products. After uninstall the products. Now you have to remove all the remaining oracle products manually run this command regedit.exe. You will get registry editor.

Find related to oracle by using ctrl+f and remove all you find related to oracle, Do this again and again until you get no search. After completing this, reboot your system

Note: when you installing oracle 10g at first time on your system you may not encounter any problem. If any thing wrong you done when installation you may get an error like this staging area error

To overcome with that error you must delete every think related to oracle by using above uninstallation steps