

ADMIN I – LAB-01A: INSTALL ORACLE 11gR2 ON WINDOWS 2008 SERVER

The Windows System Administrator has provided a Windows 2008 Server. You will Install Oracle 11gR2 and configure inbound/outbound oracle related traffic on the Windows Firewall. You will also install/configure Oracle 11g Client on your Windows 7/8 workstation; and define connection to the database using SQL*Plus, Oracle SQL Developer and Oracle Enterprise Manager (OEM).

A. Create a new Virtual Machine with the following configuration

1. **Memory (RAM) – 1.5GB (which is 1536mb)**
2. **Hard Drive – 30GB**
3. **Network Adapter – Network Address Translation (NAT)**

B. Install Windows 2008 Server

4. **Using Command Prompt (cmd), determine your IP Address (eg 192.168.xxx.xxx)**
5. **Enable Windows 2008 Remote Desktop**
6. **Disable all Windows 2008 Firewall**
7. **Create a new user with Administrator Privilege : oracle**
8. **Create a Password for the user : oraclepass**
9. **Change the Computer Name to ptwin11gr2**
10. **Reboot Windows 2008**
11. **Login as user: oracle**
12. **Download appropriate Oracle Installation zip onto the Windows 2008 Desktop**
13. **Extract both zip files onto Windows 2008 Desktop**
14. **Cut & Merge the subfolder ...\database\stage\components in the Disk 2 of 2 with that of Disk 1 of 2**
(When you are done the second extracted folder – Disk 2 of 2, should be completely empty)
15. **Navigate to ...\database of the Disk 1 of 2**

C. Install Oracle Software ONLY

16. **Right click on ...\database\setup.exe and Run as Administrator**
17. **Follow all Screen prompts with appropriate choices**
18. **Install Software only with ORACLE_BASE: c:\app\oracle**
19. **Do Not Change the default ORACLE_HOME**
20. **Review and fix all issues raised by Oracle Universal Installer (OUI)**

D. Install Oracle Listeners

21. **Using Net Configuration Assistant (netca), configure Listener at port 1521 with name: LISTENER**
(Do not Test the Connection, there is no database yet. This step should create ORACLE_HOME/network/admin/listener.ora)
22. **Using Net Configuration Assistant (netca), configure Connection Methods EZCONNECT and TNSNAMES** *(This step should create a ORACLE_HOME/network/admin/sqlnet.ora)*
23. **Using Net Manager (netmgr), configure Listener at port 1523 with name: EXTRADOOR** *(Do not Test the Connection, there is no database yet.)*
24. **Email your listener.ora and sqlnet.ora to oraclelabs@pishontechnologies.com for review**

E. Create Oracle Database using Database Configuration Assistant (DBCA)



*****This is a sample document*****

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Congratulations, you have successfully Installed and configured Windows 2008 Server and Oracle 11gR2!!!! *The same steps above can be used to Install Oracle 10g on Windows 2008 Server when you have some extra time.*

In the next Lab, you will be you will install and configure a Windows 2008 Server on a new Machine and create Windows Users/Groups, enable remote Desktop, Fixed IP address /DNS /Default Gateway, configure inbound / outbound oracle related traffic on the Windows Firewall, You will Install Oracle 11gR2 (Software only), configure TNSNAMES and multiple LISTENERS using NETCA and NETMGR; and create OLTP database using DBCA. You will also install/configure Oracle 11g Client on your Windows 7/8 workstation and define connection to the database using SQL*Plus, Oracle SQL Developer and Oracle Enterprise Manager (OEM)