

## ADMIN I – LAB-02A: INSTALL ORACLE 11gR2 ON LINUX

The UNIX System Administrator has provided a Red Hat Linux server. You will Install Oracle 11gR2 and configure inbound/outbound oracle related traffic on the Linux 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. You should have a Virtual Machine with the following configuration

1. **Machine Name** : `ptlearn11g64`
2. **Memory (RAM)** – 1.5GB (which is 1536mb)
3. **Hard Drive** – 30GB
4. **Network Adapter** – Network Address Translation (NAT)
5. **Operating System** : Oracle Enterprise Linux 5 (64 bit)
6. **Login as user**: `root`
7. **Password**: (Our usual class password )

### B. Configure Linux Network

8. **Determine your IP Address** (eg 192.168.xxx.xxx) : `ifconfig`
9. **Change Network Properties** using the GUI option
10. **Reboot Linux Server**
11. **Minimize VMWARE** (This will put the Linux in 'Texas Datacenter')
12. **Configure root and oracle Connections** to Server using SecureCRT and MobaXterm

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

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Congratulations, you have successfully Installed and configured Oracle Enterprise Linux 5 and Oracle 11gR2!!!! The same steps above can be used to Install Oracle 10g on Oracle Enterprise Linux 5 when you have some extra time.

In the next Lab, you will install and configure a Red Hat Linux Server on a new Machine; and create UNIX Users/Groups/Directories, set kernel parameters/ xhost/Fixed IP address /DNS/ Default Gateway, Install appropriate packages, configure inbound / outbound oracle related traffic on the UNIX Firewall. You will learn SSH, FTP, SFTP. You will Install Oracle 11gR2 (Software only), configure TNSNAMES, SQLNET 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, TOAD for Oracle and Oracle Enterprise Manager (OEM)