<http://www.excession.org.uk/blog/installing-oracle-11g-on-ubuntu-1204-lts.html>

step 1:

Install required libraries

#sudo apt-get install libaio1 emacs gcc libaio1 lesstif2 lesstif2-dev make rpm libc6 colordiff mlocate ntp pwgen rsync vim

#sudo apt-get install openjdk-6-jre

#sudo apt-get install alien binutils build-essential

cpp-4.4 debhelper g++-4.4 gawk gcc-4.4 gcc-4.4-base

gettext

html2text

ia32-libs

intltool-debian ksh lesstif2 lib32bz2-dev lib32z1-dev libaio-dev libaio1

libbeecrypt7 libc6 libc6-dev libc6-dev-i386

libdb4.8 libelf-dev libelf1 libltdl-dev libltdl7 libmotif4 libodbcinstq4-1 libodbcinstq4-1:i386

libqt4-core libqt4-gui libsqlite3-0 libstdc++5 libstdc++6 libstdc++6-4.4-dev lsb lsb-core lsb-cxx lsb-desktop lsb-graphics lsb-qt4 make odbcinst pax po-debconf rpm rpm-common sysstat unixodbc unixodbc-dev unzip

step 2:

Add User/Groups

#sudo groupadd oinstall

#sudo groupadd dba

#sudo groupadd nobody

#sudo useradd -m oracle -g oinstall -G dba

#sudo passwd oracle

step 3:

Update The Hosts File

Add the following to /etc/hosts :

127.0.0.1 localhost.localdomain

step 4:

Update Kernel Parameters

sudo gedit /etc/sysctl.conf

Add:

fs.aio-max-nr = 1048576

fs.file-max = 6815744

kernel.shmall = 2097152

kernel.shmmax = 536870912

kernel.shmmni = 4096

kernel.sem = 250 32000 100 128

net.ipv4.ip\_local\_port\_range = 9000 65500

net.core.rmem\_default = 262144

net.core.rmem\_max = 4194304

net.core.wmem\_default = 262144

net.core.wmem\_max = 1048586

And reload with:

sudo /sbin/sysctl -p

step 5:

Change Limits

#sudo vim /etc/security/limits.conf

Add the following to the end

\* soft nproc 2047

\* hard nproc 16384

\* soft nofile 1024

\* hard nofile 65536

\* soft stack 10240

step 6:

Suse-ise the Environment

sudo ln -s /usr/bin/awk /bin/awk

sudo ln -s /usr/bin/rpm /bin/rpm

sudo ln -s /lib/libgcc\_s.so.1 /lib/libgcc\_s.so

sudo ln -s /usr/bin/basename /bin/basename

sudo mkdir /usr/lib64

sudo ln -s /etc /etc/rc.d

sudo ln -s /lib/x86\_64-linux-gnu/libgcc\_s.so.1 /lib64/

sudo ln -s /usr/lib/x86\_64-linux-gnu/libc\_nonshared.a /usr/lib64/

sudo ln -s /usr/lib/x86\_64-linux-gnu/libpthread\_nonshared.a /usr/lib64/

sudo ln -s /usr/lib/x86\_64-linux-gnu/libstdc++.so.6 /lib64/

sudo ln -s /usr/lib/x86\_64-linux-gnu/libstdc++.so.6 /usr/lib64/

step 7:

Redhat-ise Ubuntu

sudo gedit /etc/redhat-release

Add this :

Red Hat Linux release 5

step 8:

Create File Locations

sudo rm -rf /u01 /u02

sudo mkdir -p /u01/app/oracle

sudo mkdir -p /u02/oradata

sudo chown -R oracle:oinstall /u01 /u02

sudo chmod -R 775 /u01 /u02

step 9:

Update Default User Settings

sudo gedit /etc/profile

And add:

export ORACLE\_HOSTNAME=localhost.localdomain

export ORACLE\_BASE=/u01/app/oracle

export ORACLE\_HOME=$ORACLE\_BASE/product/11.2.0/dbhome\_2

export ORACLE\_SID=ccdb

export NLS\_LANG=.AL32UTF8

export ORACLE\_UNQNAME=AL32UTF8

export PATH=$PATH:$ORACLE\_HOME/bin

Add the ./bashrc

export ORACLE\_HOME=/u01/app/oracle/product/11.2.0/dbhome\_2  
export ORACLE\_SID=ccdb  
export ORACLE\_BASE=/u01/app/oracle  
export LD\_LIBRARY\_PATH=$ORACLE\_HOME/lib:$LD\_LIBRARY\_PATH  
export PATH=$ORACLE\_HOME/bin:$PATH

step 10:

Unzip the Install Files

sudo cp -r oracle11g /home/oracle/

cd /home/oracle/

sudo chown -R oracle:oinstall oracle11g/

sudo su - oracle

cd ~/oracle11g

unzip linux.x64\_11gR2\_database\_1of2.zip

unzip linux.x64\_11gR2\_database\_2of2.zip

-------If there is a problem with the Graphics, run this command else not required----------------

login in root

#xhost +SI:localuser:oracle

step 11;

Run the Installer

Log in as oracle and then from the command-prompt:

cd ~/oracle11g/database/

./runInstaller

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Now follow the slide-show below.

When you hit the compilation error, do:

login in root run the script

#sudo export ORACLE\_HOME=/u01/app/oracle/product/11.2.0/dbhome\_1

#sudo sed -i 's/^\(\s\*\$(MK\_EMAGENT\_NMECTL)\)\s\*$/\1 -lnnz11/g' $ORACLE\_HOME/sysman/lib/ins\_emagent.mk

#sudo sed -i 's/^\(\$LD \$LD\_RUNTIME\) \(\$LD\_OPT\)/\1 -Wl,--no-as-needed \2/g' $ORACLE\_HOME/bin/genorasdksh

#sudo sed -i 's/^\(\s\*\)\(\$(OCRLIBS\_DEFAULT)\)/\1 -Wl,--no-as-needed \2/g' $ORACLE\_HOME/srvm/lib/ins\_srvm.mk

#sudo sed -i 's/^\(TNSLSNR\_LINKLINE.\*\$(TNSLSNR\_OFILES)\) \(\$(LINKTTLIBS)\)/\1 -Wl,--no-as-needed \2/g' $ORACLE\_HOME/network/lib/env\_network.mk

#sudo sed -i 's/^\(ORACLE\_LINKLINE.\*\$(ORACLE\_LINKER)\) \(\$(PL\_FLAGS)\)/\1 -Wl,--no-as-needed \2/g' $ORACLE\_HOME/rdbms/lib/env\_rdbms.mk

Uninstallation for oracle11g for ubuntu

#cd $ORACLE\_HOME

#rm -RF \*

#cd $ORACLE\_BASE

#rm -rf \*

And delete the file /etc/oratab file

TEST

xhost

root

$DISPLAY=192.168.1.150:0.0

$echo $HELL

$echo $DISPLAY

$xhost +

or

./runInstaller -ignoreSysPrereqs