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Pre Installation Tasks

See my first Article - Red Hat 4.0 Installation
http://appsdba.info/docs/oracle_apps/Installation/rh4.pdf

Install the below package which is available in Disk 4

```
# From Oracle Enterprise Linux 4 Disk 4
```

```
rpm -Uvh libaio-devel-0.3.105-2.i386.rpm
```

Download the patch 4198954 from metalink and apply the package
rpm -Uvh compat-oracle-rhel4-1.0-5.i386.rpm

Red Hat 4 (update 4) kernel version

```
uname -r  
2.6.9-42.ELsmp
```

Shared memory and semaphore setting

```
echo "kernel.shmmax=2147483648" >> /etc/sysctl.conf  
echo "kernel.sem=250 32000 100 128" >> /etc/sysctl.conf  
echo "fs.file-max=65536" >> /etc/sysctl.conf  
echo "net.ipv4.ip_local_port_range = 2024 65000" >> /etc/sysctl.conf
```

Modify number of open descriptors

```
echo "hard nofile 65535" >> /etc/security/limits.conf  
echo "soft nofile 4096" >> /etc/security/limits.conf
```

OS Users and group creation

```
# Add the group and users  
groupadd dba  
useradd oracle -g dba  
useradd applmgr -g dba  
passwd oracle (give the password for oracle)  
passwd applmgr (give the password for applmgr)
```

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Permissions are given oracle and applmgr so that they can write to /d01/oracle

```
chgrp dba /d01/oracle
chmod g+w /d01/oracle
```

Note: Please check whether oracle and applmgr are able to write to /d01/oracle

```
su – oracle
cd /d01/oracle
touch test.file
rm test.file
su – applmgr
cd /d01/oracle
touch test.file
rm test.file
```

Check that the /etc/hosts entries are as follows

```
127.0.0.1      localhost.localdomain localhost
<ip address> <hostname>.<domainname> aliasname
```

My entries are as follows

```
127.0.0.1      localhost.localdomain localhost
192.168.1.100  linux1.com        linux1
```

Restart the server or use run systemctl –p to avoid the restart the server
systemctl -p

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Set Up the Stage Area

Download the software from <http://edelivery.oracle.com>. It comes in zip format. Create a directory as /Stage11i with 25GB free space and unzip all the zip files.

Also the installation software comes in DVD format.

Insert the first DVD labeled Start Here and run adautostg.pl perl script

cd /media/cdrom/Disk1/rapidwiz/perl adautostg.pl and follow the instructions.

The individual disks included in the Release 11i software bundle are labeled as follows:

- Start Here - Disk 1
- APPL_TOP - Disk n
- RDBMS - Disk n
- Tools - Disk n
- Databases - Disk n

If you are an NLS customer, you should also have the NLS Supplement - Disk n software for each language (in addition to American English) you plan to install. You should order the NLS Supplement software and have it available before you begin the installation. Rapid Install requires this language-specific software to run to completion.

The stage area created by adautostg.pl looks like this: a top-level directory, with subdirectories startCD, oraApps, oraDB, oraIAS, oraAppDB, and oraNLS/ (only if required).

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Oracle Applications R12 Installation (Linux) – Single Node

```
LD_ASSUME_KERNEL=2.4.19; export LD_ASSUME_KERNEL
[root@linux1 usbdisk]# cd r1204-linux/startCD/Disk1/rapidwiz/
[root@linux1 rapidwiz]# ./rapidwiz
```

```
Rapid Install Wizard is validating your file system.....
4 dvd labels found
Rapid Install Wizard will now launch the Java Interface.....
```

```
[root@linux1 rapidwiz]# █
```

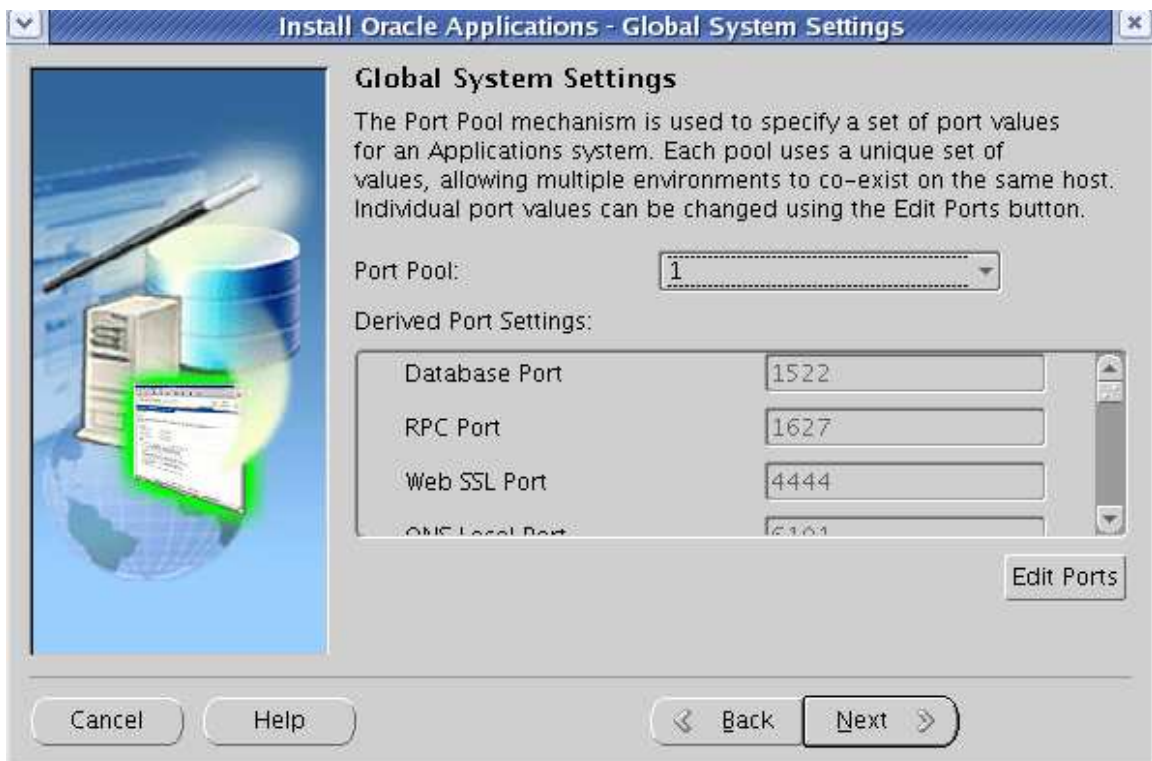
Check that you have atleast 160 GB for VISION instance and 70 GB for PROD instance



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Install Oracle Applications - Database Node

Database Node Configuration

Use the Edit Paths button to see file system details.

Database Type	Vision Demo Database	
Database SID	VIS	
Host Name	linux1	
Domain Name	com	
Operating System	Linux (32-bit)	
Database OS User	oracle	
Database OS Group	dba	
Base directory	/d02/oracle/VIS	<input type="button" value="Browse"/>
		<input type="button" value="Edit Paths"/>

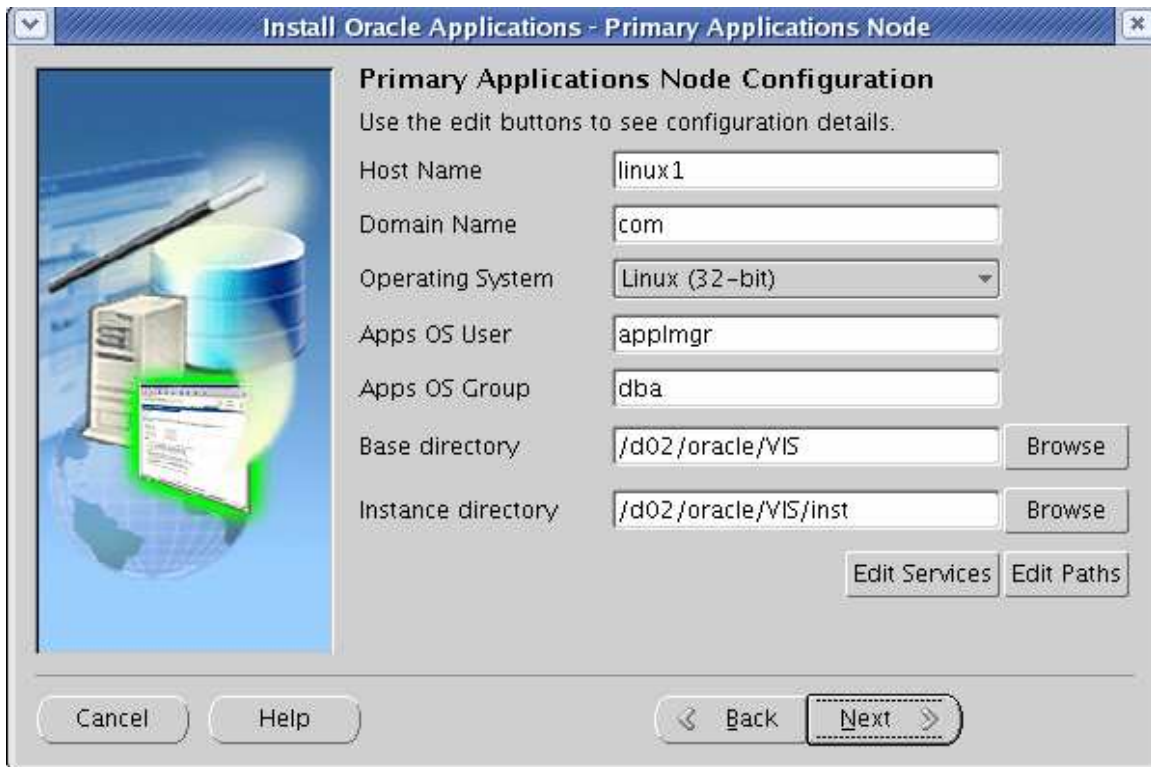
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Install Oracle Applications - Primary Applications Node

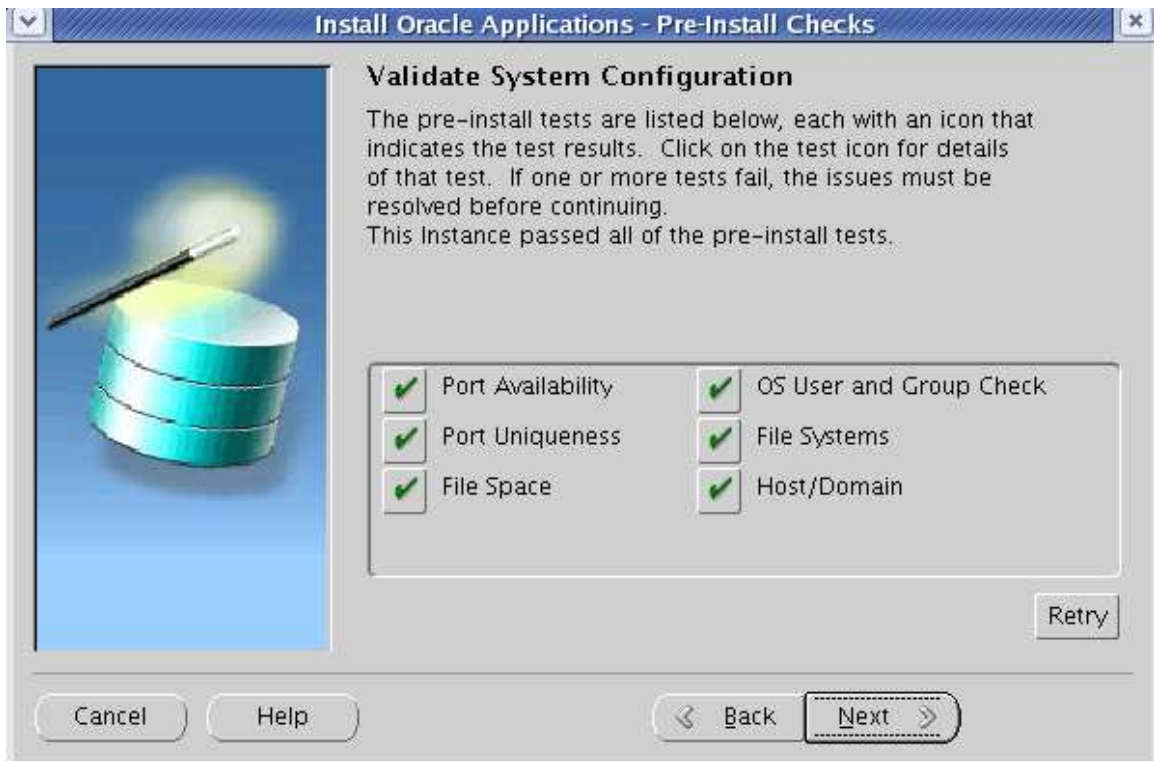
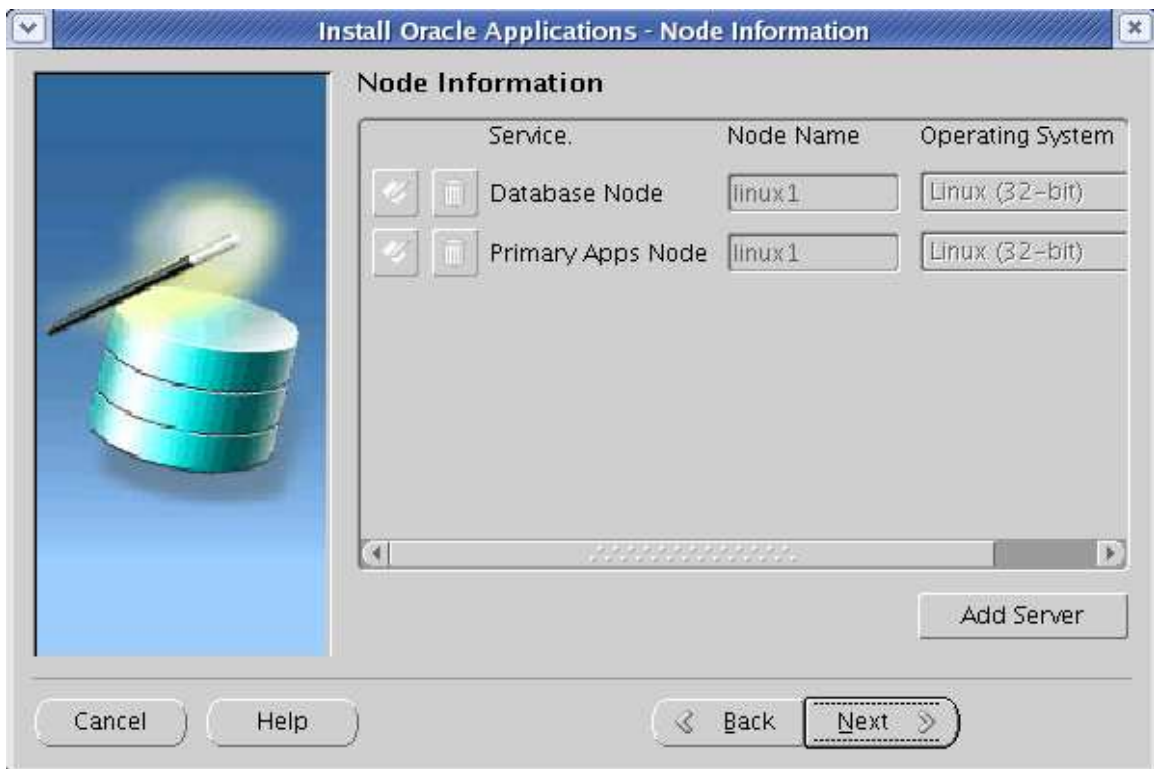
Primary Applications Node Configuration

Use the edit buttons to see configuration details.

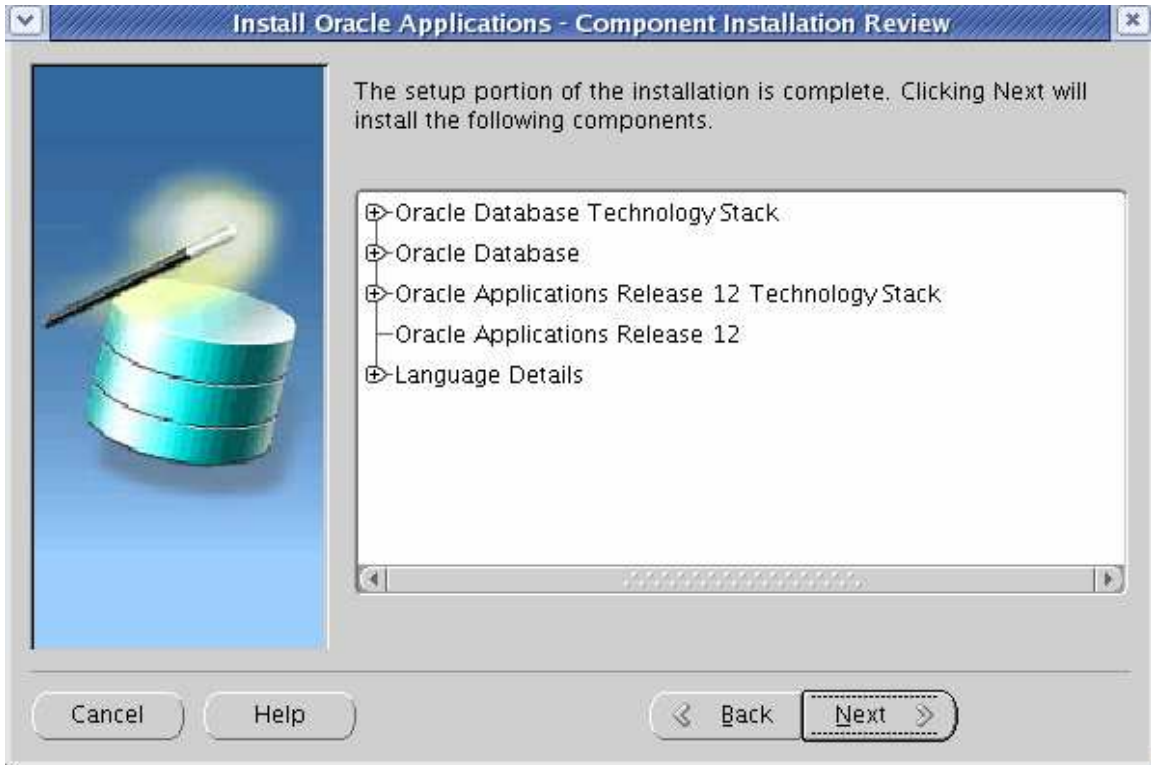
Host Name	<input type="text" value="linux1"/>
Domain Name	<input type="text" value="com"/>
Operating System	<input type="text" value="Linux (32-bit)"/>
Apps OS User	<input type="text" value="applmgr"/>
Apps OS Group	<input type="text" value="dba"/>
Base directory	<input type="text" value="/d02/oracle/VIS"/> <input type="button" value="Browse"/>
Instance directory	<input type="text" value="/d02/oracle/VIS/inst"/> <input type="button" value="Browse"/>



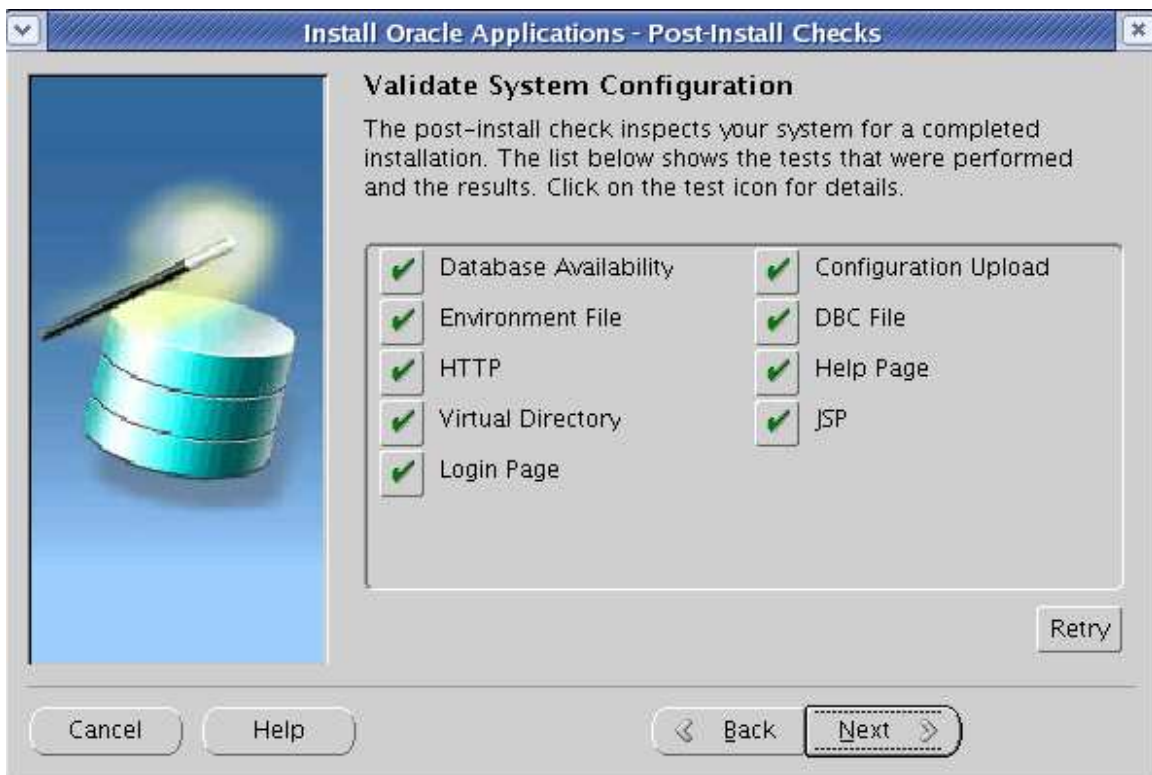
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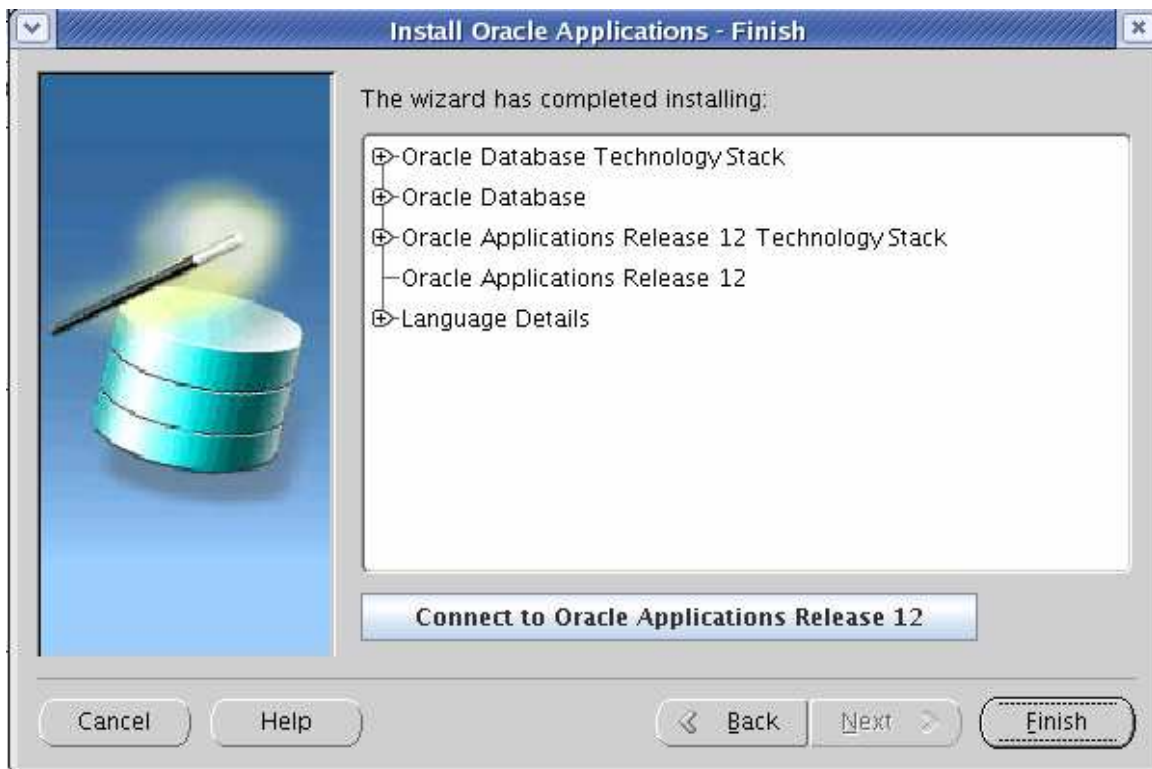
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Post Installation Tasks

After installation, please set the environment setting

Environment Settings

Note: Replace <CONTEXT_NAME> with SID_hostname, also replace the SID

In my example <CONTEXT_NAME> - VIS_linux1 and SID is VIS

```
su - oracle
```

```
cd /d02/oracle/TEST/db/tech_st/10.2.0/
```

```
cat TEST_linux1.env >> /home/oracle/.bash_profile
```

```
cd
```

```
cat > start_db.sh
```

```
sh /d02/oracle/TEST/db/tech_st/10.2.0/apputil/scripts/TEST_linux1/addlnctl.sh start
```

```
TEST
```

```
sh /d02/oracle/TEST/db/tech_st/10.2.0/apputil/scripts/TEST_linux1/addbctl.sh start
```

```
cat > stop_db.sh
```

```
sh /d02/oracle/TEST/db/tech_st/10.2.0/apputil/scripts/TEST_linux1/addbctl.sh
```

```
stopimmediate
```

```
sh /d02/oracle/TEST/db/tech_st/10.2.0/apputil/scripts/TEST_linux1/addlnctl.sh stop
```

```
su - applmgr
```

```
cd /d02/oracle/TEST/apps/apps_st/appl
```

```
cat APPSTEST_linux1.env >> /home/applmgr/.bash_profile
```

```
cd
```

```
cat > start_apps.sh
```

```
sh /d02/oracle/TEST/inst/apps/TEST_linux1/admin/scripts/adstrtal.sh apps/apps
```

```
cat > stop_apps.sh
```

```
sh /d02/oracle/TEST/inst/apps/TEST_linux1/admin/scripts/adstpall.sh apps/apps
```

connect as root (provided you have the root permission)

```
su - root
```

```
cat > start.sh
```

```
su - oracle /home/oracle/start_db.sh
```

```
su - applmgr /home/applmgr/start_apps.sh
```

```
cat > stop.sh
```

```
su - applmgr /home/applmgr/stop_apps.sh
```

```
su - oracle /home/oracle/stop_db.sh
```

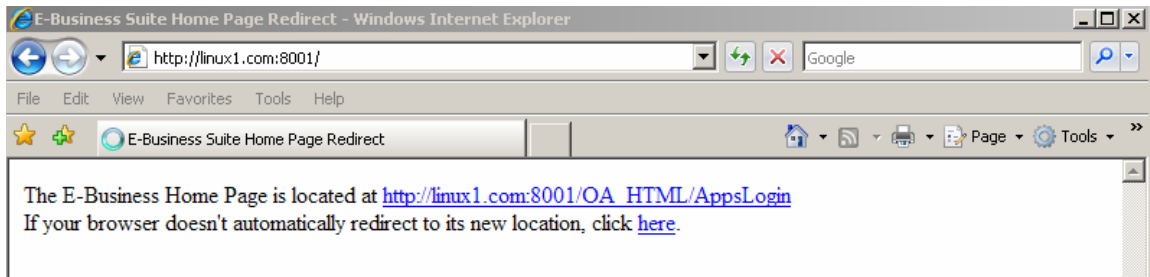
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Access Oracle Application R12 from Linux Server using Firefox

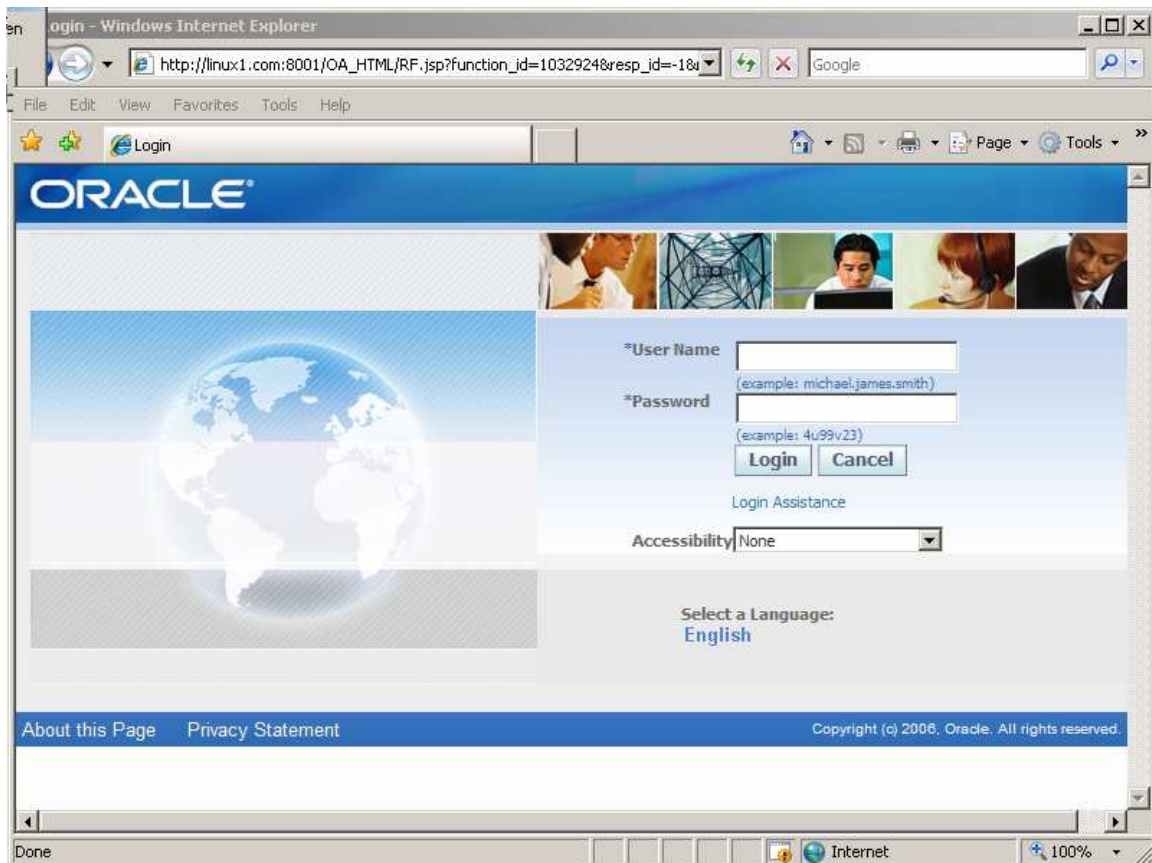
Solution - <http://onlineappsdba.com/index.php/2007/10/12/access-oracle-apps-r12-11i-from-linux-client-mozilla-firefox/>

This solution worked for me. Thanks Atul

Access Oracle Application R12 from Windows Desktop using IE6

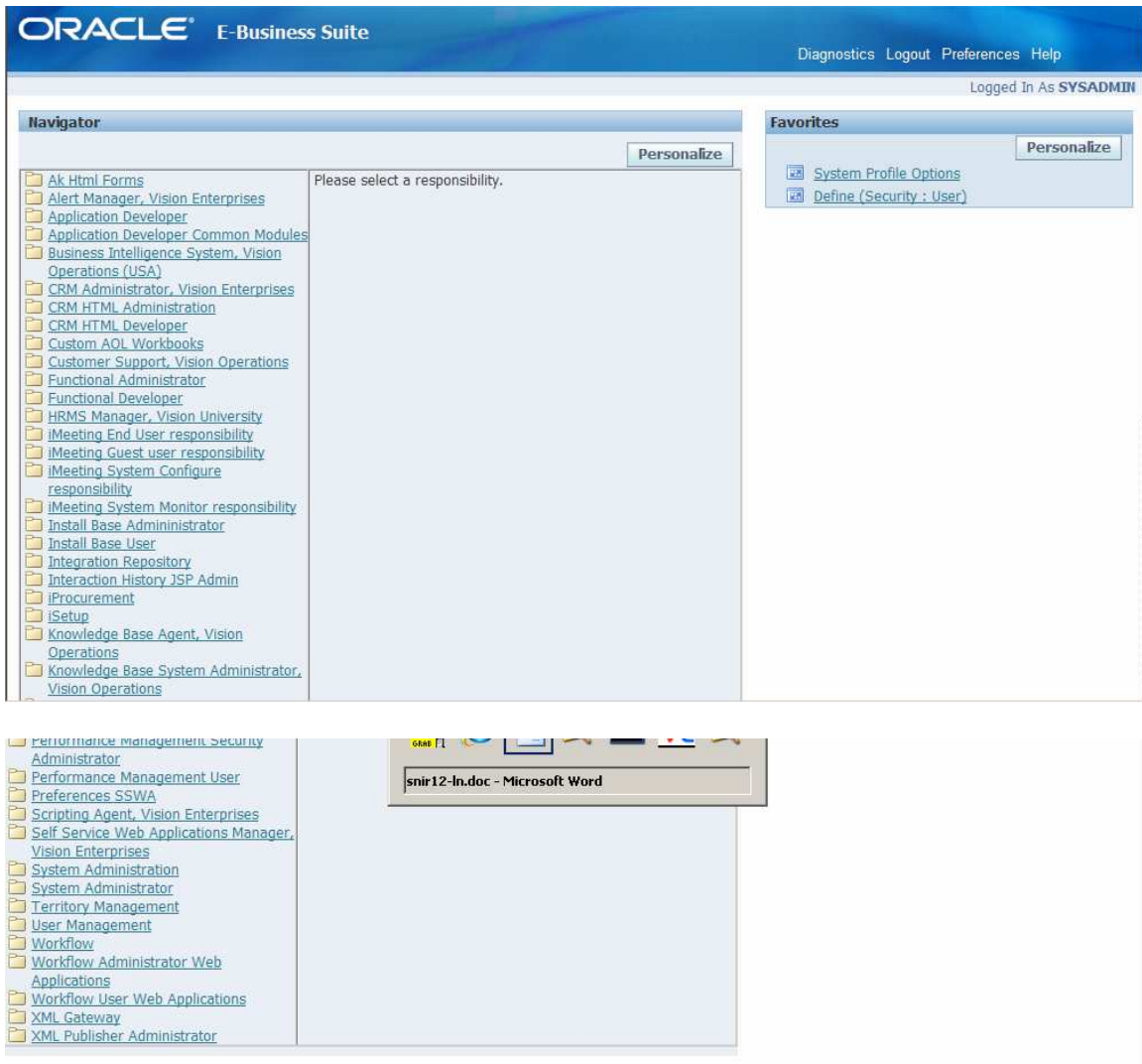


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sysadmin/sysadmin
click – login

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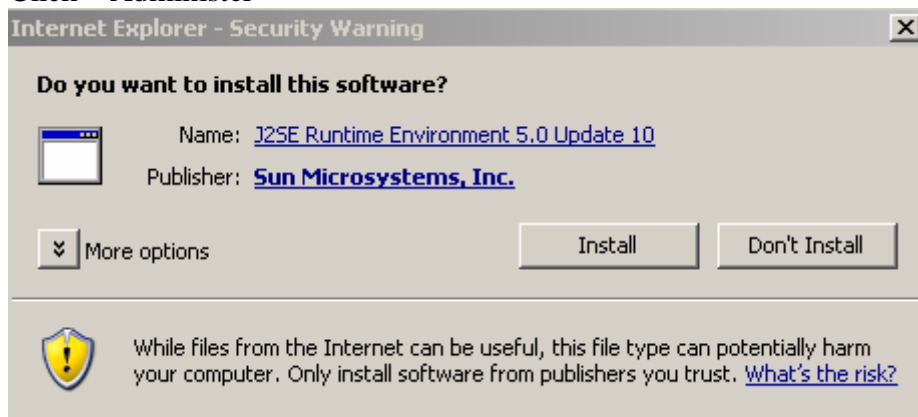


Click System Administrator

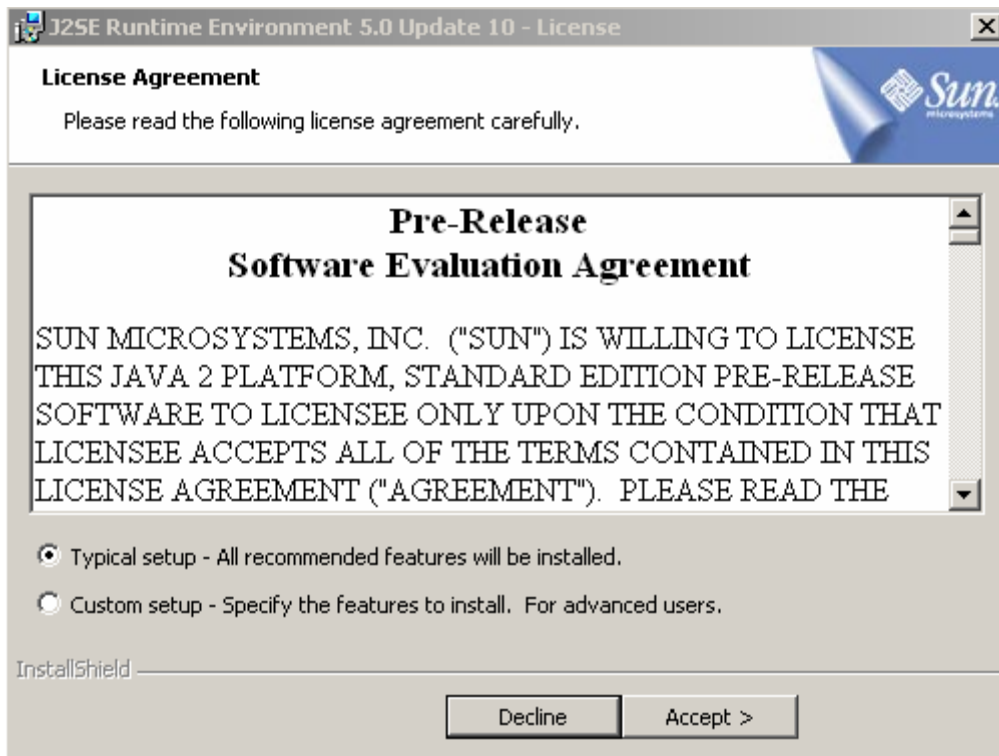
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Click – Administer



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