Oracle Database 11gR2 (11.2.0.4) on SUSE Linux Enterprise Server 12 SP3 (how-to install)

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Introduction

This document is not a replacement of official Oracle install document, but to help you understand minor difference you may encounter while installing Oracle Database on SUSE Linux Enterprise Server 12 SP3. This document covers x86_64 version but installation steps are same for other platforms. We will use latest certified versions of Oracle Database Enterprise version 11gR2 (11.2.0.4).

Oracle Software

Oracle Database Enterprise version 11.2.0.4 (Patch Set) is complete release and available via Oracle Support web site (http://support.oracle.com).

Official Oracle Documents are available at https://docs.oracle.com/cd/E18283_01/index.htm

SUSE Software

SUSE Linux Enterprise Server 12 SP3: https://www.suse.com/products/server/download/

Installation

Install **SUSE Linux Enterprise Server 12 SP3** OS with "**Oracle Server Base**" pattern. You can follow official Oracle Installation manual for selective required rpms.

```
52
                                oracle@sles12-sp3:~
                                                                       _ 0
File Edit View Search Terminal Help
oracle@sles12-sp3:~> uname -a
Linux sles12-sp3 4.4.73-5-default #1 SMP Tue Jul 4 15:33:39 UTC 2017 (b7ce4e4)
 x86 64 x86 64 x86 64 GNU/Linux
oracle@sles12-sp3:~> env |grep ORA
ORACLE SID=orcl
ORACLE BASE=/opt/oracle
ORACLE HOME=/opt/oracle/product/11gR2/db
oracle@sles12-sp3:~> cat /etc/os-release
NAME="SLES"
VERSION="12-SP3"
VERSION ID="12.3"
PRETTY NAME="SUSE Linux Enterprise Server 12 SP3"
ID="sles"
ANSI COLOR="0:32"
CPE NAME="cpe:/o:suse:sles:12:sp3"
oracle@sles12-sp3:~>
```

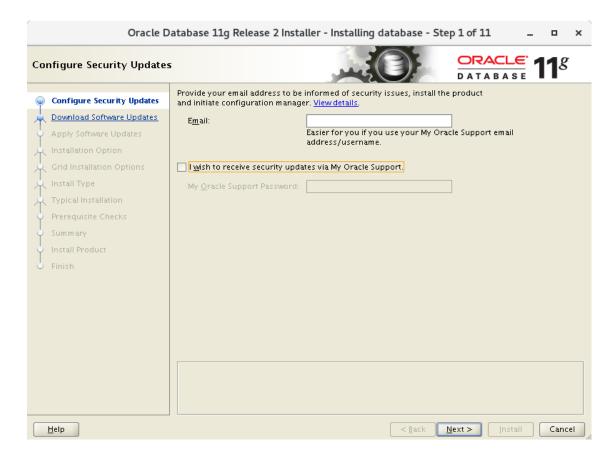
Installing Oracle Database 11.2.0.4

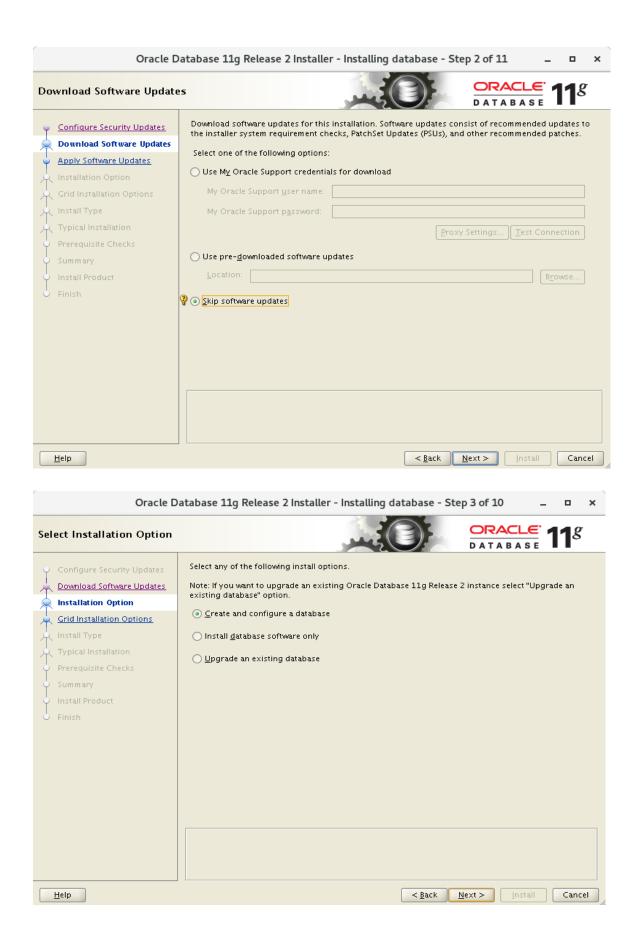
Following are brief steps to follow if you are familiar with Oracle Universal Installer:

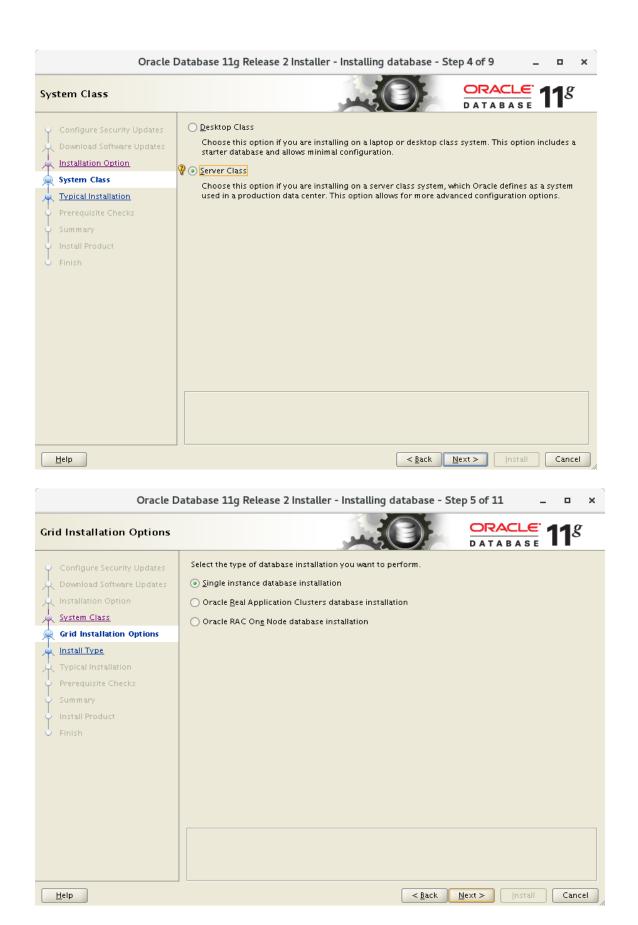
- 1. Download Oracle database 11.2.0.4 SW (p13390677_112040_Linux-x86-64_1of7 & p13390677_112040_Linux-x86-64_2of7) & unzip locally.
- 2. Make sure Server is assigned static IP address.
- 3. Set CV_ASSUME_DISTID=SUSE11 in database/stage/cvu/cv/admin/cvu_config

Note:

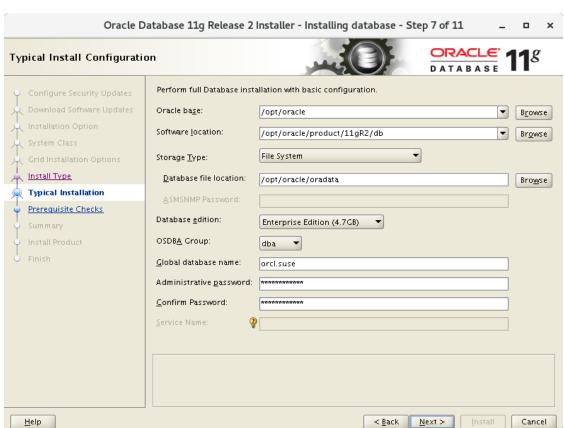
- i. Oracle Database 11gR2 is released prior to SLES12, you don't ned to perform this in newer Oracle database release (i.e. 12cR2).
- ii. You can use "-ignoreSysPrereqs" If SUSE Linux is not recognized by OUI.
- 4. Start Oracle Installer: database/runInstaller



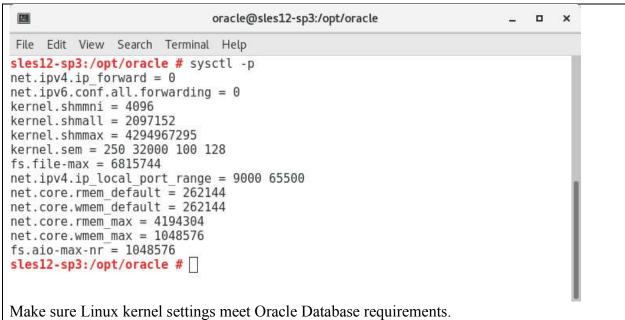


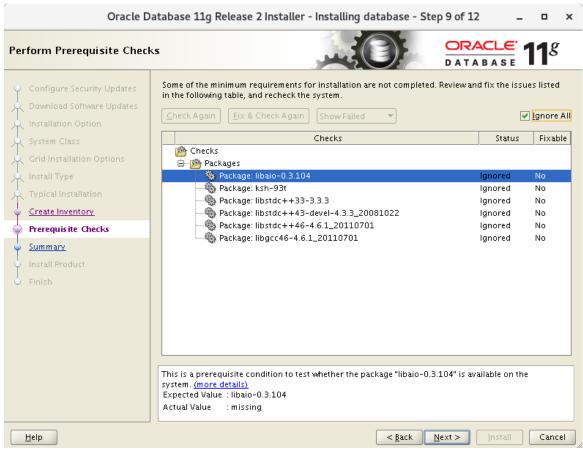


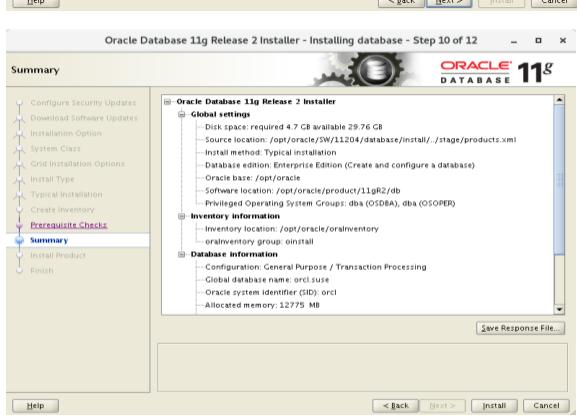


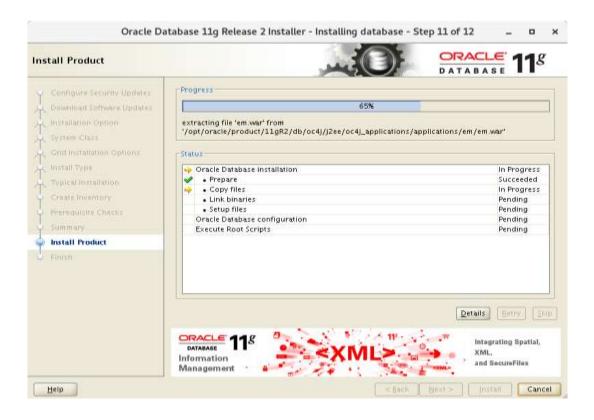






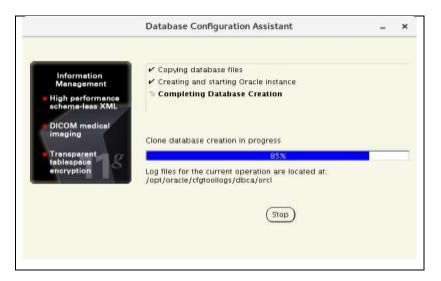






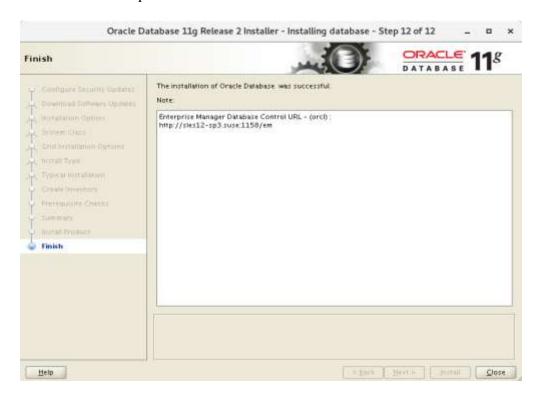


Database Configuration Assistant × "libaio" package required for the Oracle Database to function properly is missing. Install the required package before continuing with database creation.





Installation is complete:

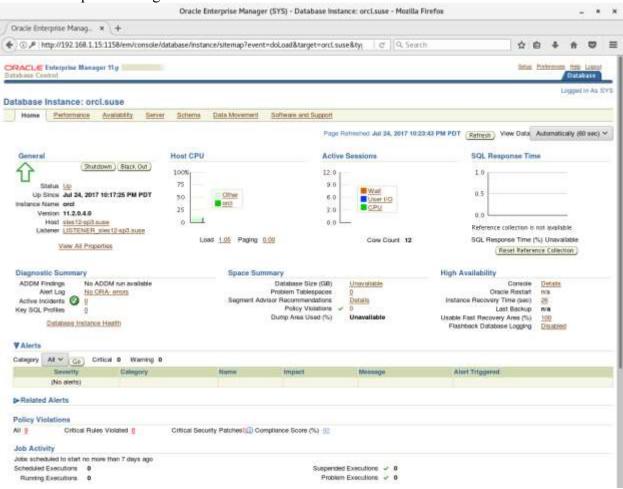


Verify Oracle Database is installed & running correctly using sqlplus:



Edit /etc/oratab & /etc/sysconfig/oracle to set start of Oracle Database on reboot.

Oracle Enterprise Manager:



Thank you for selecting SUSE Linux Enterprise Server as your Linux platform of choice.