

Oracle 12c SE2 installation guide on OEL 7.4

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Step 1 : Download the software

<http://www.oracle.com/technetwork/database/enterprise-edition/downloads/index.html>

Step 2: Host entry in /etc/hosts

```
[root@ezylebuat ~]# cat /etc/hosts
127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4
::1 localhost localhost.localdomain localhost6 localhost6.localdomain6
10.68.xx.xxx ezyuatleb.xxxx.com ezyuatleb
```

Step 3: Stop the firewall

```
[root@ezylebuat ~]# service firewalld stop
[root@ezylebuat ~]# service disable firewalld
```

Step 4: preinstall

```
[root@ezylebuat ~]# yum install oracle-rdbms-server-12cR1-preinstall -y
Loaded plugins: ulninfo
ol7_UEKR4 | 1.2 kB
00:00:00
ol7_latest | 1.4 kB
00:00:00
ol7_UEKR4/x86_64/primary | 28
MB 00:00:29
ol7_UEKR4
544/544
ol7_lates
```

```
[root@ezylebuat ~]# yum update -y
```

Step 5: selinux is permissive

```
Vi /etc/selinux/config
```

SELINUX=permissive

You need to reboot the server or you can execute below command

```
[root@ezylebuat ~]# setenforce Permissive
```

Step 6: Change oracle OS user password

```
[root@ezylebuat ~]# passwd oracle
```

Step 7: create directory

```
[root@ezylebuat ~]# mkdir -p /u01/app/oracle/product/12.1.0.2/dbhome_1
```

```
[root@ezylebuat ~]# chown -Rf oracle:oinstall /u01
```

```
[root@ezylebuat ~]# chmod -Rf 775 /u01
```

Step 8: .bash_profile as oracle user

```
TMP=/tmp; export TMP
```

```
TEMPDIR=$TMP; export TEMPDIR
```

```
export EDITOR=vi
```

```
ORACLE_SID=ezyibuat; export ORACLE_SID
```

```
ORACLE_BASE=/u01/app/oracle/; export ORACLE_BASE
```

```
ORACLE_HOME=/u01/app/oracle/product/12.1.0.2/dbhome_1; export ORACLE_HOME
```

```
PATH=/usr/sbin:$PATH; export PATH
```

```
PATH=$ORACLE_HOME/bin:$PATH; export PATH
```

```
LD_LIBRARY_PATH=$ORACLE_HOME/lib:/usr/lib; export LD_LIBRARY_PATH
```

```
CLASSPATH=$ORACLE_HOME/JRE:$ORACLE_HOME/jlib:$ORACLE_HOME/rdbms/jlib; export CLASSPATH
```

```
if [ $USER = "oracle" ]; then
```

```
    if [ $SHELL = "/bin/ksh" ]; then
```

```
        ulimit -p 16384
```

```
        ulimit -n 65536
```

```
    else
```

```
        ulimit -u 16384 -n 65536
```

fi

fi

Step 9: unzip the oracle software using unzip command

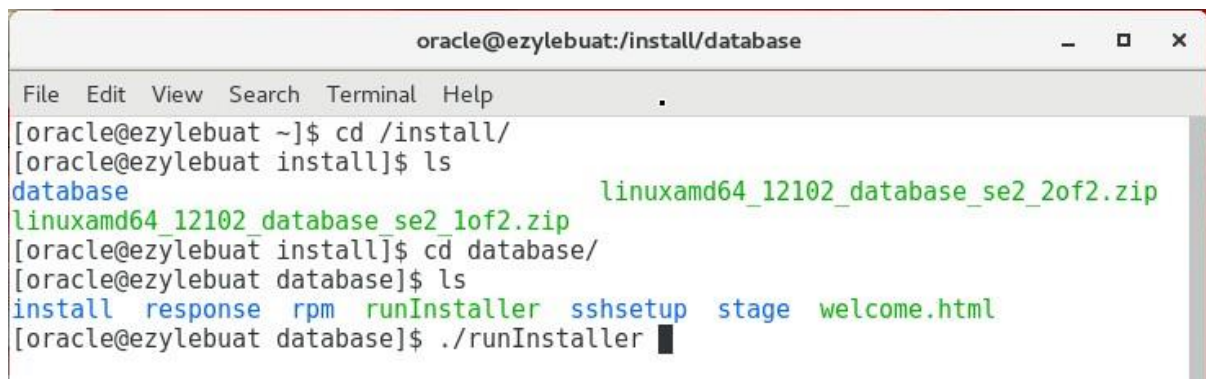
```
[oracle@ezylebuat install]$ ls -ltr *.zip
```

```
-rwxrwxr-x. 1 oracle oinstall 1673591558 Jan 17 15:45 linuxamd64_12102_database_se2_1of2.zip
```

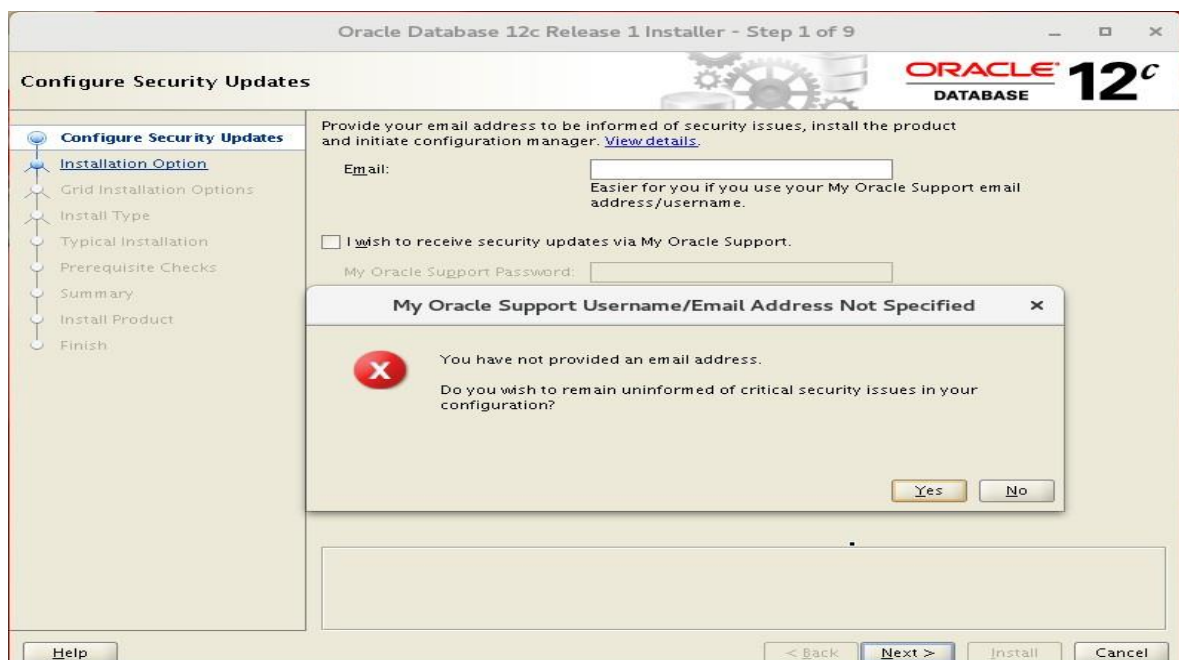
```
-rwxrwxr-x. 1 oracle oinstall 1015358809 Jan 17 15:46 linuxamd64_12102_database_se2_2of2.zip
```

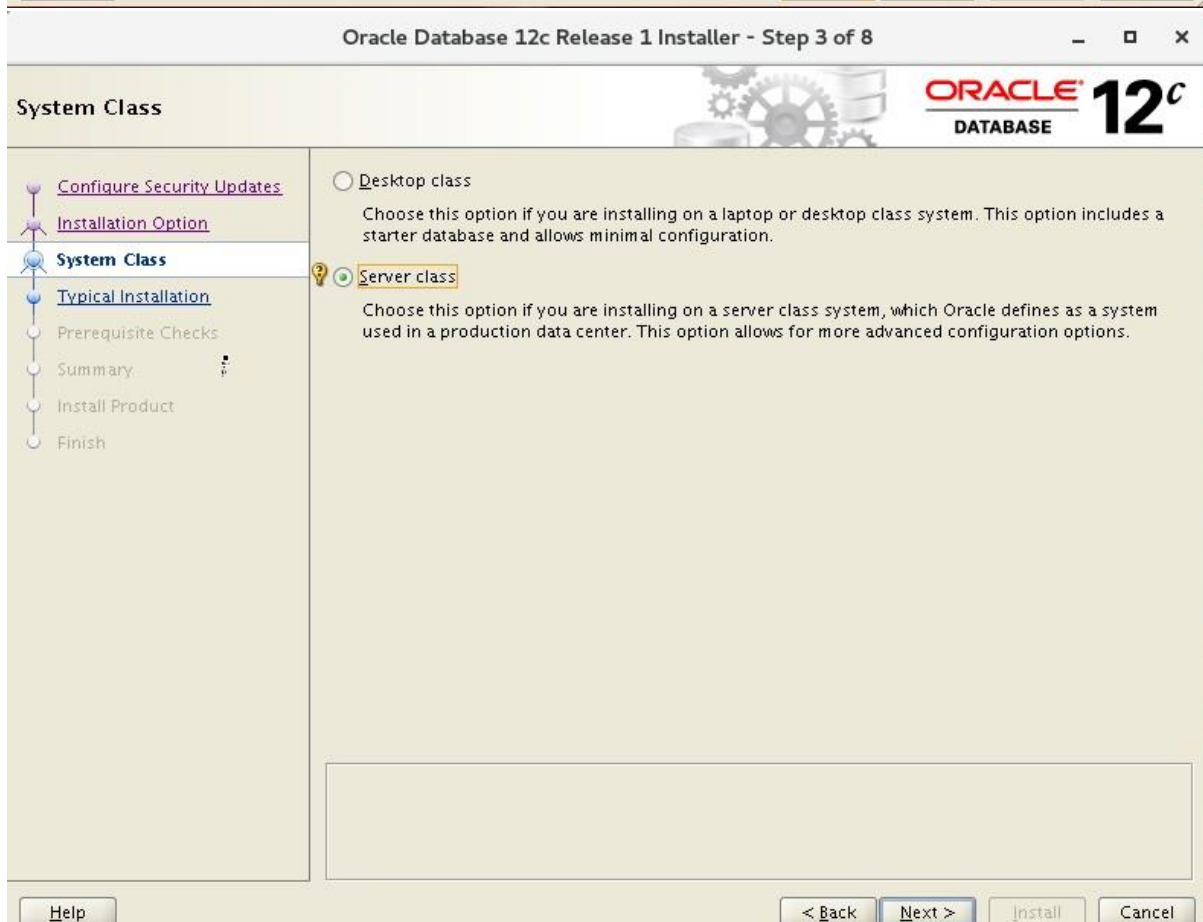
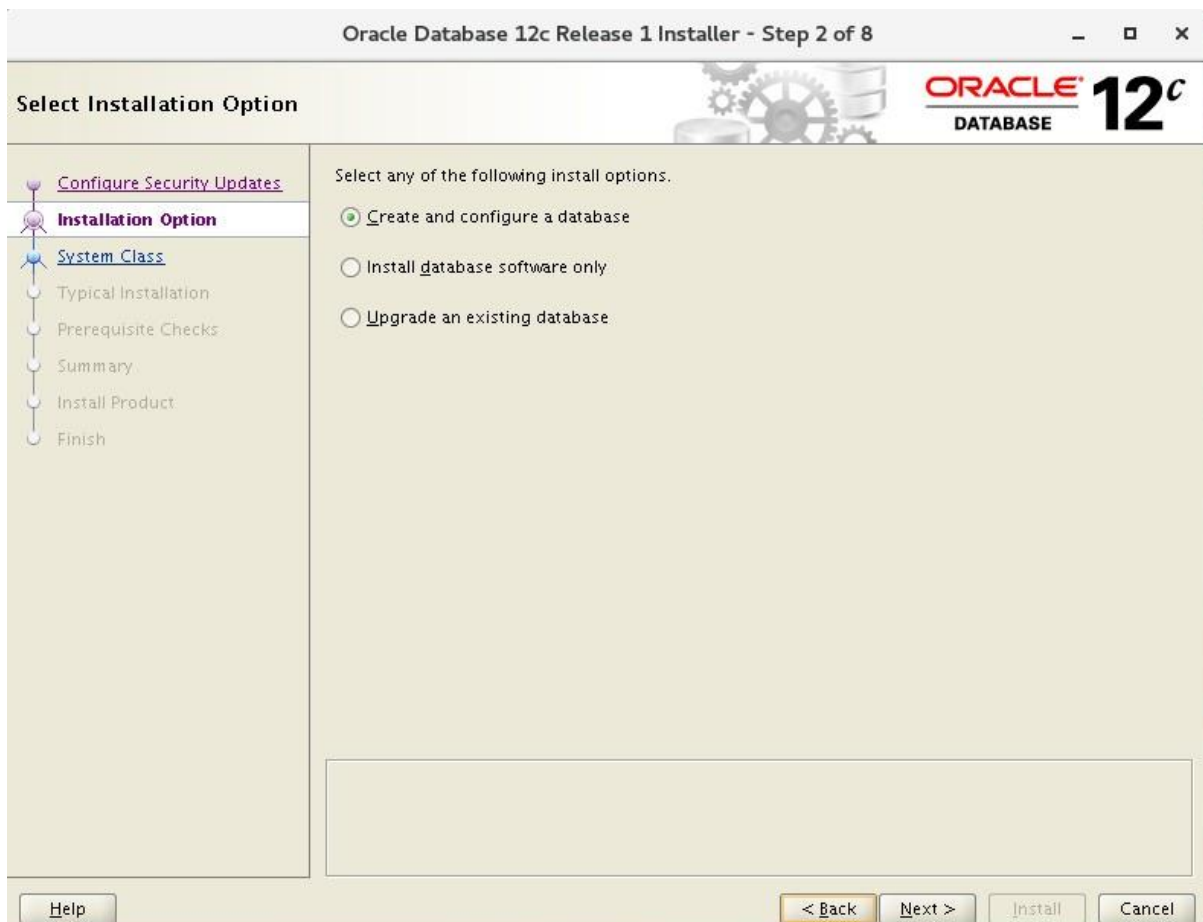
```
[oracle@ezylebuat install]$
```

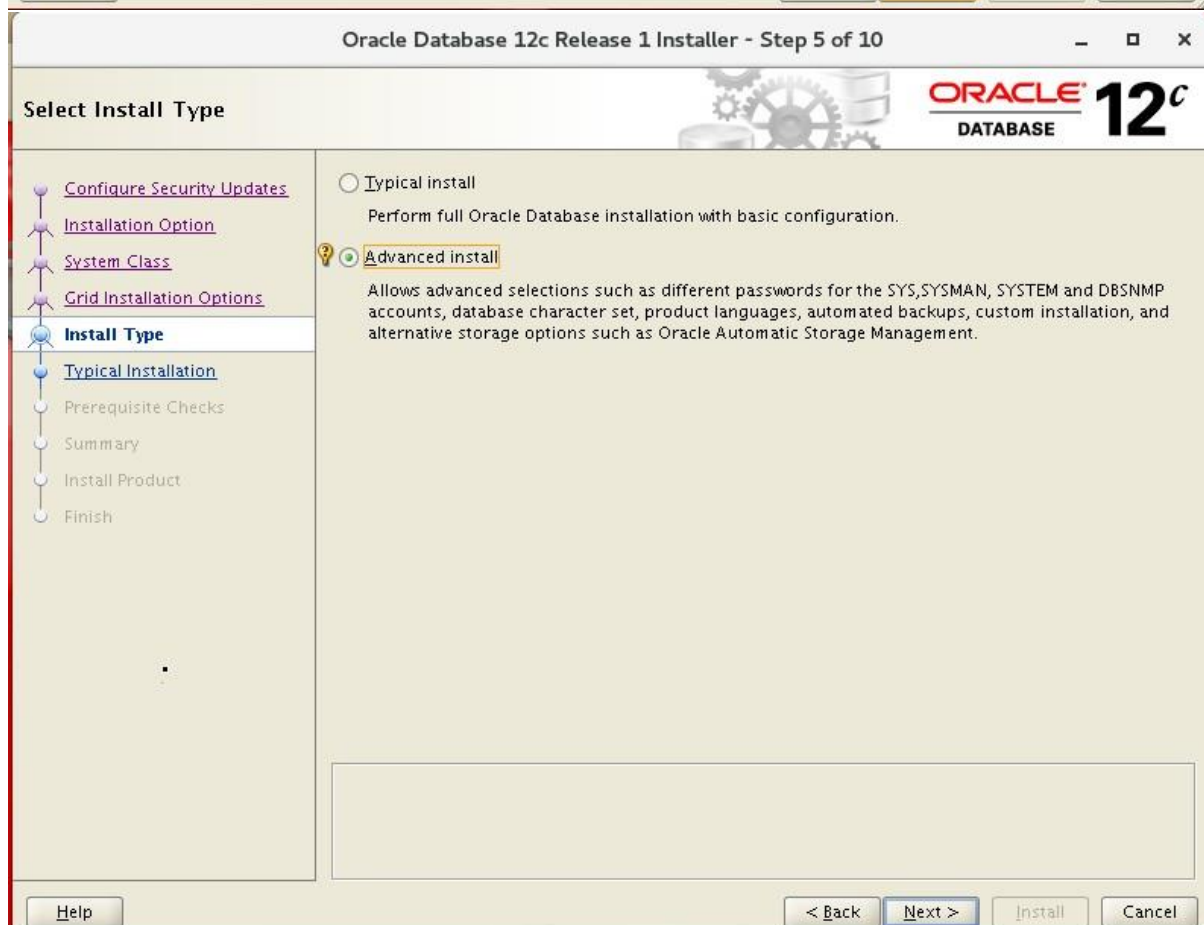
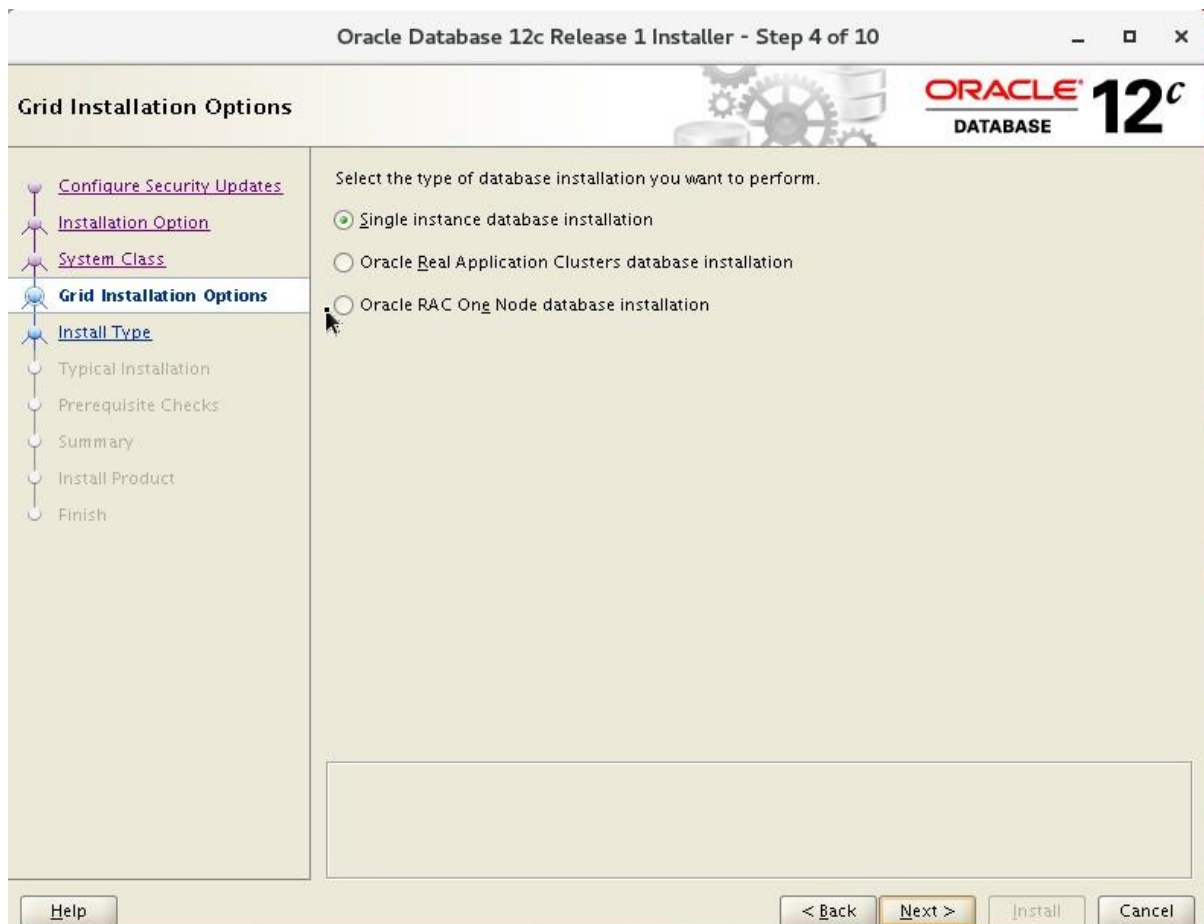
Step 10: Start the installation

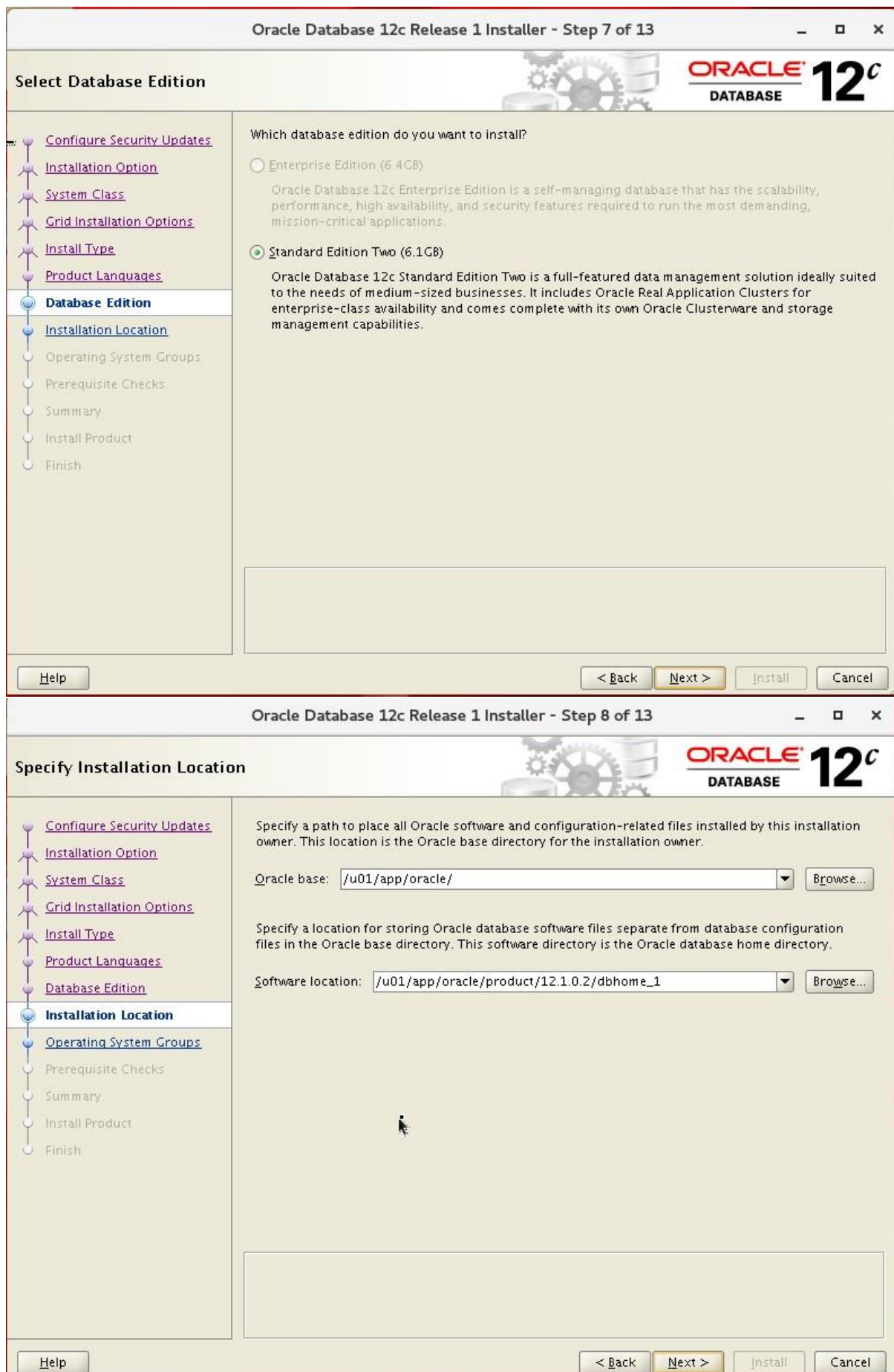


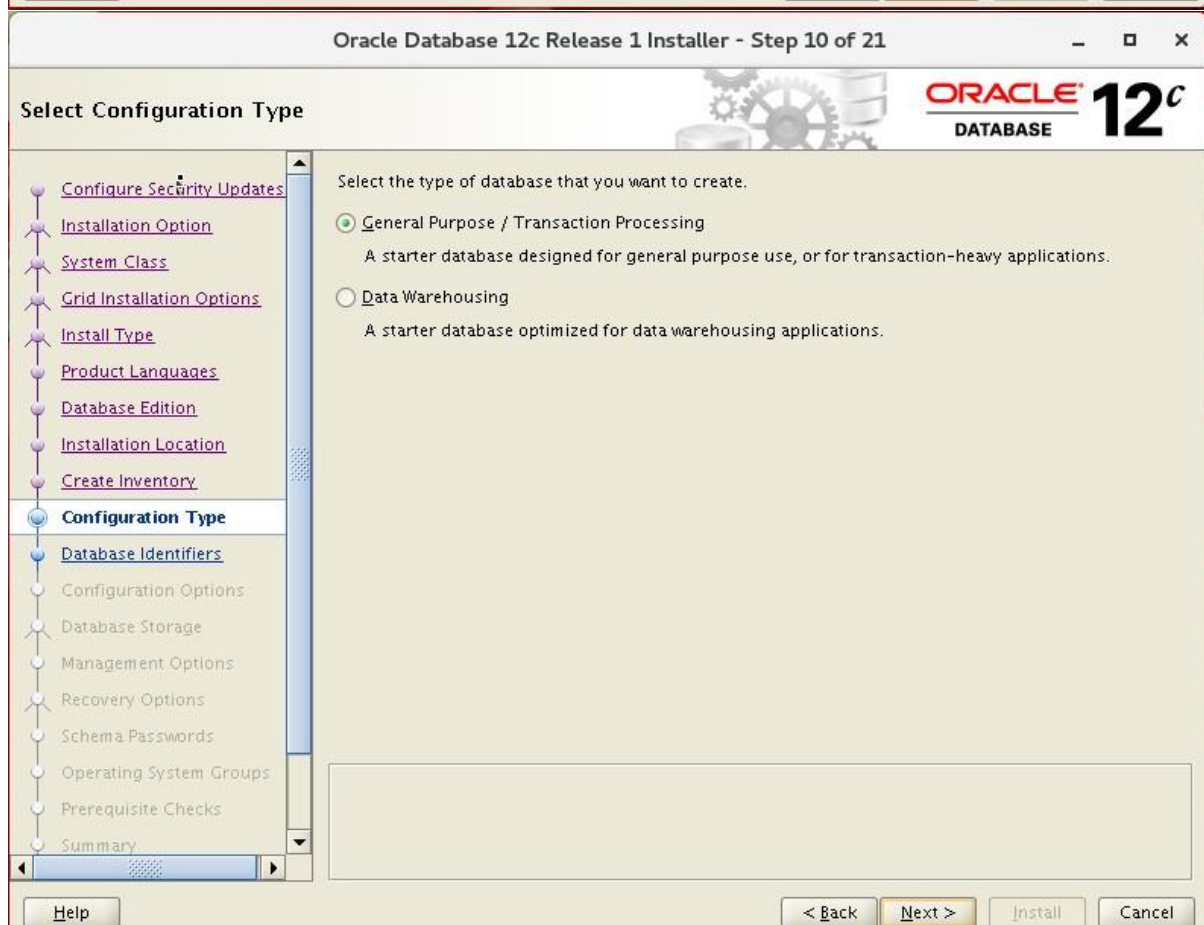
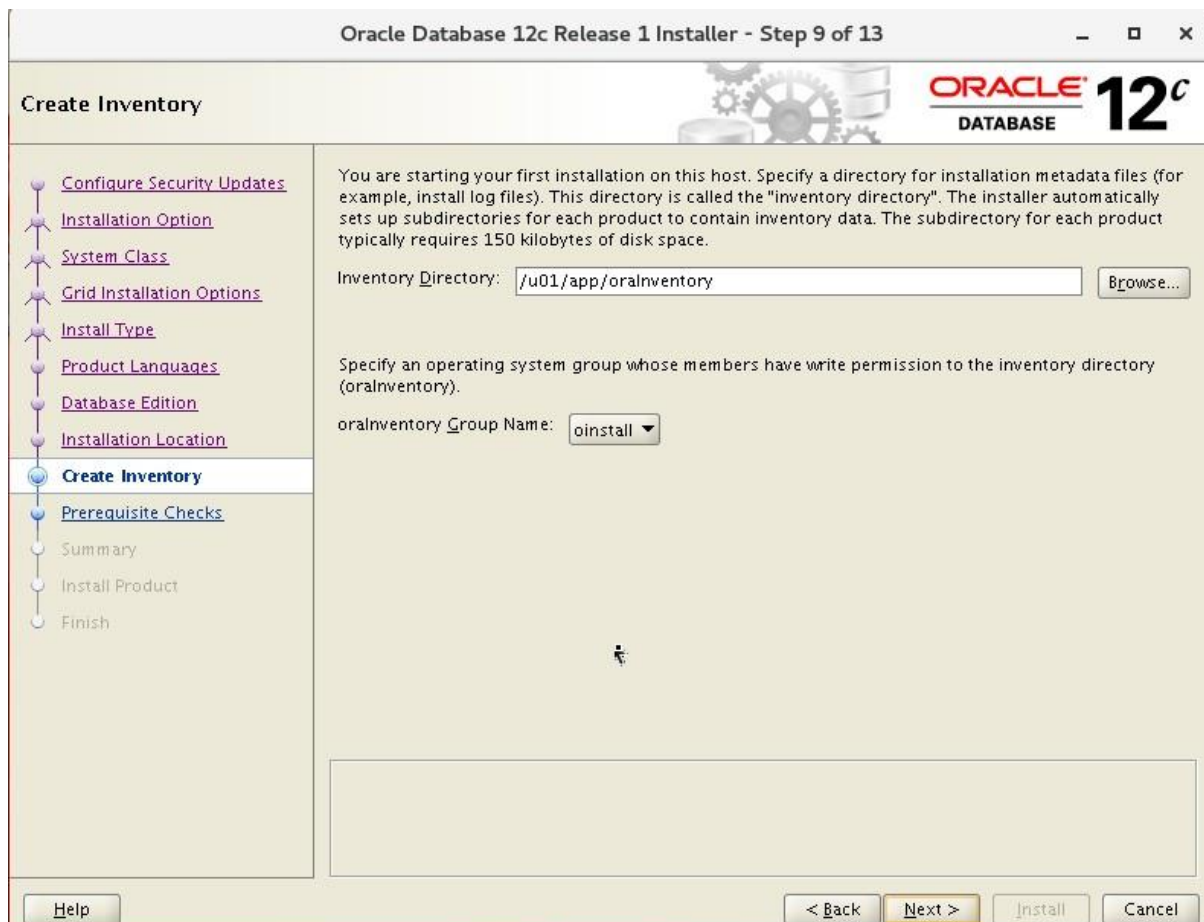
```
oracle@ezylebuat:/install/database
File Edit View Search Terminal Help
[oracle@ezylebuat ~]$ cd /install/
[oracle@ezylebuat install]$ ls
database                                linuxamd64_12102_database_se2_2of2.zip
linuxamd64_12102_database_se2_1of2.zip
[oracle@ezylebuat install]$ cd database/
[oracle@ezylebuat database]$ ls
install response rpm runInstaller sshsetup stage welcome.html
[oracle@ezylebuat database]$ ./runInstaller
```

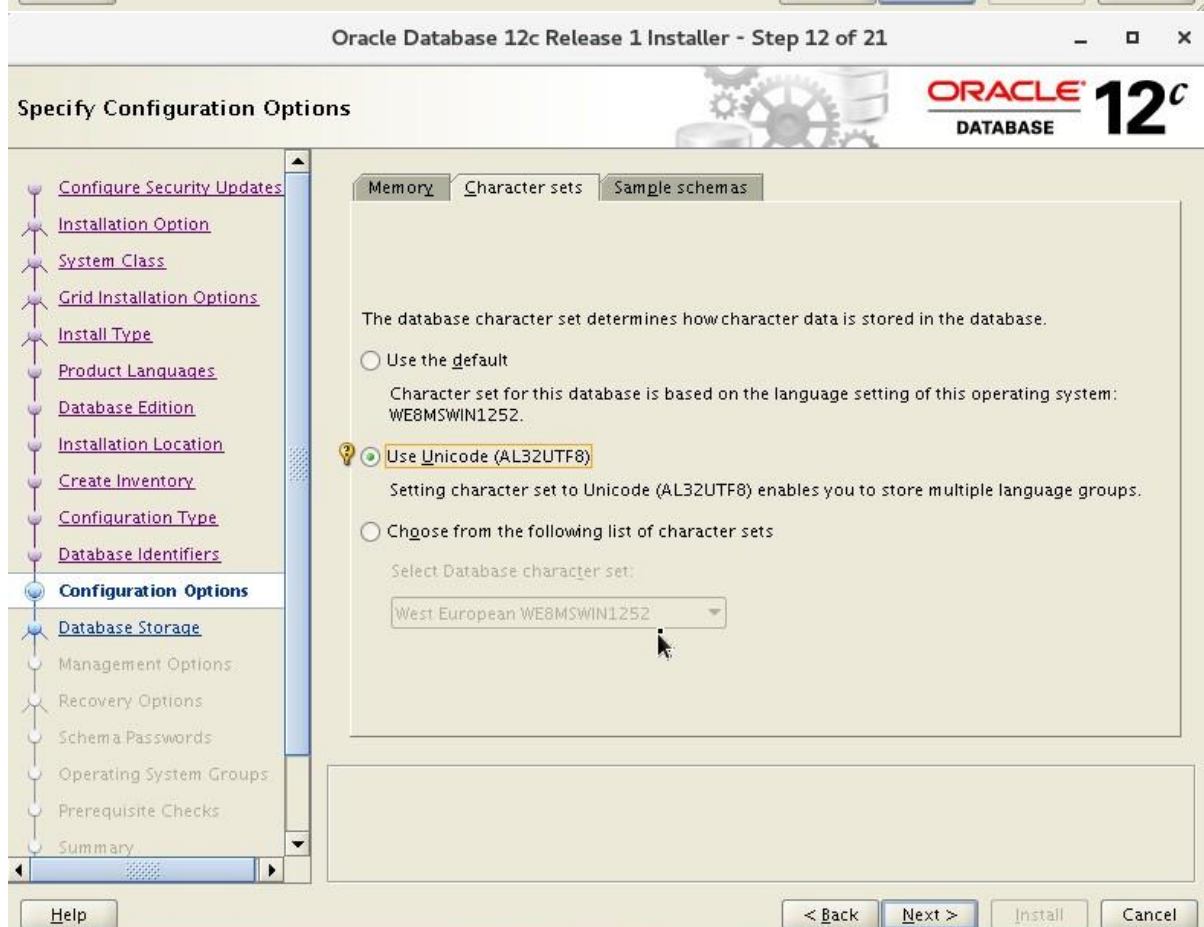
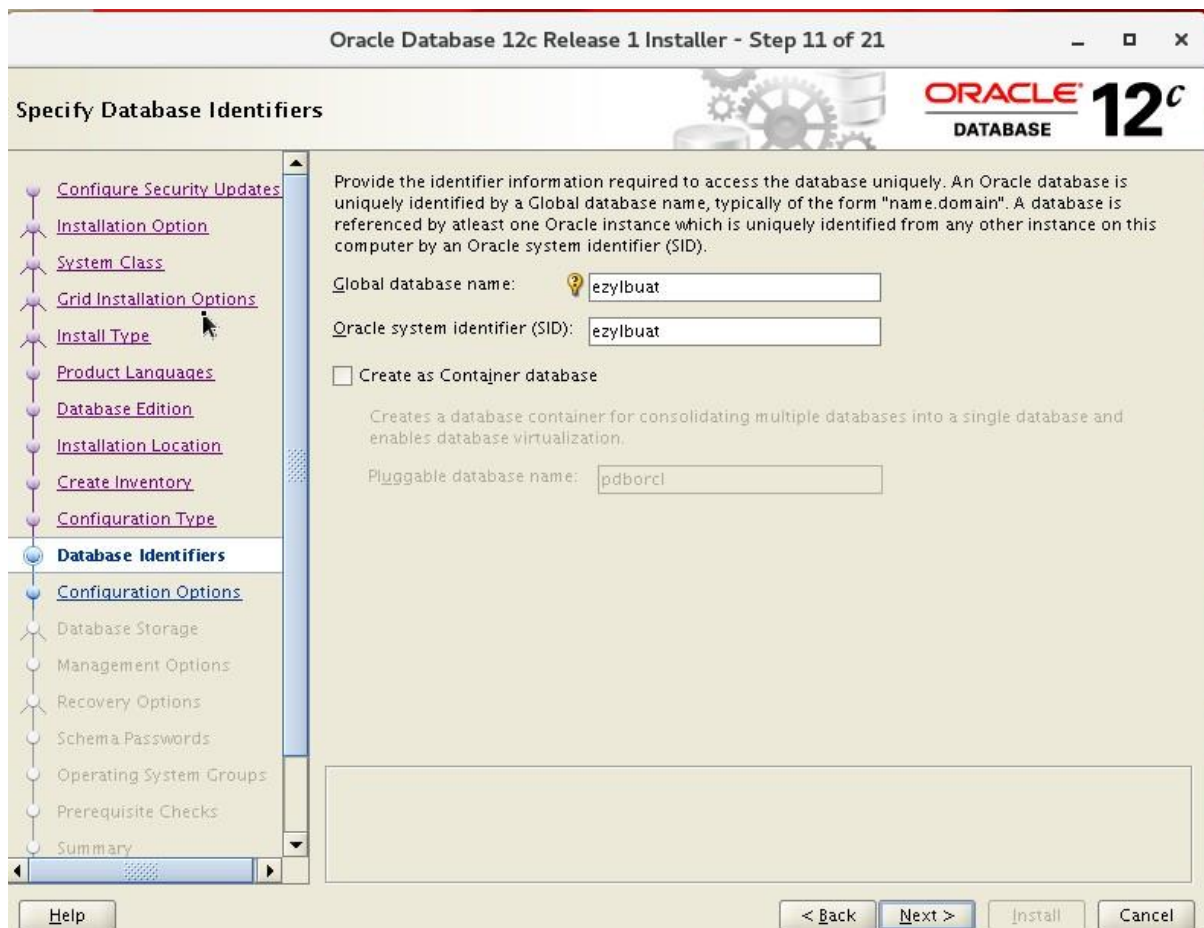


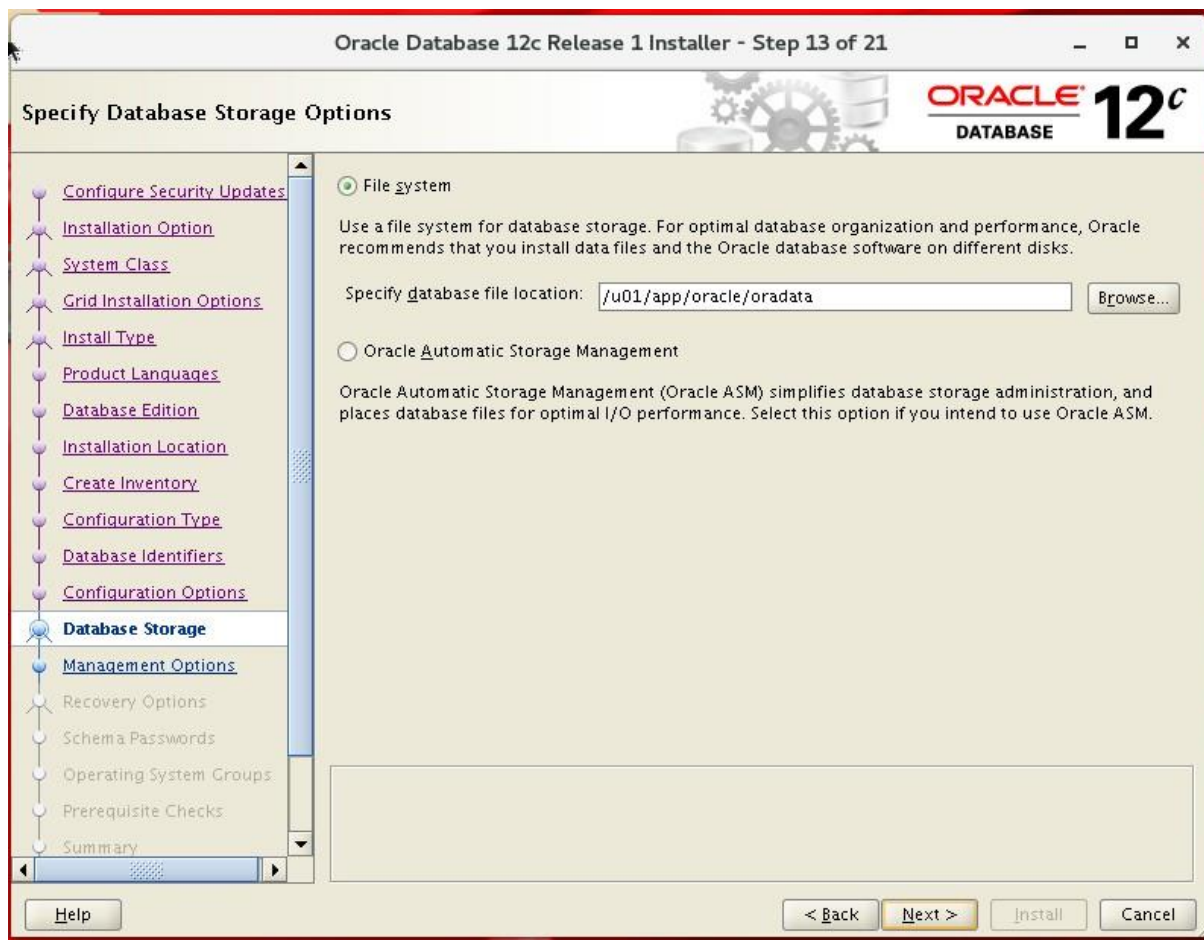












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Specify Management Options

Oracle Database 12c is managed by Oracle Database Express by default. You can use Oracle Enterprise Manager 12c Cloud Control to manage each Oracle Database 12c centrally. Specify the details of the Cloud Control configuration to manage your database.

☐ Register with Enterprise Manager (EM) Cloud Control

OMS Host:

OMS Port:

EM Admin User Name:

EM Admin Password:

Management Options

- Configure Security Updates
- Installation Option
- System Class
- Grid Installation Options
- Install Type
- Product Languages
- Database Edition
- Installation Location
- Create Inventory
- Configuration Type
- Database Identifiers
- Configuration Options
- Database Storage
- Management Options**
- Recovery Options
- Schema Passwords
- Operating System Groups
- Prerequisite Checks
- Summary

Help < Back Next > Install Cancel

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Specify Recovery Options

Enable or disable recovery for your database. If you choose to enable recovery, then the location specified will be used as recovery area storage.

☐ Enable Recovery

☒ File system

Recovery area location: Browse...

☐ Oracle Automatic Storage Management

Recovery Options

- Configure Security Updates
- Installation Option
- System Class
- Grid Installation Options
- Install Type
- Product Languages
- Database Edition
- Installation Location
- Create Inventory
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- Database Identifiers
- Configuration Options
- Database Storage
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Specify Schema Passwords

The starter database contains pre-loaded schemas, most of which have passwords that are expired and locked at the end of installation. After installation is complete, you must unlock and set new passwords for those accounts you want to use. Schemas used for database management and postinstallation functions are left unlocked, and passwords for these accounts will not expire. Specify the passwords for these accounts.

☐ Use different passwords for these accounts

	Password	Confirm password
SYS		
SYSTEM		
DBSNMP		

☒ Use the same password for all accounts

Password: Confirm password:

Help < Back Next > Install Cancel

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Privileged Operating System groups

SYS privileges are required to create a database using operating system (OS) authentication. Membership in OS Groups grants the corresponding SYS privilege, eg. membership in OSDBA grants the SYSDBA privilege.

Database Administrator (OSDBA) group: dba

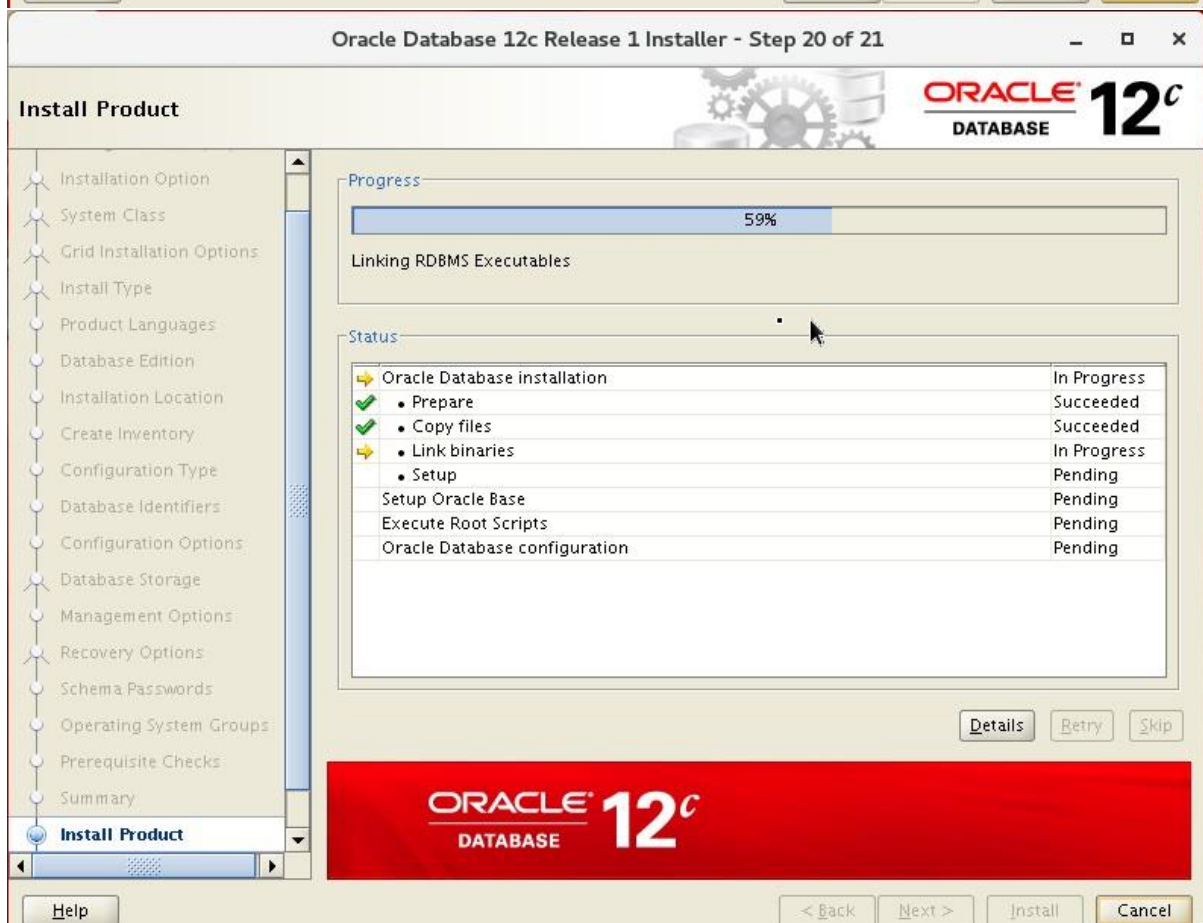
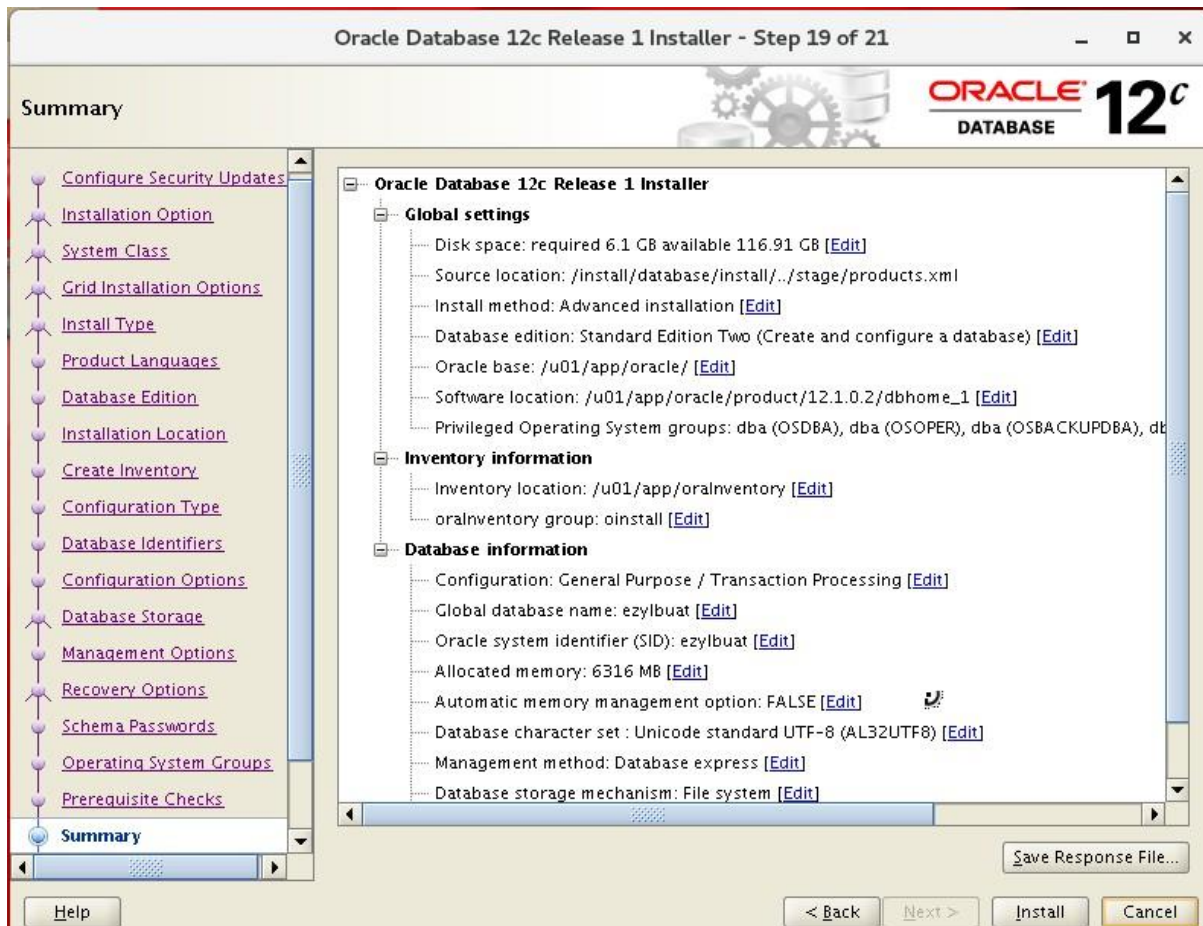
Database Operator (OSOPER) group (Optional): dba

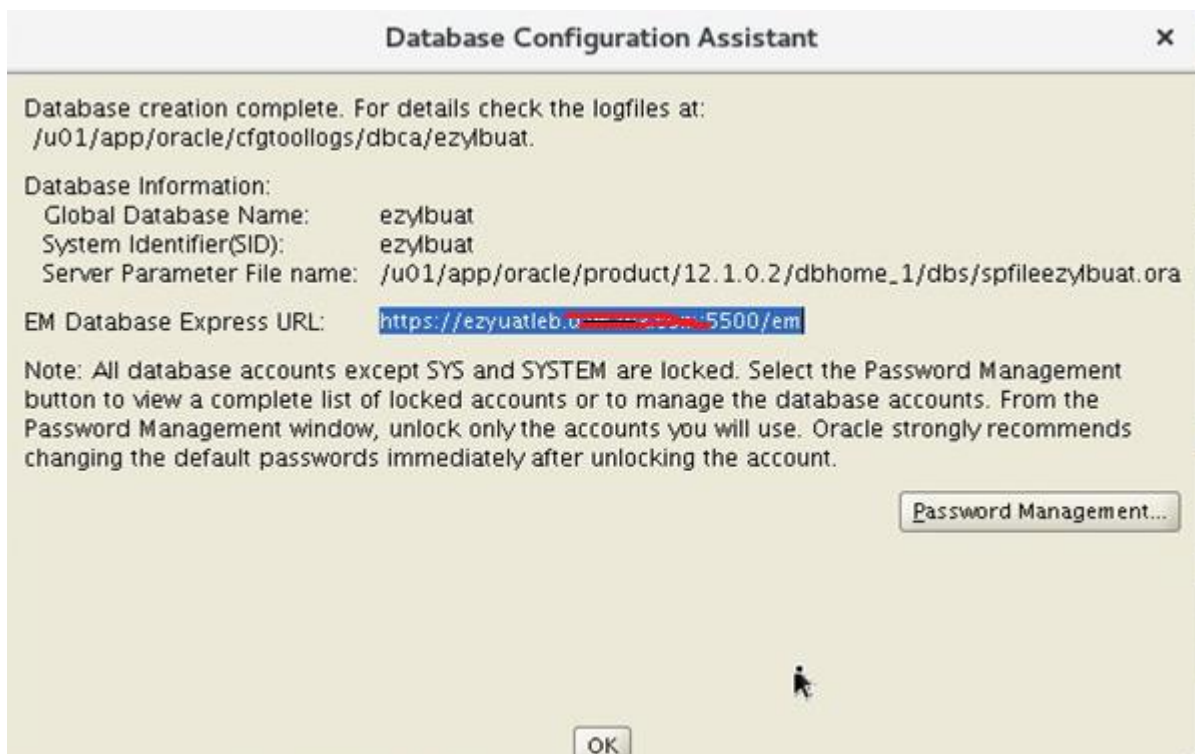
Database Backup and Recovery (OSBACKUPDBA) group: dba

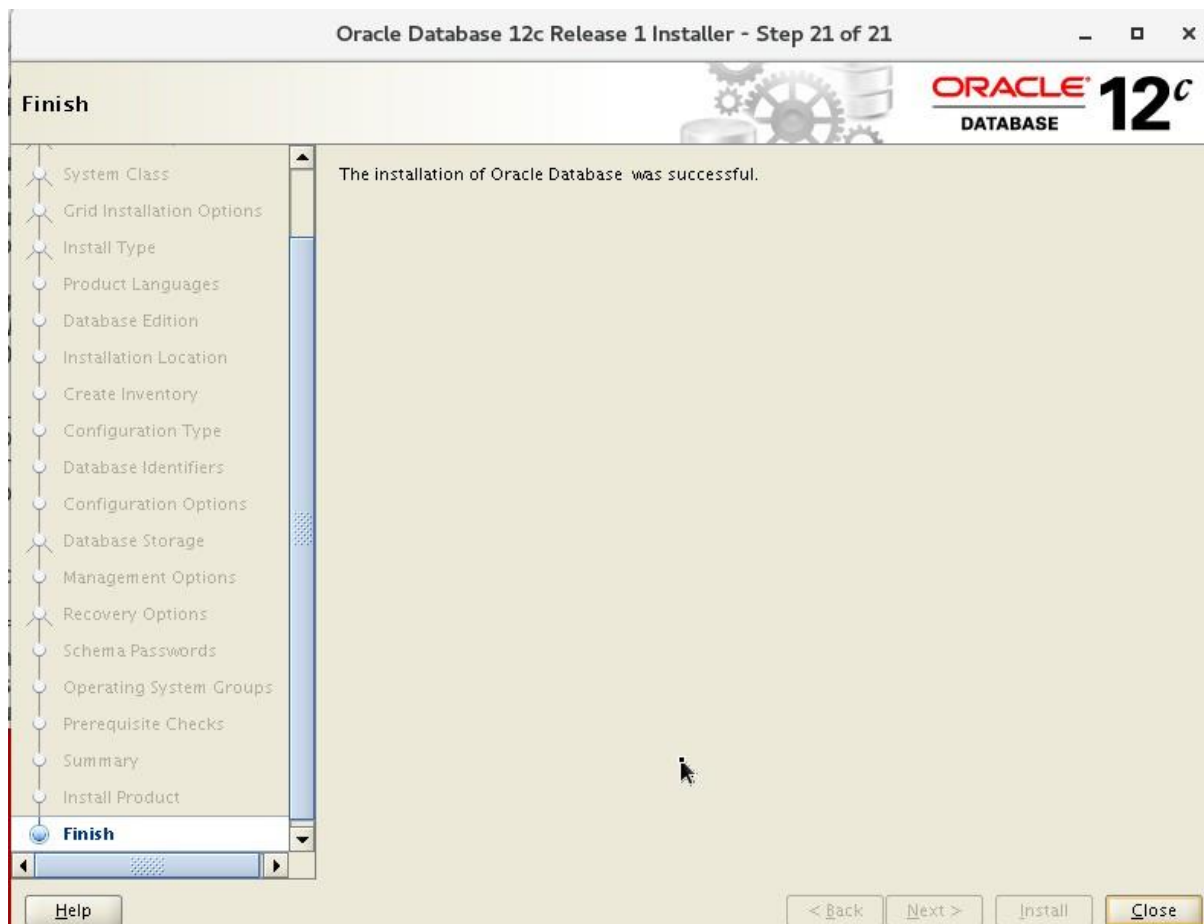
Data Guard administrative (OSDGDBA) group: dba

Encryption Key Management administrative (OSKMDBA) group: dba

Help < Back Next > Install Cancel







Step 11: Check the database

```
[oracle@ezylebuat ~]$ export ORACLE_SID=ezylduat
[oracle@ezylebuat ~]$ sqlplus / as sysdba

SQL*Plus: Release 12.1.0.2.0 Production on Thu Jan 18 09:28:38 2018

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Connected to:
Oracle Database 12c Standard Edition Release 12.1.0.2.0 - 64bit Production

SQL> select name from v$database;

NAME
-----
EZYLDUAT

SQL> █
```