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RPM 3

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zip 8

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Oracle DB 19c on Rocky 9

Oracle Database 19c Installation on Rocky Linux 9 — 2025/07/11 07:16

Rocky Linux 9.6 DB 19c(19.27)
2025-07-11

OS: Rocky Linux 9 (9.6) - Server with GUI DB: Oracle Database 19c (19.3 → 19.27 patch with OPatch)

Oracle Database 19c RHEL8/9 가 가
 client_sharedlib 가 libasmclntsh19.ohso libasmperl19.ohso
 2가

- rpm
- OPatch DBRU

rpm /opt/oracle
 Enterprise Edition 가 가
 rpm Standard Edition

RPM

RPM

- <https://www.oracle.com/kr/database/technologies/oracle-database-software-downloads.html>
- <https://www.oracle.com/database/technologies/oracle19c-linux-downloads.html>

RPM Enterprise Edition

가 preinstall

- https://yum.oracle.com/repo/OracleLinux/OL9/appstream/x86_64/getPackage/oracle-database-preinstall-19c-1.0-1.el9.x86_64.rpm

oracle-database-preinstall

- 가
- THP Disable
- limits
- sysctl

Oracle Linux

Oracle Linux
RHEL/Rocky

- selinux disable Permissive
- firewalld disable

가

- oracle-database-ee-19c-1.0-1.x86_64.rpm
- oracle-database-preinstall-19c-1.0-1.el9.x86_64.rpm

oracle-database-preinstall root

```
[root@oracle1 ~]# dnf localinstall oracle-database-  
preinstall-19c-1.0-1.el9.x86_64.rpm
```

```
# 가 oracle  
[root@oracle1 ~]# passwd oracle  
Changing password for user oracle.  
New password:  
Retype new password:  
passwd: all authentication tokens updated successfully.
```

```
[root@oracle1 ~]# reboot
```



```
[root@oracle1 ~]# dnf localinstall oracle-database-ee-19c-1.0-1.x86_64.rpm
Last metadata expiration check: 0:02:06 ago on Fri 11 Jul 2025 05:00:59 PM KST.
```

```
Dependencies resolved.
```

```
=====
=====
```

```
==
```

Package	Repository	Architecture	Size
Version			

```
=====
=====
```

```
==
Installing:
 oracle-database-ee-19c      x86_64
 1.0-1                      @commandline                2.5 G
```

```
Transaction Summary
```

```
=====
=====
```

```
==
Install 1 Package
```

```
Total size: 2.5 G
Installed size: 6.9 G
Is this ok [y/N]: y
```

```
Downloading Packages:
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
```

```
Running transaction
  Preparing      :
1/1
  Running scriptlet: oracle-database-ee-19c-1.0-1.x86_64
1/1
  Installing      : oracle-database-ee-19c-1.0-1.x86_64
1/1
  Running scriptlet: oracle-database-ee-19c-1.0-1.x86_64
1/1
```

```
[INFO] Executing post installation scripts...
[INFO] Oracle home installed successfully and ready to be configured.
To configure a sample Oracle Database you can execute the following service
configuration script as root: /etc/init.d/oracledb_ORCLCDB-19c configure
```

```
  Verifying      : oracle-database-ee-19c-1.0-1.x86_64
1/1
```

```
Installed:
 oracle-database-ee-19c-1.0-1.x86_64
```

```
Complete!
```

```
[root@oracle1 ~]#
```

```
가  
/etc/sysconfig/oracledb_ORCLCDB-19c.conf
```

- LISTENER_PORT=1521
- ORACLE_DATA_LOCATION=/opt/oracle/oradata
- EM_EXPRESS_PORT=5500

```
#This is a configuration file to setup the Oracle Database.  
#It is used when running '/etc/init.d/oracledb_ORCLCDB configure'.  
#Please use this file to modify the default listener port and the  
#Oracle data location.
```

```
# LISTENER_PORT: Database listener  
LISTENER_PORT=1521
```

```
# ORACLE_DATA_LOCATION: Database oradata location  
ORACLE_DATA_LOCATION=/opt/oracle/oradata
```

```
# EM_EXPRESS_PORT: Oracle EM Express listener  
EM_EXPRESS_PORT=5500
```

```
[root@oracle1 ~]# /etc/init.d/oracledb_ORCLCDB-19c configure  
Configuring Oracle Database ORCLCDB.  
Prepare for db operation  
8% complete  
Copying database files  
31% complete  
Creating and starting Oracle instance  
32% complete  
36% complete  
40% complete  
43% complete  
46% complete  
Completing Database Creation  
51% complete  
54% complete  
Creating Pluggable Databases  
58% complete  
77% complete  
Executing Post Configuration Actions  
100% complete  
Database creation complete. For details check the logfiles at:  
/opt/oracle/cfgtoollogs/dbca/ORCLCDB.
```

```

Database Information:
Global Database Name:ORCLCDB
System Identifier(SID):ORCLCDB
Look at the log file "/opt/oracle/cfgtoollogs/dbca/ORCLCDB/ORCLCDB.log" for
further details.

```

```

Database configuration completed successfully. The passwords were auto
generated, you must change them by connecting to the database using 'sqlplus
/ as sysdba' as the oracle user.
[root@oracle1 ~]#

```

가 .

oracle .

oracle . .bashrc .

```

[root@oracle1 ~]# su - oracle
[oracle@oracle1 ~]$ vim .bashrc
export ORACLE_BASE=/opt/oracle                                     ### <<<      !!
    /가      가
export ORACLE_HOME=$ORACLE_BASE/product/19c/dbhome_1
export ORACLE_SID=ORCLCDB
export PATH=$ORACLE_HOME/bin:$PATH

#
[oracle@oracle1 ~]$ source .bashrc

[oracle@oracle1 ~]$ sqlplus / as sysdba

SQL*Plus: Release 19.0.0.0.0 - Production on Fri Jul 11 17:38:43 2025
Version 19.3.0.0.0

Copyright (c) 1982, 2019, Oracle. All rights reserved.

Connected to:
Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production
Version 19.3.0.0.0

SQL> SELECT banner FROM v$version;

BANNER
-----
----
Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production

```

```
SQL> exit

[oracle@oracle1 ~]$ lsnrctl status

LSNRCTL for Linux: Version 19.0.0.0.0 - Production on 11-JUL-2025 17:42:03

Copyright (c) 1991, 2019, Oracle. All rights reserved.

Connecting to
(DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=oracle1)(PORT=1521)))
STATUS of the LISTENER
-----
Alias                     LISTENER
Version                   TNSLSNR for Linux: Version 19.0.0.0.0 - Production
Start Date                11-JUL-2025 17:08:53
Uptime                    0 days 0 hr. 33 min. 11 sec
Trace Level               off
Security                  ON: Local OS Authentication
SNMP                      OFF
Listener Parameter File
/opt/oracle/product/19c/dbhome_1/network/admin/listener.ora
Listener Log File
/opt/oracle/diag/tnslsnr/oracle1/listener/alert/log.xml
Listening Endpoints Summary...
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=oracle1)(PORT=1521)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=EXTPROC1521)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcps)(HOST=oracle1)(PORT=5500))(Security=(my
_wallet_directory=/opt/oracle/admin/ORCLCDB/xdb_wallet))(Presentation=HTTP)(
Session=RAW))
Services Summary...
Service "39a40b62792c1587e06550540097f83a" has 1 instance(s).
  Instance "ORCLCDB", status READY, has 1 handler(s) for this service...
Service "ORCLCDB" has 1 instance(s).
  Instance "ORCLCDB", status READY, has 1 handler(s) for this service...
Service "ORCLCDBXDB" has 1 instance(s).
  Instance "ORCLCDB", status READY, has 1 handler(s) for this service...
Service "orclpdb1" has 1 instance(s).
  Instance "ORCLCDB", status READY, has 1 handler(s) for this service...
The command completed successfully
[oracle@oracle1 ~]$
```

zip

zip Standard Edition

zip

- oracle-database-preinstall-19c-1.0-1.el9.x86_64.rpm : preinstall
- LINUX.X64_193000_db_home.zip : Oracle Database 19c (19.3.0.0.0)
- p6880880_190000_Linux-x86-64.zip : OPatch 12.2.0.1.46 for DB 19.0.0.0.0 (Apr 2025)
- p37641958_190000_Linux-x86-64.zip : Oracle Database 19.27 GI patch

oracle-database-preinstall-19c-1.0-1.el9.x86_64.rpm rpm 가
 Oracle DB :
https://yum.oracle.com/repo/OracleLinux/OL9/appstream/x86_64/getPackage/oracle-database-preinst-all-19c-1.0-1.el9.x86_64.rpm

LINUX.X64_193000_db_home.zip 가 :
 RHEL/Rocky 9 :
<https://www.oracle.com/kr/database/technologies/oracle-database-software-downloads.html>
 : <https://www.oracle.com/database/technologies/oracle19c-linux-downloads.html>

p6880880_190000_Linux-x86-64.zip OPatch
 : [Download Latest OPatch Version](#)

p37641958_190000_Linux-x86-64.zip 19.27.0.0.0 가
 19.3.0.0.0 : [GI Release Update 19.27.0.0.0 \(System Patch\)](#)



가 .

- <https://dl.cadwin.net/Oracle/patches/>
가 .
p33515361_190000_Linux-x86-64.zip
19.14.0.0.0

root preinstall oracle

```
[root@oracle1 ~]# dnf localinstall oracle-database-preinstall-19c-1.0-1.el9.x86_64.rpm
[root@oracle1 ~]# passwd oracle
```

```
Changing password for user oracle.  
New password:  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@oracle1 ~]# reboot
```

oracle

```
[root@oracle1 ~]# mkdir -p /app/oracle  
[root@oracle1 ~]# chown -R oracle. /app
```

oracle .oracle (/home/oracle/)

- LINUX.X64_193000_db_home.zip
- p37641958_190000_Linux-x86-64.zip
- p6880880_190000_Linux-x86-64.zip

가

- CV_ASSUME_DISTID : RHEL9
- ORACLE_BASE : /app/oracle
- ORACLE_HOME : \$ORACLE_BASE/product/19c/dbhome_1
- ORACLE_SID : ORCLCDB
- Installation : Standard Edition

.bashrc

```
export CV_ASSUME_DISTID=RHEL9  
export ORACLE_BASE=/app/oracle  
export ORACLE_HOME=$ORACLE_BASE/product/19c/dbhome_1  
export ORACLE_SID=ORCLCDB  
export PATH=$ORACLE_HOME/bin:$PATH
```

```
[oracle@oracle1 ~]$ source .bashrc  
[oracle@oracle1 ~]$
```

LINUX.X64_193000_db_home.zip /app/oracle/product/19c/dbhome_1

```
[oracle@oracle1 ~]$ mkdir -p /app/oracle/product/19c/dbhome_1  
[oracle@oracle1 ~]$ cd /app/oracle/product/19c/dbhome_1  
[oracle@oracle1 dbhome_1]$ unzip ~/LINUX.X64_193000_db_home.zip
```

```

Archive:  /home/oracle/LINUX.X64_193000_db_home.zip
  creating: drdaas/
  creating: drdaas/admin/
 inflating: drdaas/admin/drdsqtt_translator_setup.sql
 inflating: drdaas/admin/drdapkg_db2.sql
 inflating: drdaas/admin/drdaas.ora
 inflating: drdaas/admin/drdsqt_set_profile_dd.sql
  creating: drdaas/lib/
 inflating: drdaas/lib/s0dpspmain.o

...

jdk/jre/bin/ControlPanel -> jcontrol
javavm/admin/lfclasses.bin -> ../../javavm/jdk/jdk8/admin/lfclasses.bin
javavm/lib/security/cacerts ->
../../..../javavm/jdk/jdk8/lib/security/cacerts
javavm/lib/sunjce_provider.jar ->
../../..../javavm/jdk/jdk8/lib/sunjce_provider.jar
javavm/lib/security/README.txt ->
../../..../javavm/jdk/jdk8/lib/security/README.txt
javavm/lib/security/java.security ->
../../..../javavm/jdk/jdk8/lib/security/java.security
jdk/jre/lib/amd64/server/libjsig.so -> ../libjsig.so
[oracle@oracle1 dbhome_1]$

```

```

가          가 가   .OPatch
OPatch      OPatch.old

```

```

[oracle@oracle1 dbhome_1]$ mv OPatch/ OPatch.old
[oracle@oracle1 dbhome_1]$ unzip ~/p6880880_190000_Linux-x86-64.zip
Archive:  /home/oracle/p6880880_190000_Linux-x86-64.zip
  creating: OPatch/
  creating: OPatch/oracle_common/
  creating: OPatch/oracle_common/modules/
 inflating: OPatch/oracle_common/modules/com.oracle.glcm.common-
logging_1.6.5.0.jar
 inflating: OPatch/oracle_common/modules/common-logging-config.jar
 inflating: OPatch/opatch_env.sh
 inflating: OPatch/operr
 inflating: OPatch/README.txt

...

 inflating: OPatch/opatchprereqs/prerequisite.properties
  creating: OPatch/opatchprereqs/oui/
 inflating: OPatch/opatchprereqs/oui/knownedgesrc.xml
  creating: OPatch/opatchprereqs/opatch/
 inflating: OPatch/opatchprereqs/opatch/rulemap.xml
 inflating: OPatch/opatchprereqs/opatch/runtime_prereq.xml
 inflating: OPatch/opatchprereqs/opatch/opatch_prereq.xml

```

```
inflating: OPatch/opatch
[oracle@oracle1 dbhome_1]$
```

19.27.0.0.0 (p37641958_190000_Linux-x86-64.zip)

```
[oracle@oracle1 dbhome_1]$ cd
[oracle@oracle1 ~]$ mkdir patch
[oracle@oracle1 ~]$ cd patch
[oracle@oracle1 patch]$ unzip ~/p37641958_190000_Linux-x86-64.zip
...
inflating: 37641958/automation/bp1-rollback-inplace-automation.xml
inflating: 37641958/automation/bp1-rollback-inplace-non-rolling-
automation.xml
inflating: 37641958/automation/messages.properties
inflating: 37641958/README.txt
inflating: 37641958/README.html
inflating: 37641958/bundle.xml
inflating: PatchSearch.xml
[oracle@oracle1 patch]$
```

```
[oracle@oracle1 ~]$ cd /app/oracle/product/19c/dbhome_1/
[oracle@oracle1 dbhome_1]$ ./runInstaller -applyRU ~/patch/37641958/
Preparing the home to patch...
Applying the patch /home/oracle/patch/37641958/...
Successfully applied the patch.
The log can be found at:
/tmp/InstallActions2025-07-11_09-40-51PM/installerPatchActions_2025-07-11_09
-40-51PM.log
Launching Oracle Database Setup Wizard...
```

GUI

Oracle Database 19c Installer - Step 1 of 9@oracle1

Select Configuration Option

19^c ORACLE Database

Select any of the following install options.

- C**reate and configure a single instance database.
This option creates a starter database.
- S**et Up Software Only

Note 1: For RAC install, do 'Set Up Software Only' and then execute DBCA (Database Configuration Assistant) from the oracle home.
Note 2: To upgrade an Oracle Database, do 'Set Up Software Only' and then execute DBUA (Database Upgrade Assistant) from the oracle home.

Navigation buttons: Help, < Back, Next >, Install, Cancel

Oracle Database 19c Installer - Step 2 of 8@oracle1

Select System Class

19^c ORACLE[®] Database

- Configuration Option
- System Class**
- Typical Installation
- Root script execution
- Prerequisite Checks
- Summary
- Install Product
- Finish

Desktop class
Choose this option if you are installing on a laptop or desktop class system. This option includes a starter database and allows minimal configuration.

Server class
Choose this option if you are installing on a server class system, which Oracle defines as a system used in a production data center. This option allows for more advanced configuration options.

Help < Back Next > Install Cancel

Oracle Database 19c Installer - Step 3 of 18@oracle1

Select Database Edition



Which database edition do you want to install?

Enterprise Edition

Oracle Database 19c Enterprise Edition is a self-managing database that has the scalability, performance, high availability, and security features required to run the most demanding, mission-critical applications.

Standard Edition 2

Oracle Database 19c Standard Edition 2 is a full-featured data management solution ideally suited to the needs of medium-sized businesses.

- Configuration Option
- System Class
- Database Edition**
- Installation Location
- Create Inventory
- Configuration Type
- Database Identifiers
- Configuration Options
- Database Storage
- Management Options
- Recovery Options
- Schema Passwords
- Operating System Groups
- Root script execution
- Prerequisite Checks
- Summary
- Install Product
- Finish

Help < Back Next > Install Cancel

The screenshot shows the Oracle Database 19c Installer window at Step 4 of 18. The window title is "Oracle Database 19c Installer - Step 4 of 18@oracle1". The main heading is "Specify Installation Location" with the Oracle 19c Database logo in the top right corner.

On the left is a vertical navigation pane with the following steps: Configuration Option, System Class, Database Edition, **Installation Location** (highlighted), Create Inventory, Configuration Type, Database Identifiers, Configuration Options, Database Storage, Management Options, Recovery Options, Schema Passwords, Operating System Groups, Root script execution, Prerequisite Checks, Summary, Install Product, and Finish.

The main content area contains the following text and controls:

- Instruction: "Specify a path to place all Oracle software and configuration-related files installed by this installation owner. This location is the Oracle base directory for the installation owner."
- Control: "Oracle base:" followed by a text box containing "/app/oracle" and a "Browse..." button.
- Text: "This software directory is the Oracle Database home directory."
- Text: "Software location: /app/oracle/product/19c/dbhome_1"
- A large empty rectangular box at the bottom of the main area.

At the bottom of the window are four buttons: "Help", "< Back", "Next >" (highlighted in yellow), "Install", and "Cancel".

Oracle Database 19c Installer - Step 5 of 18@oracle1

Create Inventory

19^c ORACLE[®] Database

- Configuration Option
- System Class
- Database Edition
- Installation Location
- Create Inventory**
- Configuration Type
- Database Identifiers
- Configuration Options
- Database Storage
- Management Options
- Recovery Options
- Schema Passwords
- Operating System Groups
- Root script execution
- Prerequisite Checks
- Summary
- Install Product
- Finish

You are starting your first installation on this host. Specify a directory for installation metadata files (for example, install log files). This directory is called the "inventory directory". The installer automatically sets up subdirectories for each product to contain inventory data. The subdirectory for each product typically requires 150 kilobytes of disk space.

Inventory Directory:

Specify an operating system group whose members have write permission to the inventory directory (orainventory).

orainventory Group Name:

Oracle Database 19c Installer - Step 6 of 18@oracle1

Select Configuration Type

19^c ORACLE Database

Select the type of database that you want to create.

- General Purpose / Transaction Processing**
A starter database designed for general purpose use, or for transaction-heavy applications.
- Data Warehousing**
A starter database optimized for data warehousing applications.

Configuration Option
System Class
Database Edition
Installation Location
Create Inventory
Configuration Type
Database Identifiers
Configuration Options
Database Storage
Management Options
Recovery Options
Schema Passwords
Operating System Groups
Root script execution
Prerequisite Checks
Summary
Install Product
Finish

Help < Back Next > Install Cancel

Oracle Database 19c Installer - Step 7 of 18@oracle1

Specify Database Identifiers

19^c ORACLE[®] Database

- Configuration Option
- System Class
- Database Edition
- Installation Location
- Create Inventory
- Configuration Type
- Database Identifiers**
- Configuration Options
- Database Storage
- Management Options
- Recovery Options
- Schema Passwords
- Operating System Groups
- Root script execution
- Prerequisite Checks
- Summary
- Install Product
- Finish

Provide the identifier information required to access the database uniquely. An Oracle database is uniquely identified by a Global database name, typically of the form "name.domain". A database is referenced by at least one Oracle instance which is uniquely identified from any other instance on this computer by an Oracle system identifier (SID).

Global database name:

Oracle system identifier (SID):

Create as Container database

Creates a database container for consolidating multiple databases into a single database and enables database virtualization.

Pluggable database name:

Oracle Database 19c Installer - Step 8 of 18@oracle1

Specify Configuration Options

19^c ORACLE Database

- Configuration Option
- System Class
- Database Edition
- Installation Location
- Create Inventory
- Configuration Type
- Database Identifiers
- Configuration Options**
- Database Storage
 - Management Options
 - Recovery Options
 - Schema Passwords
 - Operating System Groups
 - Root script execution
 - Prerequisite Checks
 - Summary
 - Install Product
 - Finish

Memory | Character sets | Sample schemas

Enabling Automatic Memory Management allows the database to distribute memory automatically between the system global area (SGA) and the program global area (PGA), based on user-specified overall database memory target size. If automatic memory management is not enabled, then the SGA and PGA must be sized manually.

Enable Automatic Memory Management

Allocate memory: 256 6293 15732 6,293 40 %

SGA target:	4719	MB
PGA aggregate target:	1574	MB
Target database memory:	6293	MB

Help < Back Next > Install Cancel

Oracle Database 19c Installer - Step 9 of 18@oracle1

Specify Database Storage Options



- Configuration Option
- System Class
- Database Edition
- Installation Location
- Create Inventory
- Configuration Type
- Database Identifiers
- Configuration Options
- Database Storage**
- Management Options
- Recovery Options
- Schema Passwords
- Operating System Groups
- Root script execution
- Prerequisite Checks
- Summary
- Install Product
- Finish

File system

Use a file system for database storage. For optimal database organization and performance, Oracle recommends that you install data files and the Oracle database software on different disks.

Specify database file location:

Oracle Automatic Storage Management

Oracle Automatic Storage Management (Oracle ASM) simplifies database storage administration, and places database files for optimal I/O performance. Select this option if you intend to use Oracle ASM.

Oracle Database 19c Installer - Step 10 of 18@oracle1

Specify Management Options

19^c ORACLE Database

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 19c 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

- Configuration Option
- System Class
- Database Edition
- Installation Location
- Create Inventory
- Configuration Type
- Database Identifiers
- Configuration Options
- Database Storage
- Management Options**
- Recovery Options
- Schema Passwords
- Operating System Groups
- Root script execution
- Prerequisite Checks
- Summary
- Install Product
- Finish

Help < Back Next > Install Cancel

Oracle Database 19c Installer - Step 11 of 18@oracle1

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:

Oracle Automatic Storage Management

- Configuration Option
- System Class
- Database Edition
- Installation Location
- Create Inventory
- Configuration Type
- Database Identifiers
- Configuration Options
- Database Storage
- Management Options
- Recovery Options**
- Schema Passwords
- Operating System Groups
- Root script execution
- Prerequisite Checks
- Summary
- Install Product
- Finish

Oracle Database 19c Installer - Step 12 of 18@oracle1

Specify Schema Passwords

19^c ORACLE Database

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		
PDBADMIN		

Use the same password for all accounts

Password? Confirm password:

Oracle Database 19c Installer - Step 13 of 18@oracle1

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 <u>A</u> ddministrator (OSDBA) group:	dba
Database <u>O</u> perator (OSOPER) group (Optional):	oper
Database <u>B</u> ackup and Recovery (OSBACKUPDBA) group:	backupdba
Data <u>G</u> uard administrative (OSDGDBA) group:	dgdba
Encryption <u>K</u> ey Management administrative (OSKMDBA) group:	kmdba
Real Application Cluster administrative (OSRACDBA) group:	racdba

Operating System Groups

- Configuration Option
- System Class
- Database Edition
- Installation Location
- Create Inventory
- Configuration Type
- Database Identifiers
- Configuration Options
- Database Storage
- Management Options
- Recovery Options
- Schema Passwords
- Operating System Groups**
- Root script execution
- Prerequisite Checks
- Summary
- Install Product
- Finish

Help < Back Next > Install Cancel

Oracle Database 19c Installer - Step 14 of 18@oracle1

Root script execution configuration

19^c ORACLE[®] Database

During the software configuration, certain operations have to be performed as "root" user. You can choose to have the installer perform these operations automatically by specifying inputs for one of the options below. The input specified will also be used by the installer to perform additional prerequisite checks.

Automatically run configuration scripts

Use "root" user credential

Password :

Use sudo

Program path :

User name :

Password :

Oracle Database 19c Installer - Step 15 of 18@oracle1

Perform Prerequisite Checks



Verifying that the target environment meets minimum installation and configuration requirements for products you have selected. This can take time. Please wait.

82%

Checking Package: make-4.3 ...

- Configuration Option
- System Class
- Database Edition
- Installation Location
- Create Inventory
- Configuration Type
- Database Identifiers
- Configuration Options
- Database Storage
- Management Options
- Recovery Options
- Schema Passwords
- Operating System Groups
- Root script execution
- Prerequisite Checks**
- Summary
- Install Product
- Finish

Help < Back Next > Install Cancel

Oracle Database 19c Installer - Step 15 of 18@oracle1

Perform Prerequisite Checks

19^c ORACLE Database

Configuration Option
System Class
Database Edition
Installation Location
Create Inventory
Configuration Type
Database Identifiers
Configuration Options
Database Storage
Management Options
Recovery Options
Schema Passwords
Operating System Groups
Root script execution
Prerequisite Checks
Summary
Install Product
Finish

Verification Result

Some of the minimum requirements for installation are not completed. Review and fix the issues listed in the following table, and recheck the system.

Check Again Fix & Check Again Show Failed Ignore All

Checks	Status	Fixable
Checks		
Swap Size	Ignored	No

This is a prerequisite condition to test whether sufficient total swap space is available on the system. [\(more details\)](#)
Expected Value : 15.3634GB (1.6109684E7KB)
Actual Value : 7.9961GB (8384508.0KB)

Help < Back Next > Install Cancel

Oracle Database 19c Installer - Step 16 of 18@oracle1

Summary

19^c ORACLE Database

- Configuration Option
- System Class
- Database Edition
- Installation Location
- Create Inventory
- Configuration Type
- Database Identifiers
- Configuration Options
- Database Storage
- Management Options
- Recovery Options
- Schema Passwords
- Operating System Groups
- Root script execution
- Prerequisite Checks
- Summary**
- Install Product
- Finish

Oracle Database 19c Installer

- Global settings**
 - Install method: Advanced installation
 - Database edition: Standard Edition 2 (Create and configure a database) [Edit]
 - Oracle base: /app/oracle [Edit]
 - Software location: /app/oracle/product/19c/dbhome_1
 - Privileged Operating System groups: dba (OSDBA), oper (OSOPER), backupdba (OSBA)
 - Root script execution configuration: Root user credential [Edit]
- Inventory information**
 - Inventory location: /app/oralInventory [Edit]
 - orainventory group: oinstall [Edit]
- Database information**
 - Configuration: General Purpose / Transaction Processing [Edit]
 - Global database name: orcl [Edit]
 - Oracle system identifier (SID): ORCLCDB [Edit]
 - Pluggable database name: orclpdb [Edit]
 - Allocated memory: 6293 MB [Edit]
 - Automatic memory management option: FALSE [Edit]
 - Database character set : AL32UTF8 (Unicode UTF-8 Universal character set) [Edit]
 - Management method: Database express [Edit]
 - Database storage mechanism: File system [Edit]
 - Database file location: /app/oracle/oradata [Edit]

Save Response File...

Help < Back Next > Install Cancel

Install Product

19^c ORACLE[®] Database

Progress

0%

Loading products list. Please wait.

Status

Configure Local Node	Pending
• Prepare	Pending
• Link binaries	Pending
• Setup	Pending
Setup Oracle Base	Pending
Execute Root Scripts	Pending
Oracle Database configuration	Pending

Details Revert All Revert Retry Skip

19^c ORACLE[®] Database

Help < Back Next > Install Cancel

The screenshot shows the Oracle Database 19c Installer window at Step 17 of 18. The main window has a sidebar with a progress tree where 'Install Product' is selected. The main area shows a progress bar at 12% and a status list with several 'Succeeded' entries. A warning dialog box is overlaid on the installer, containing the following text:

Warning: Configuration scripts generated by the Installer need to be run as a privileged user (root). Installer will run these scripts using the privileged user credentials provided earlier.

Are you sure you want to continue ?

Buttons: Yes, No

At the bottom of the installer window, there are buttons for 'Details', 'Revert All', 'Revert', 'Retry', 'Skip', '< Back', 'Next >', 'Install', and 'Cancel'. A red banner at the bottom of the installer window displays the '19c ORACLE Database' logo.

Progress

74%

Creating and starting Oracle instance

Status

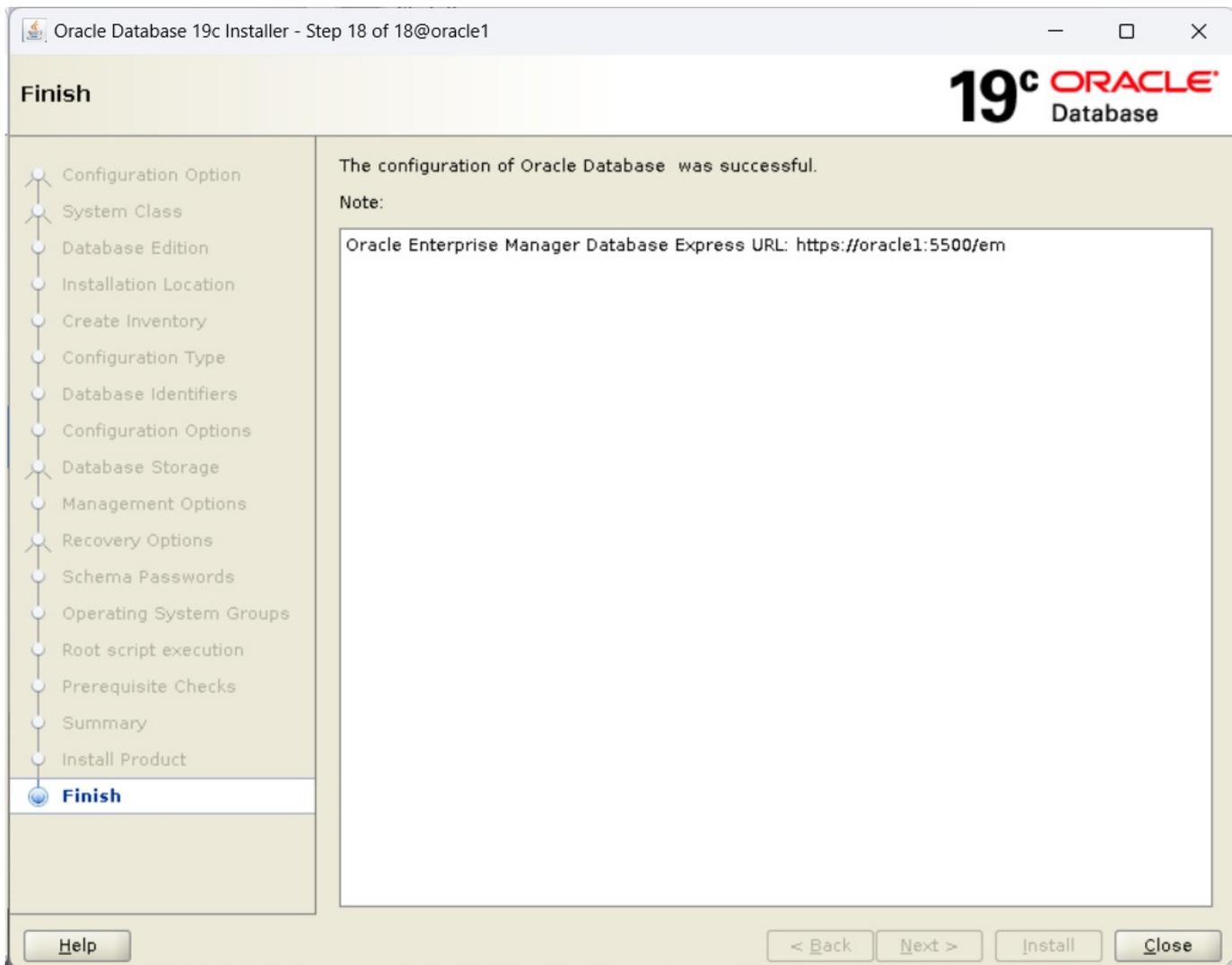
✓	Configure Local Node	Succeeded
✓	• Prepare	Succeeded
✓	• Link binaries	Succeeded
✓	• Setup	Succeeded
✓	Setup Oracle Base	Succeeded
✓	Execute Root Scripts	Succeeded
✓	• Running root scripts using specified configuration method	Succeeded
➔	Oracle Database configuration	In Progress
✓	• Oracle Net Configuration Assistant	Succeeded
➔	• Oracle Database Configuration Assistant	In Progress

Details Revert All Revert Retry Skip

19^c ORACLE[®] Database

Help < Back Next > Install Cancel

30 . 8core 16GB



```
[oracle@oracle1 ~]$ cd /app/oracle/product/19c/dbhome_1/
[oracle@oracle1 dbhome_1]$ ./runInstaller -applyRU ~/patch/37641958/
Preparing the home to patch...
Applying the patch /home/oracle/patch/37641958/...
Successfully applied the patch.
The log can be found at:
/tmp/InstallActions2025-07-11_09-40-51PM/installerPatchActions_2025-07-11_09-40-51PM.log
Launching Oracle Database Setup Wizard...

The response file for this session can be found at:
/app/oracle/product/19c/dbhome_1/install/response/db_2025-07-11_09-40-51PM.r
sp

You can find the log of this install session at:
/tmp/InstallActions2025-07-11_09-40-51PM/installActions2025-07-11_09-40-51PM
.log
Moved the install session logs to:
/app/oraInventory/logs/InstallActions2025-07-11_09-40-51PM
[oracle@oracle1 dbhome_1]$
```

가

```
[oracle@oracle1 dbhome_1]$ cd
[oracle@oracle1 ~]$ sqlplus / as sysdba

SQL*Plus: Release 19.0.0.0.0 - Production on Fri Jul 11 22:35:08 2025
Version 19.27.0.0.0

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Connected to:
Oracle Database 19c Standard Edition 2 Release 19.0.0.0.0 - Production
Version 19.27.0.0.0

SQL> SELECT banner_full FROM v$version;

BANNER_FULL
-----
-----
Oracle Database 19c Standard Edition 2 Release 19.0.0.0.0 - Production
Version 19.27.0.0.0

SQL>
```

- <https://oraclebank.tistory.com/65>
- <https://learnomate.org/oracle-rac-19c-19-27-patch-opatch-data-guard/>

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Last update: 2025/11/19 00:48

