

Oracle® Hospitality OPERA Property Management 19C RDBMS Utility Install Guide



Release 5.6.26 and Higher
F33909-01
April 2024

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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F33909-01

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Preface

This document explains how to install Oracle RDBMS 19.22.0.0.0 and Extract an OPERA database with no data.

Audience

This document is intended for system administrators, support personnel, and users wanting to install a new 19c database (19.22.0.0.0).

Customer Support

To contact Oracle Customer Support, access Customer Support Portal at the following URL:

<https://iccp.custhelp.com>

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received and any associated log files
- Screenshots of each step you take

Documentation

Oracle Hospitality product documentation is available on the Oracle Help Center at <http://docs.oracle.com/en/industries/hospitality/>

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Table 1 Revision History

Date	Description
July 2020	<ul style="list-style-type: none">• Initial Publication
April 2024	<ul style="list-style-type: none">• Update for 19.22.0.0 and Opera 5.6.26.0 and support of Windows Server 2022.

1

New 19C (19.22.0.0.0) Database Installation via the Command Line

Use this utility to install Oracle RDBMS 19.22.0.0.0. This utility will only install Oracle RDBMS 19.22.0.0.0 and Opera 5.6.26.0 schemas with no configured property/chain data. Oracle RDBMS 19.22.0.0.0 is supported on Windows Server 2022, 2019, 2016 and 2012r2 servers.

Running the 19C Database Utility

WARNING: OS Compatibility

Oracle RDBMS 19.22.0.0.0 is compatible with Windows Server 2022, 2019, 2016 and 2012 R2 servers.

Oracle RDBMS 19.22.0.0.0 is not compatible with 2008 servers.

NOTE: RDBMS CPU patches

2024 January RDBMS CPU patchsets are included with latest media release.

1. In the DB utility folder, select `Create_DB_Server_version_19.0.0.0.cmd`, then right click and select Run as administrator.
2. When prompted, press any key to continue.

Configuration File CMD Prompt

```

Administrator: C:\Windows\System32\cmd.exe
=====
Start Database Server 19.22.0.0 Installation
=====

Caption=Microsoft Windows Server 2022 Standard

Checking if OS Version is Microsoft Windows Server 2012
Checking if OS Version is Microsoft Windows Server 2016
Checking if OS Version is Microsoft Windows Server 2019
Checking if OS Version is Microsoft Windows Server 2022
OS Version is supported. Will proceed with the DB install
Start Database Server 19.22.0.0 Installation
D:\install\DBMedia_5626>echo OFF
Tue 04/16/2024
04:30 PM
Create_DB_Server.cmd:start

Configuration file will be opened in Notepad
Update and review accordingly
Afterwards, close the Notepad, and installation will continue automatically

Press any key to continue . . .
-
    
```

3. The config file opens and the following parameters must be entered and saved before continuing DB install.

Table 1-1 – Example Table

Parameters	Description
INSTALL_ON_DRIVE_LETTER	Specify Drive letter where Oracle Home can be installed
PLACE_ON_DRIVE_LETTER_REDO_LOG_B_CONTROL_FILE_1	Specify Drive letter to place <ul style="list-style-type: none"> • Redo Log B • Control File 1
PLACE_ON_DRIVE_LETTER_REDO_LOG_A_CONTROL_FILE_2	Specify Drive letter to place following data files <ul style="list-style-type: none"> • Redo Log A • Control File 2
PLACE_ON_DRIVE_LETTER_DATA_FILES_SYS_TOOLS_UNDO_TEMPSEG	Specify Drive letter to place following data files <ul style="list-style-type: none"> • System • Tools • Undo • Temp Seg

PLACE_ON_DRIVE_LETTER_DATA_ FILES_NAME_DATA_OXI_DATA_ QUICK_DATA_RATE_DATA_RESV_DATA	Specify Drive letter to place following data files <ul style="list-style-type: none"> • Name Data • OXI Data • Quick Data ➤ Quick Data • Reservation Data
PLACE_ON_DRIVE_LETTER_DATA_ FILES_FIN_DATA_LOG_DATA_OPERA_DATA	Specify Drive letter to place following data files <ul style="list-style-type: none"> • Financial Data • Log Data • OPERA Data
PLACE_ON_DRIVE_LETTER_DATA_ FILES_FIN_INDX_LOG_INDX_OPERA_INDX	Specify Drive letter to place following data files <ul style="list-style-type: none"> • Financial Index • Log Index • OPERA Index
PLACE_ON_DRIVE_LETTER_DATA_ FILES_NAME_INDX_OXI_INDX_QUICK_ INDX_RATE_INDX_RESV_INDX	Specify Drive letter to place following data files <ul style="list-style-type: none"> • Name Index • OXI Index • Quick Index • Rate Index • Reservation Index

Figure 2 Config File Open

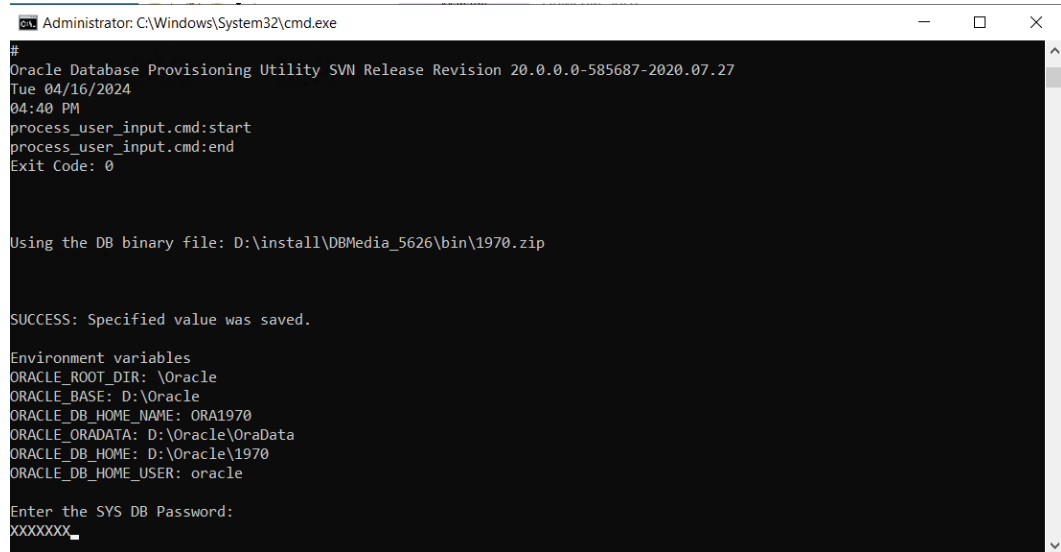
```

Administrator: C:\Windows\System32\cmd.exe
config - Notepad
Caption=Microsoft Windows Server
File Edit Format View Help
#
# Use # to comment out a line
#
Checking if OS Version is Micros
Checking if OS Version is Micros # Drive letter where to execute the installations for Oracle Home
OS Version is supported. Will pr # Example: D
Start Database Server Installati INSTALL_ON_DRIVE_LETTER=C
C:\DB.20000-19.7.0.0-585453>ech
Fri 07/17/2020 # Drive letter where to place the
09:00 AM #
Create_DB_Server.cmd:start # - Redo Log B
# - Control File 1
#
Configuration file will be opene # Example: D
Update and review accordingly #
Afterwards, close the Notepad, a PLACE_ON_DRIVE_LETTER_REDO_LOG_B_CONTROL_FILE_1=C
Press any key to continue . . . <

```

4. Enter the new SYS password for the Database when prompted and press the Enter key

Figure 3 SYS DB Password Prompt



```
Administrator: C:\Windows\System32\cmd.exe
#
Oracle Database Provisioning Utility SVN Release Revision 20.0.0.0-585687-2020.07.27
Tue 04/16/2024
04:40 PM
process_user_input.cmd:start
process_user_input.cmd:end
Exit Code: 0

Using the DB binary file: D:\install\DBMedia_5626\bin\1970.zip

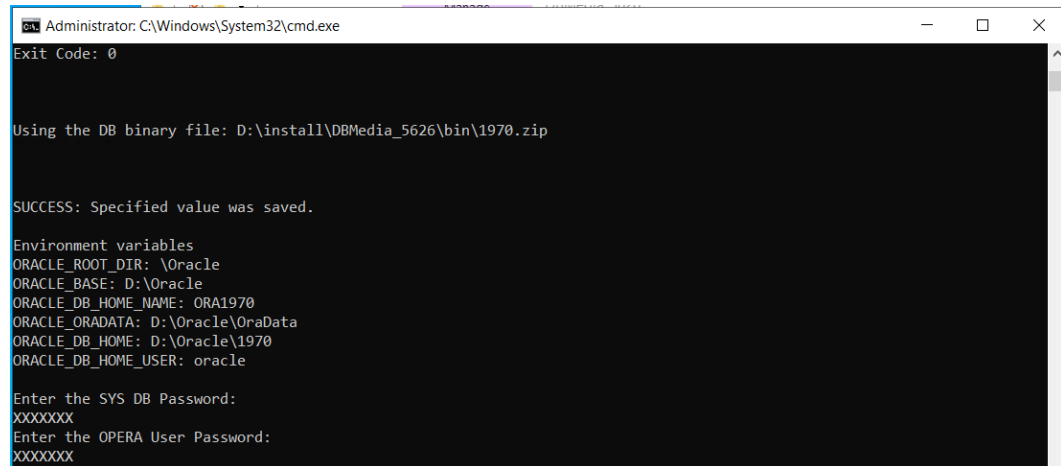
SUCCESS: Specified value was saved.

Environment variables
ORACLE_ROOT_DIR: \Oracle
ORACLE_BASE: D:\Oracle
ORACLE_DB_HOME_NAME: ORA1970
ORACLE_ORADATA: D:\Oracle\OraData
ORACLE_DB_HOME: D:\Oracle\1970
ORACLE_DB_HOME_USER: oracle

Enter the SYS DB Password:
XXXXXXXX_
```

5. Enter OPERA user password when prompted.

Figure 4 OPERA User Password Prompt



```
Administrator: C:\Windows\System32\cmd.exe
Exit Code: 0

Using the DB binary file: D:\install\DBMedia_5626\bin\1970.zip

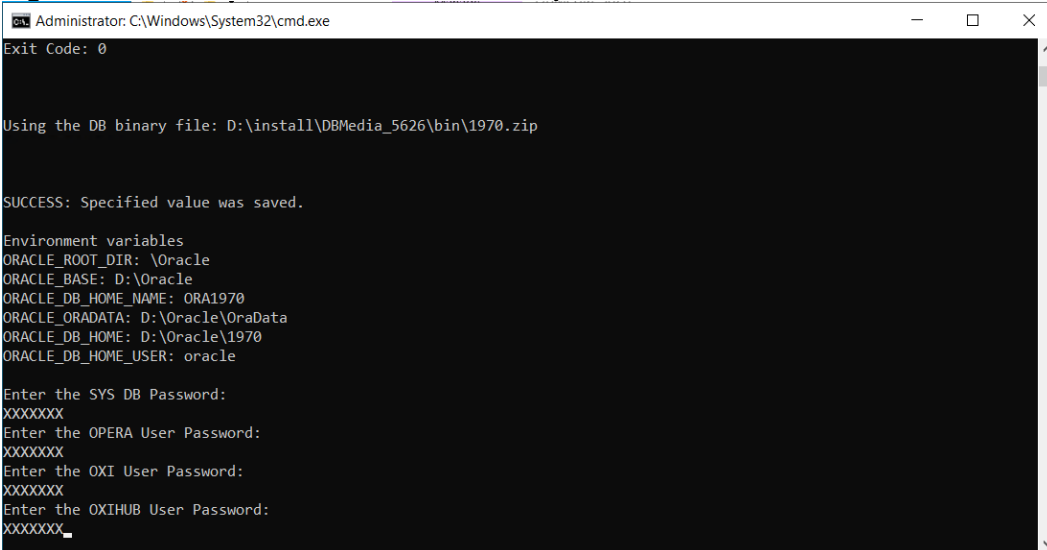
SUCCESS: Specified value was saved.

Environment variables
ORACLE_ROOT_DIR: \Oracle
ORACLE_BASE: D:\Oracle
ORACLE_DB_HOME_NAME: ORA1970
ORACLE_ORADATA: D:\Oracle\OraData
ORACLE_DB_HOME: D:\Oracle\1970
ORACLE_DB_HOME_USER: oracle

Enter the SYS DB Password:
XXXXXXXX
Enter the OPERA User Password:
XXXXXXXX
```

6. Enter OXI and OXIHUB user password when prompted.

Figure 5 OXI OXIHUB User Password Prompt



```
Administrator: C:\Windows\System32\cmd.exe
Exit Code: 0

Using the DB binary file: D:\install\DRMedia_5626\bin\1970.zip

SUCCESS: Specified value was saved.

Environment variables
ORACLE_ROOT_DIR: \Oracle
ORACLE_BASE: D:\Oracle
ORACLE_DB_HOME_NAME: ORA1970
ORACLE_ORADATA: D:\Oracle\OraData
ORACLE_DB_HOME: D:\Oracle\1970
ORACLE_DB_HOME_USER: oracle

Enter the SYS DB Password:
XXXXXX
Enter the OPERA User Password:
XXXXXX
Enter the OXI User Password:
XXXXXX
Enter the OXIHUB User Password:
XXXXXX_
```

7. Wait for the utility to install the 19c database.

```

Administrator: C:\Windows\S... Inflating by 7-zip
C:\DB.200000-19.7.0.0-585...
Thu 07/16/2020 10:01 PM
Create_DB_Server.cmd:star...
7-Zip (a) 19.00 (x86) : Copyright (c) 1999-2018 Igor Pavlov : 2019-02-21
Scanning the drive for archives:
1 file, 4146027660 bytes (3954 MiB)

Extracting archive: C:\DB.200000-19.7.0.0-585453\bin\1930.zip
Configuration file will b--
Update and review accordiPath = C:\DB.200000-19.7.0.0-585453\bin\1930.zip
Afterwards, close the NotType = zip
Physical Size = 4146027660
81% 27575_
Press any key to continue

Contents of config.txt
#
# Use # to comment out a
#
# Drive letter where to e
#
# Example: D
#
INSTALL_ON_DRIVE_LETTER=C
# Drive letter where to p
#

Administrator: C:\Windows\System32\cmd.exe
yToken="89B483F429C47342" culture="neutral" /><codeBase version="4.122.19.1" href="C:/Oracle/1930/ODE.NET/bin/4/Oracle.D
atabase.Extensions.dll" /><publisherPolicy apply="no" /><bindingRedirect oldVersion="4.121.0.0-4.121.9999.9999" newVersi
on="4.122.19.1" /></dependentAssembly>

INFO: The following section has been a
dded to extproc.exe.config .
<dependentAssembly xmlns="urn:schemas-microsoft-com:asm.v1"><assemblyIdentity name="Oracle.Database.Extensions" publicKe
yToken="89B483F429C47342" culture="neutral" /><codeBase version="4.122.19.1" href="C:/Oracle/1930/ODE.NET/bin/4/Oracle.D
atabase.Extensions.dll" /><publisherPolicy apply="no" /><bindingRedirect oldVersion="4.121.0.0-4.121.9999.9999" newVersi
on="4.122.19.1" /></dependentAssembly>

INFO: The following section has been added to extproc.exe.config .
<dependent
Assembly xmlns="urn:schemas-microsoft-com:asm.v1"><assemblyIdentity name="Oracle.Database.Extensions" publicKeyToken="89
B483F429C47342" culture="neutral" /><codeBase version="4.122.19.1" href="C:/Oracle/1930/ODE.NET/bin/4/Oracle.Database.Ex
tensions.dll" /><publisherPolicy apply="no" /><bindingRedirect oldVersion="4.122.0.0-4.122.19.1" newVersion="4.122.19.1"
/></dependentAssembly>

Successfully Setup Software.

Original exit code after calling C:\Oracle\1930\setup.exe: 0

3 File(s) copied

```

```
Administrator: C:\Windows\System32\cmd.exe
Version 19.7.0.0.0
Copyright (c) 1982, 2020, Oracle. All rights reserved.
Connected to an idle instance.

ORA-25138: UTL_FILE_DIR initialization parameter has been made obsolete
ORACLE instance started.

Total System Global Area 5167381760 bytes
Fixed Size          9039104 bytes
Variable Size       1644167168 bytes
Database Buffers    3506438144 bytes
Redo Buffers        7737344 bytes

System altered.

Control file created.

Database altered.

Tablespace altered.

Tablespace altered.
```

8. After execution is completed successfully, the message below will be displayed. Press Any Key to close the window and complete the installation

```
Administrator: C:\Windows\System32\cmd.exe
Session altered.

SQL> Disconnected from Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production
Version 19.22.0.0.0

Oracle Database Server Home D:\Oracle\1970 Version 19.22.0.0 was installed and started SUCCESSFULLY

Create_DB_Server.cmd:end
Exit Code: 0
05:16 PM

Hit Ctrl-BREAK or Ctrl-C now

Later, answer N, for the question Terminate batch job (Y/N)
```