
Oracle Enterprise Manager Cloud Control 13c Release 4 Installation and Patch Note

Overview

This note outlines the procedure used to install and configure Oracle Enterprise Manager Cloud Control 13c Release 4 on a Windows Server 2016 platform

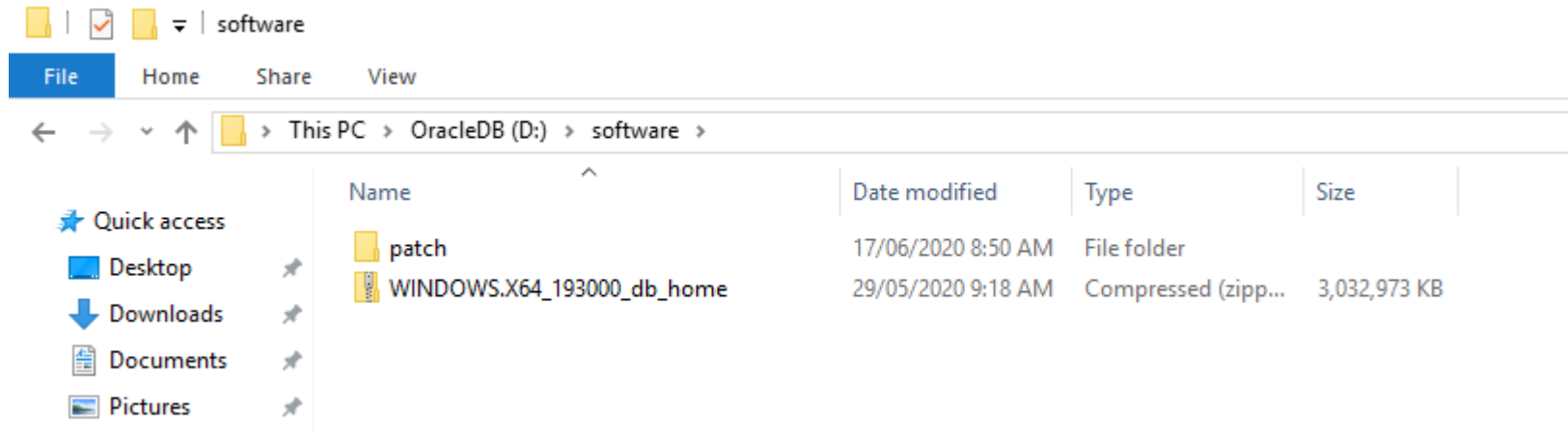
The following is a high level of the steps performed and covered in this note:

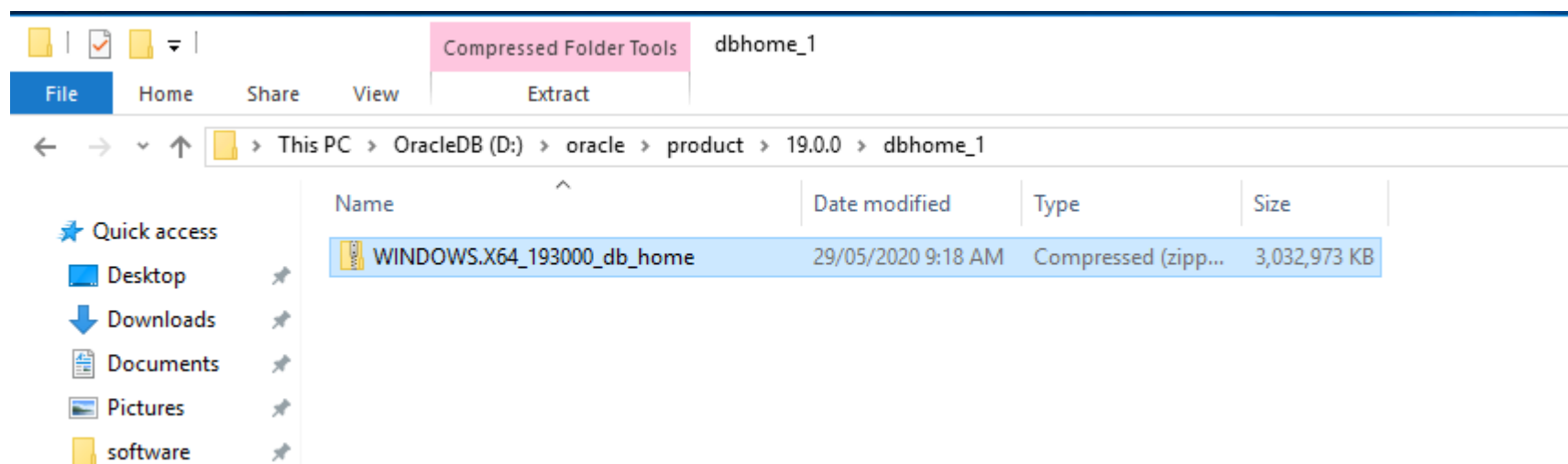
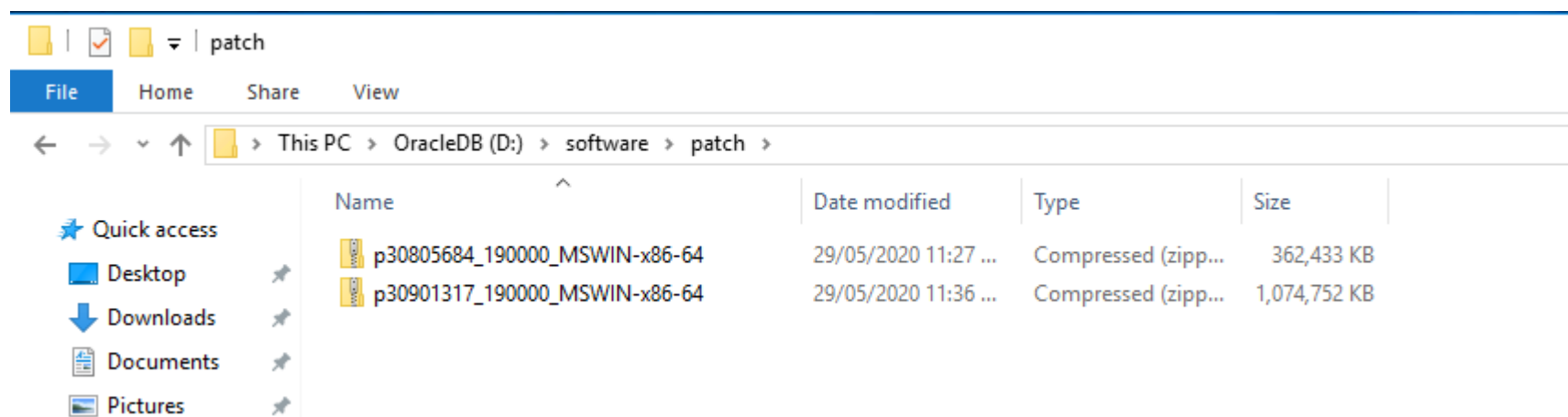
- Installation of Oracle 19c database software
- Apply April 2020 PSU patch to database software Oracle home
- Create the OEM repository database
- Installation of OEM 13.4
- Apply June 2020 OEM system, plugin and agent patches
- Deployment of the OEM 13.4 agents

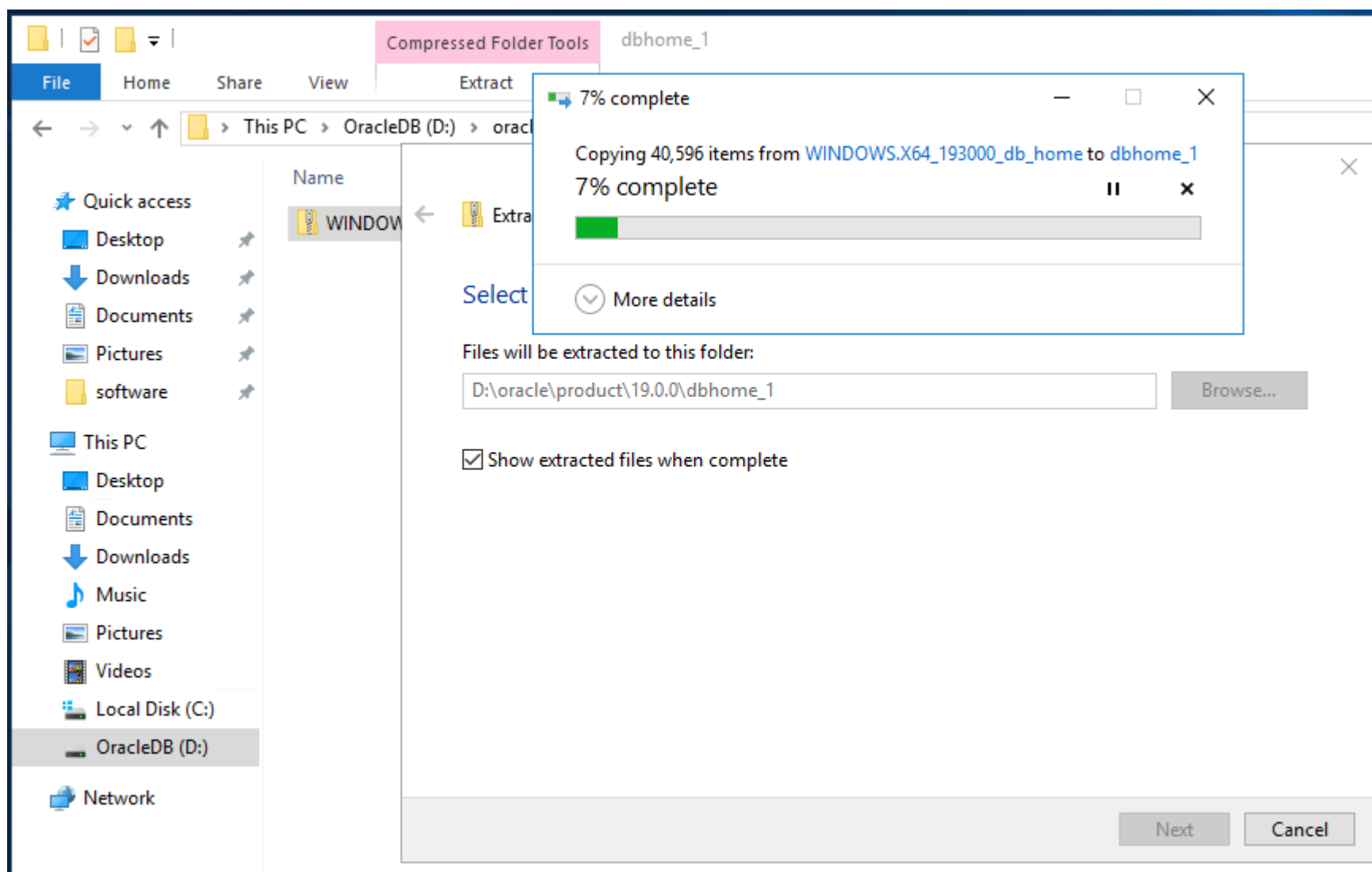
Install Oracle 19c Database Software

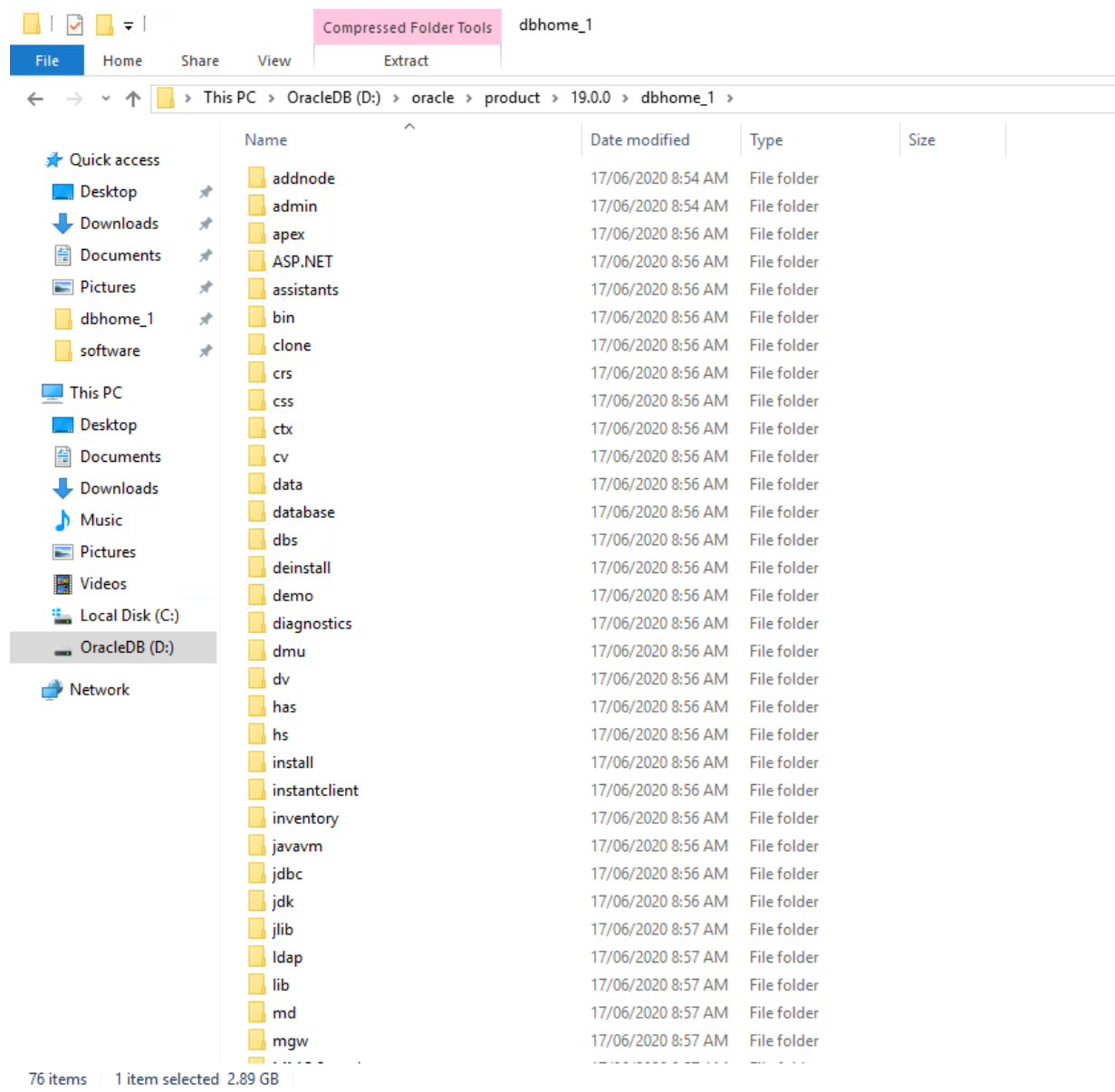
Notes:

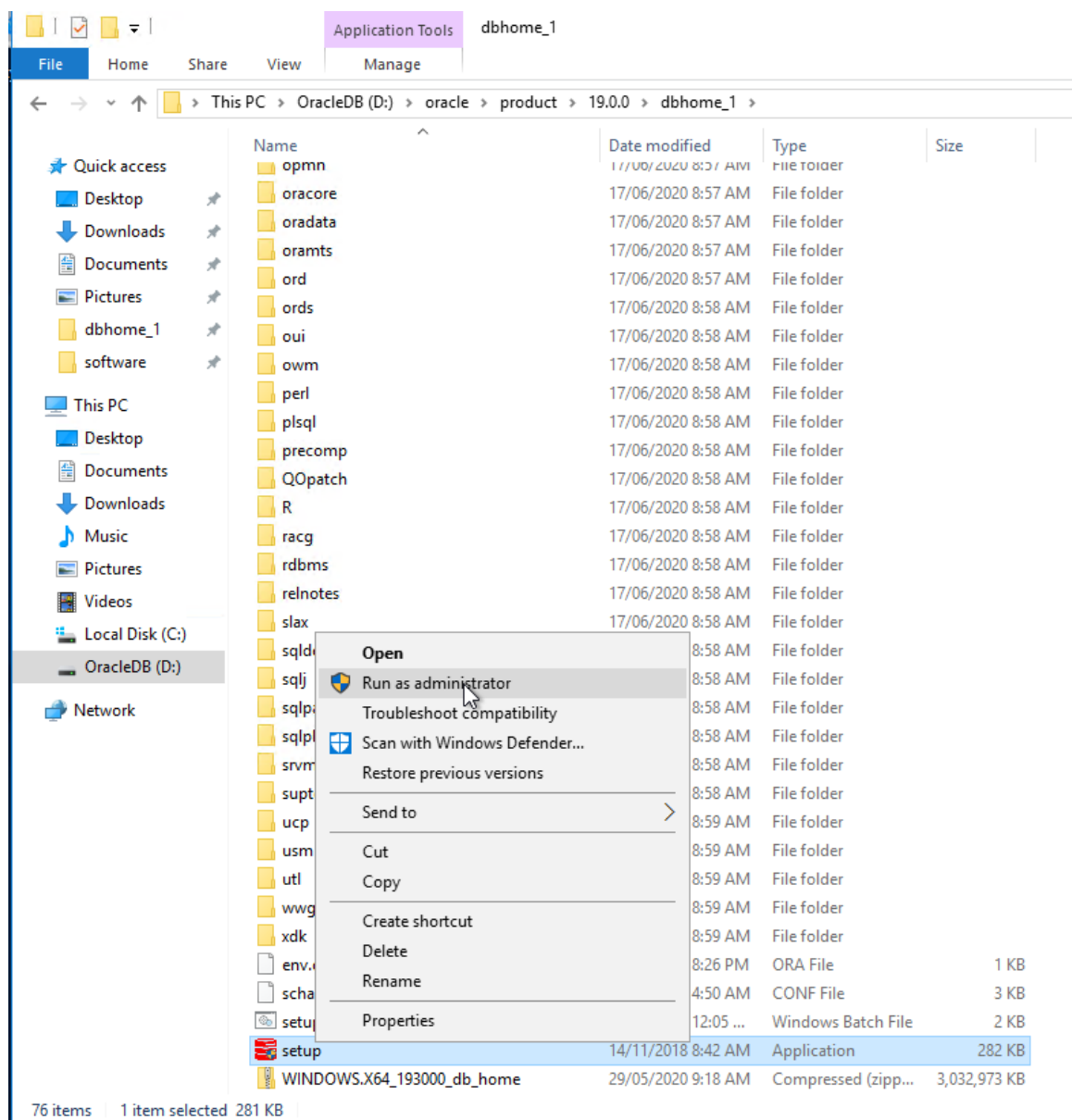
- Download WINDOWS.X64_193000_db_home.zip
- Created directory structure for Oracle 19c database software home - d:\oracle\product\19.0.0\dbhome_1
- Unzip WINDOWS.X64_193000_db_home.zip under d:\oracle\product\19.0.0\dbhome_1
- Execute **setup.exe** as administrator
- Select the option **Set Up Software Only**

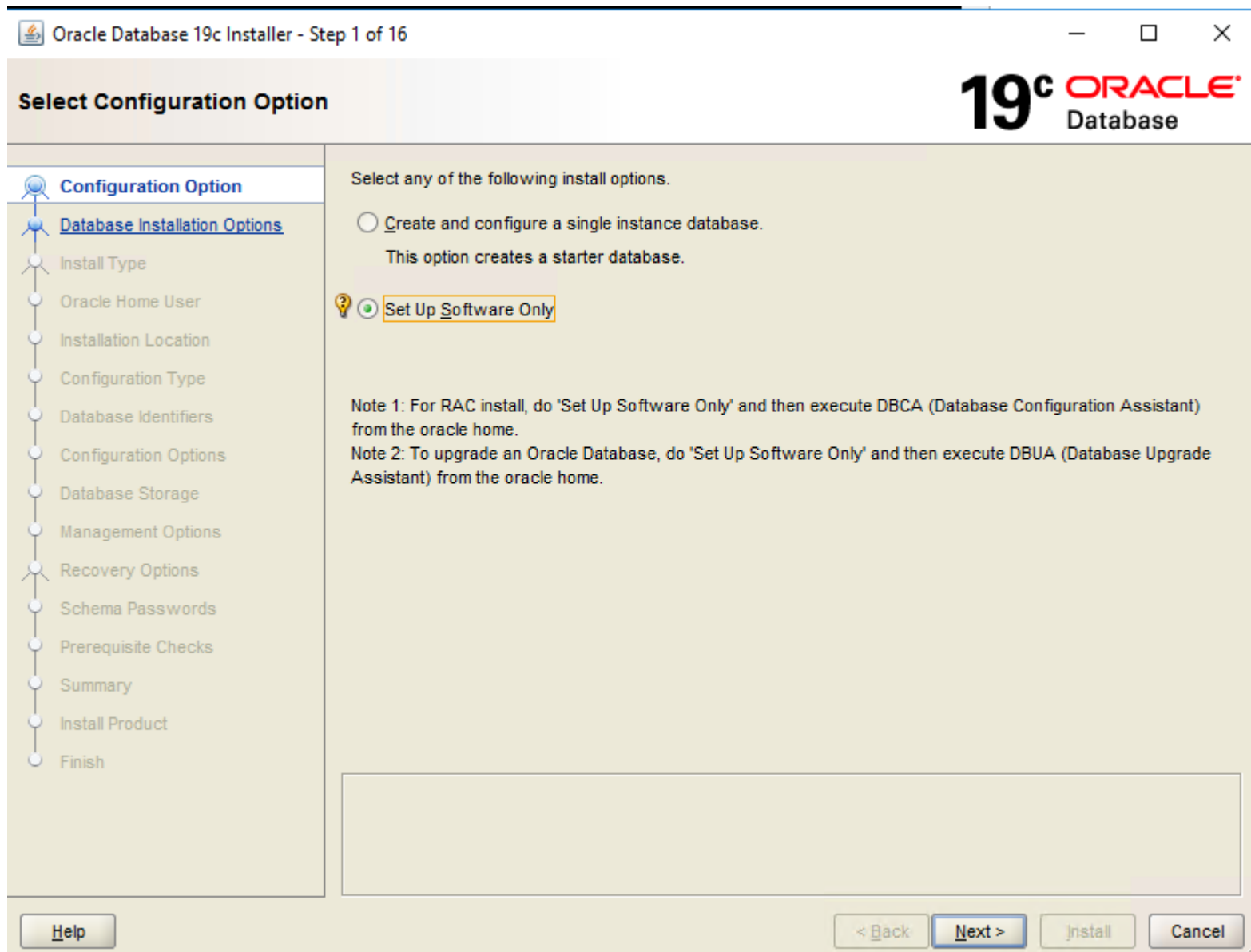


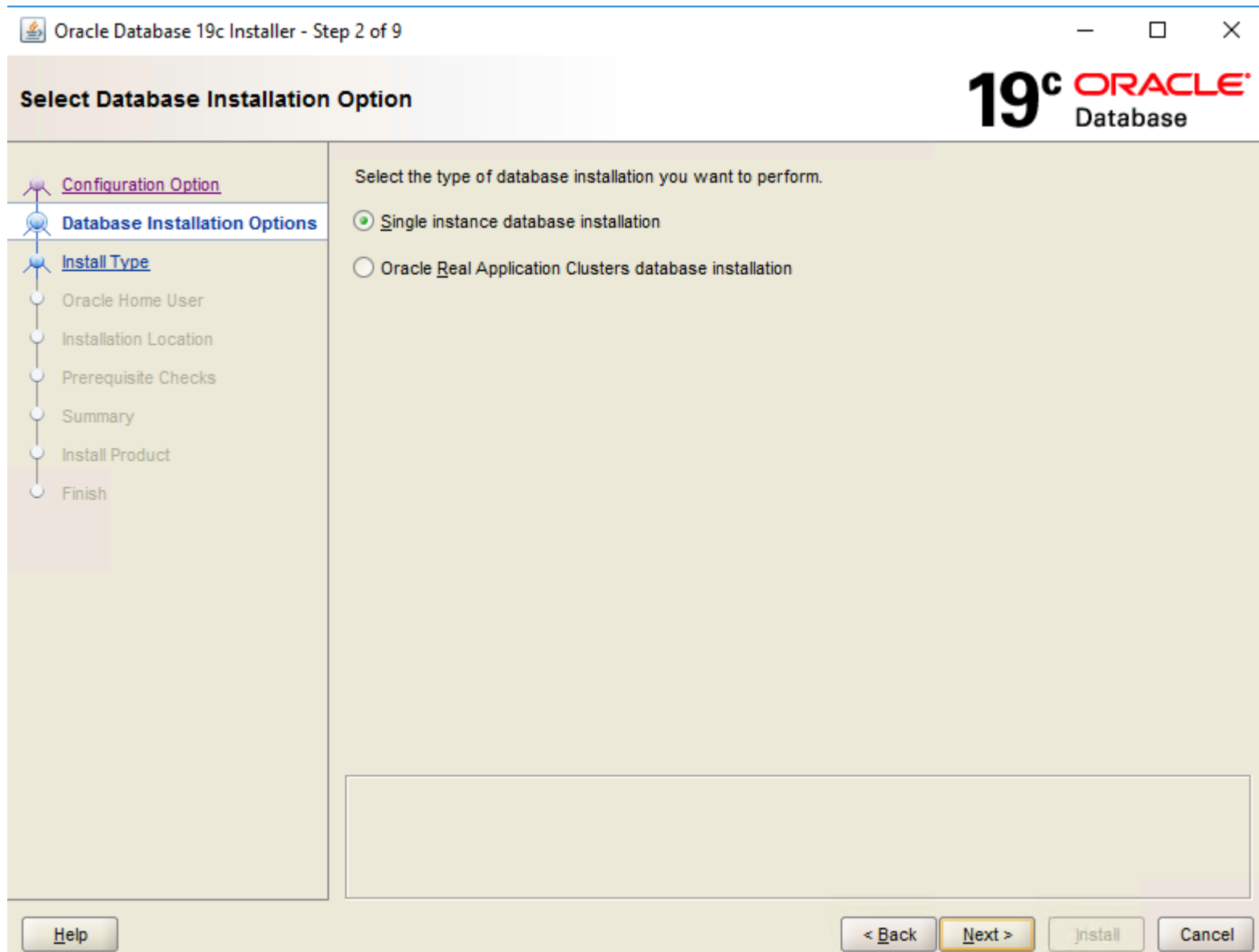


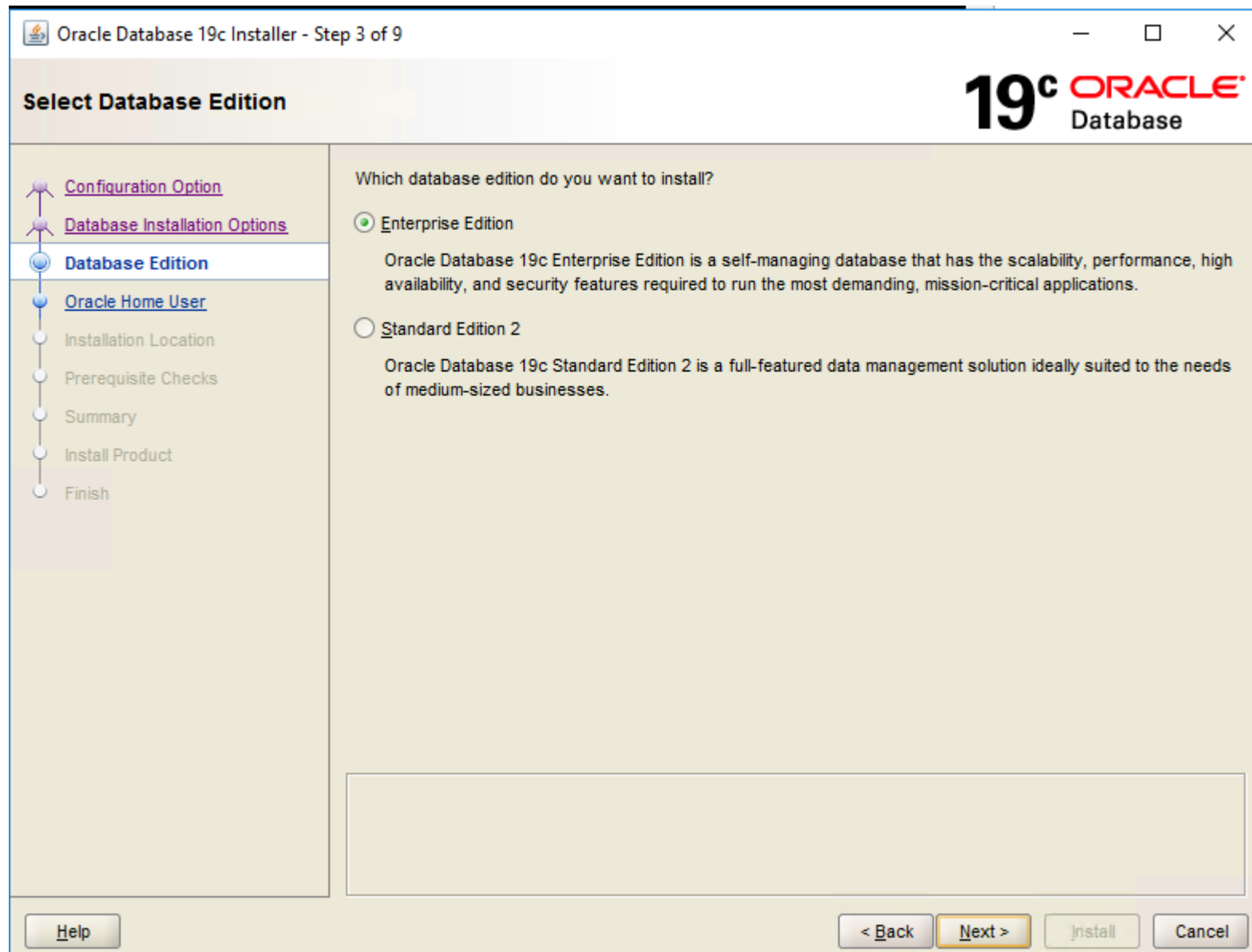












Oracle Database 19c Installer - Step 4 of 9

Specify Oracle Home User

19^c ORACLE[®] Database

[Configuration Option](#)
[Database Installation Options](#)
[Database Edition](#)
Oracle Home User
[Installation Location](#)
Prerequisite Checks
Summary
Install Product
Finish

For enhanced security, you may choose to run Windows Services from this Oracle home with a non-administrator account. Oracle recommends that you choose a Virtual Account or specify a standard Windows User Account for this purpose.

☐ Use Virtual Account

☐ Use Existing Windows User

User Name:

Password:


☐ Create New Windows User

User Name:

Password:

Confirm Password:

The newly created user is denied Windows logon privileges.

 ☒ **Use Windows Built-in Account**

[Help](#) [< Back](#) [Next >](#) [Install](#) [Cancel](#)

Specify Installation Location

19^c ORACLE[®]
Database

- [Configuration Option](#)
- [Database Installation Options](#)
- [Database Edition](#)
- [Oracle Home User](#)
- [Installation Location](#)**
- [Prerequisite Checks](#)
- [Summary](#)
- [Install Product](#)
- [Finish](#)

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.

Oracle base 

This software directory is the Oracle Database home directory.

Software location: D:\oracle\product\19.0.0\dbhome_1

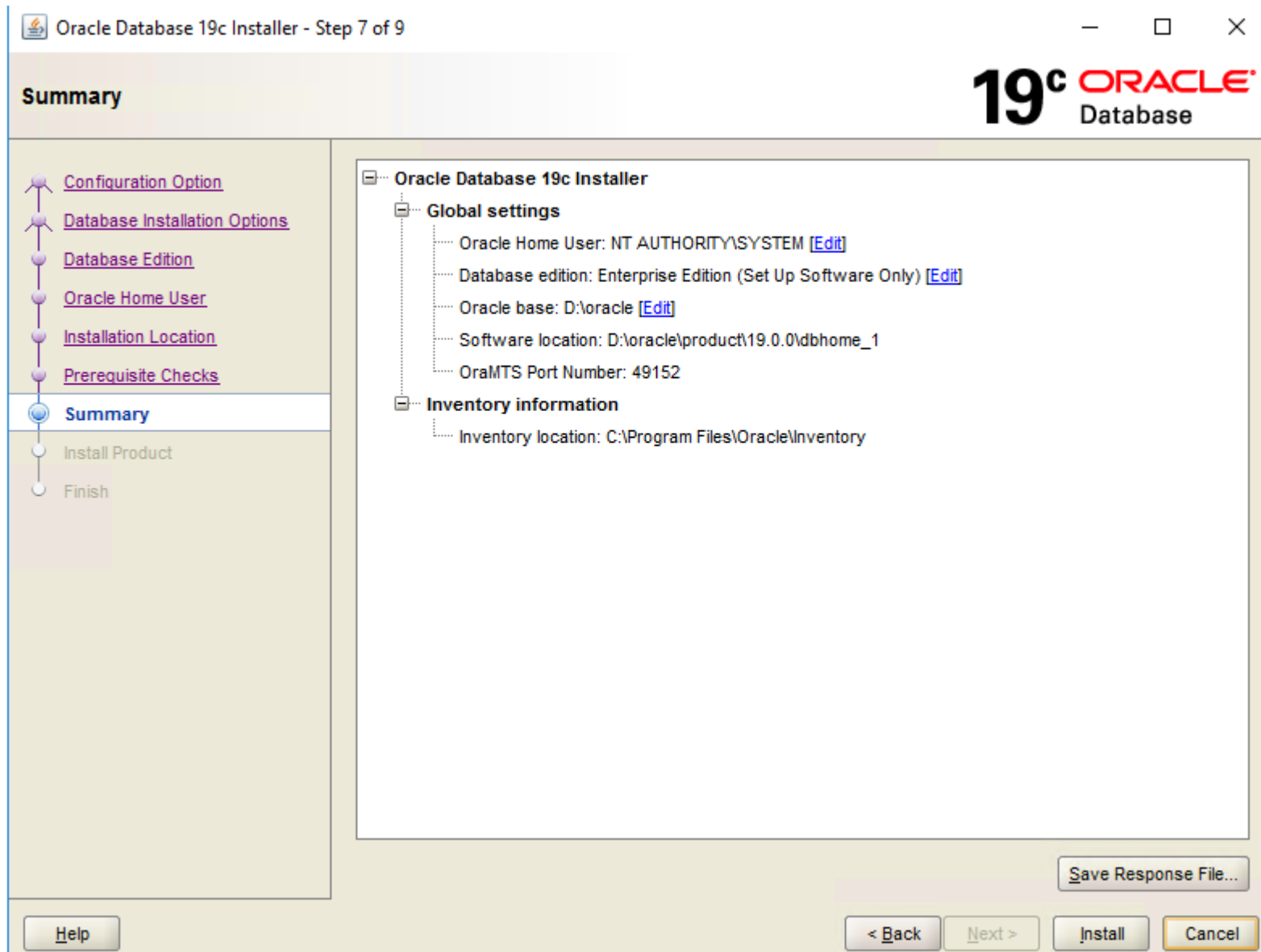
[Help](#)

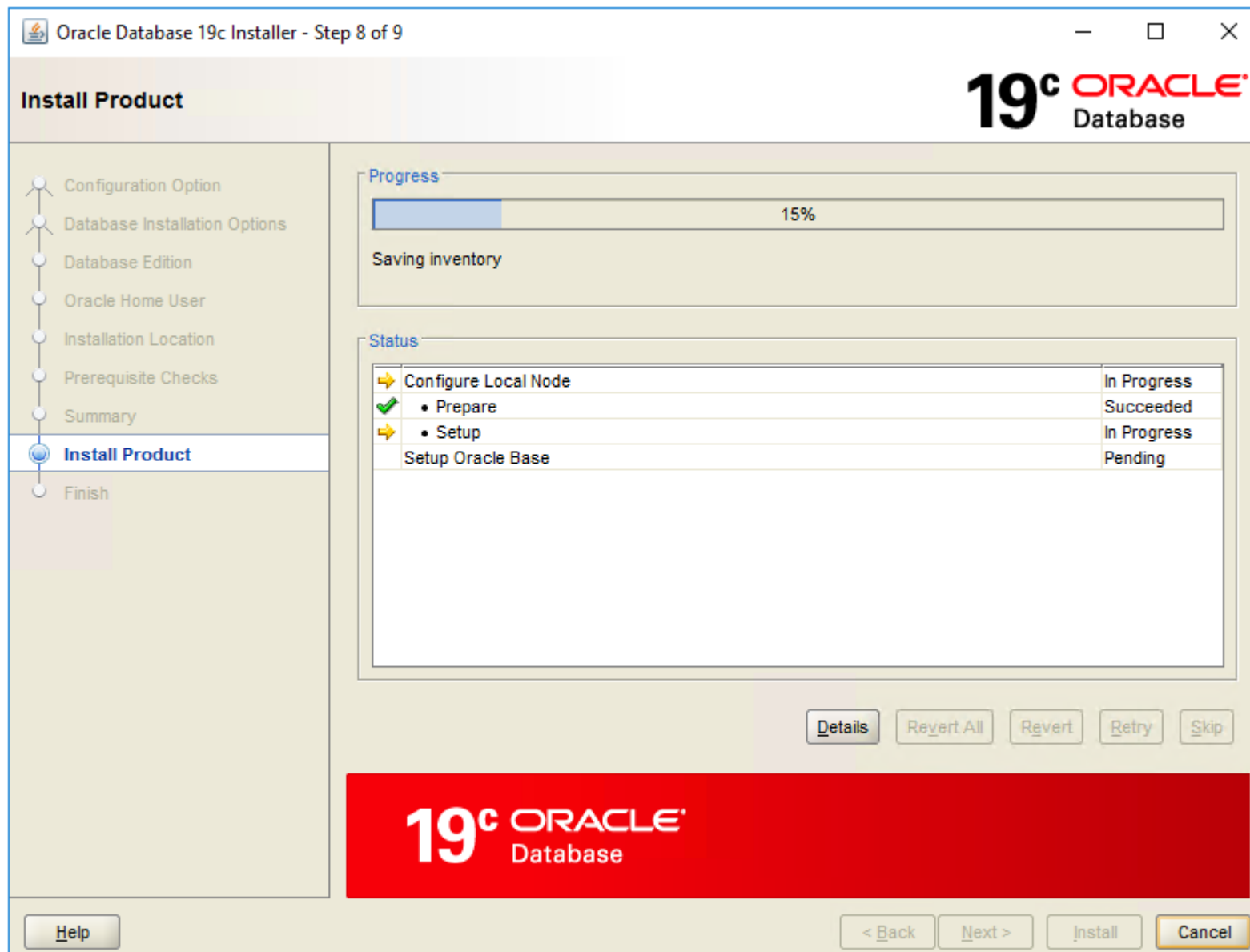
< Back

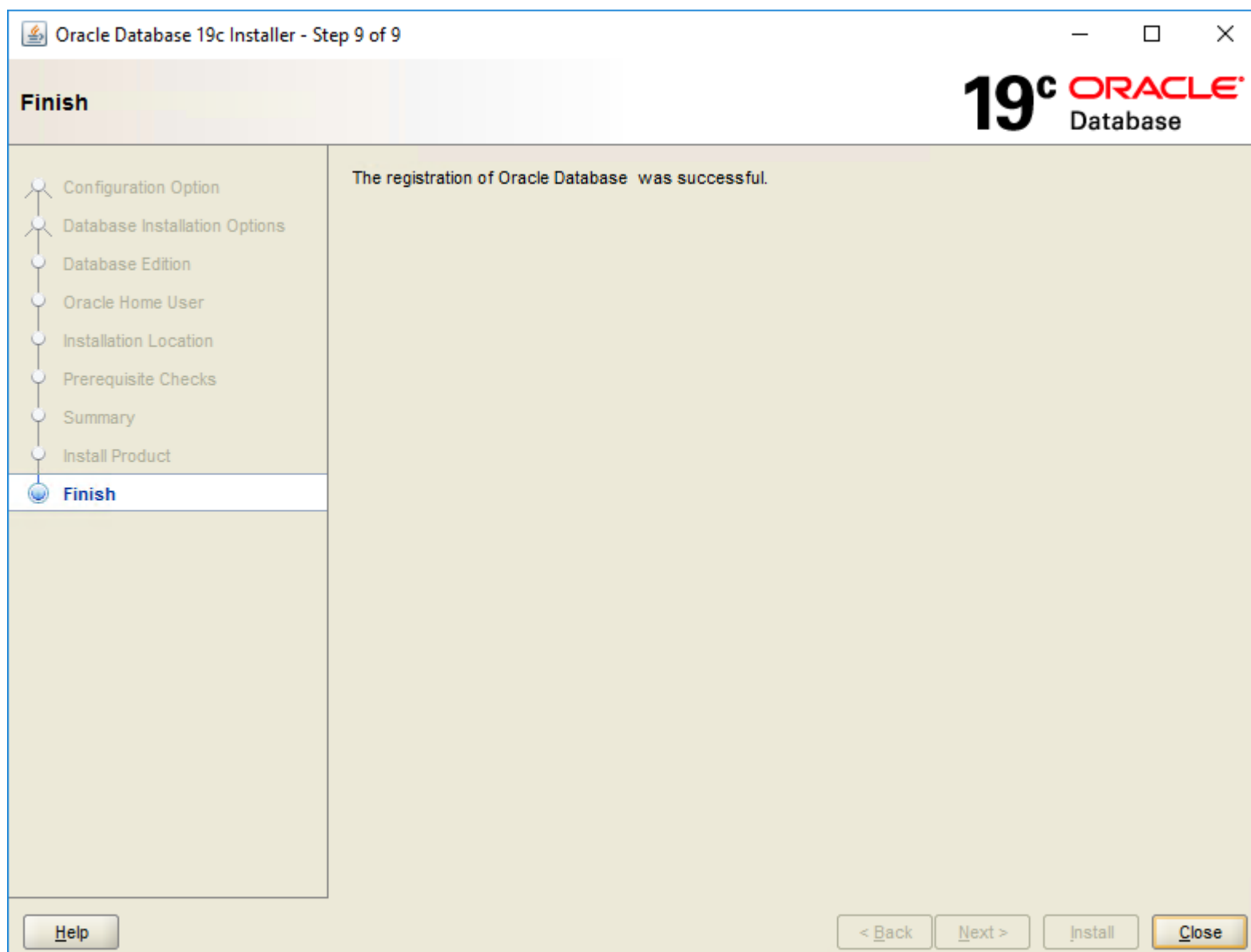
Next >

Install

Cancel







Apply April 2020 PSU Patch

Notes:

- Download patches **30901317** and **30805684**
- Apply Microsoft Windows Bundle Patch and OJVM patch using **opatch apply**

```
C:\Windows\system32>set ORACLE_HOME=D:\oracle\product\19.0.0\dbhome_1
```

```
C:\Windows\system32>cd d:\software\patch
```

```
C:\Windows\system32>cd D:\software\patch\p30901317_190000_MSWIN-x86-64
```

```
D:\software\patch\p30901317_190000_MSWIN-x86-64>cd 30901317
```

```
D:\software\patch\p30901317_190000_MSWIN-x86-64\30901317>%ORACLE_HOME%\OPatch\opatch apply
```

```
Oracle Interim Patch Installer version 12.2.0.1.15
```

```
Copyright (c) 2020, Oracle Corporation. All rights reserved.
```

```
....
```

```
....
```

```
....
```

```
Patching component oracle.oraolap, 19.0.0.0.0...
```

```
Patching component oracle.clrintg.ode_net_2, 19.0.0.0.0...
```

```
Patching component oracle.rdbms.dv, 19.0.0.0.0...
```

Patching component oracle.has.rsrf, 19.0.0.0.0...

Patching component oracle.sqlplus, 19.0.0.0.0...

Patching component oracle.has.common.cvu, 19.0.0.0.0...

Patch 30901317 successfully applied.

Log file location: D:\oracle\product\19.0.0\dbhome_1\cfgtoollogs\opatch\opatch2020-06-17_09-13-55AM_1.log

OPatch succeeded.

D:\software\patch\p30901317_190000_MSWIN-x86-64\30901317> **cd D:\software\patch\p30805684_190000_MSWIN-x86-64\30805684**

D:\software\patch\p30805684_190000_MSWIN-x86-64\30805684>**%ORACLE_HOME%\OPatch\opatch apply**

Oracle Interim Patch Installer version 12.2.0.1.15

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Oracle Home : D:\oracle\product\19.0.0\dbhome_1

Central Inventory : C:\Program Files\Oracle\Inventory

from :

OPatch version : 12.2.0.1.15

OUI version : 12.2.0.7.0

Log file location : D:\oracle\product\19.0.0\dbhome_1\cfgtoollogs\opatch\opatch2020-06-17_09-19-09AM_1.log

Verifying environment and performing prerequisite checks...

...

...

Do you want to proceed? [y|n]

y

User Responded with: Y

All checks passed.

Please shutdown Oracle instances running out of this ORACLE_HOME on the local system.
(Oracle Home = 'D:\oracle\product\19.0.0\dbhome_1')

Is the local system ready for patching? [y|n]

y

User Responded with: Y

Backing up files...

Applying interim patch '30805684' to OH 'D:\oracle\product\19.0.0\dbhome_1'

Patching component oracle.rdbms, 19.0.0.0.0...

Patching component oracle.rdbms.dbscripts, 19.0.0.0.0...

Patching component oracle.javavm.server, 19.0.0.0.0...

Patching component oracle.javavm.client, 19.0.0.0.0...

Patch 30805684 successfully applied.

Log file location: D:\oracle\product\19.0.0\dbhome_1\cfgtoollogs\opatch\opatch2020-06-17_09-19-09AM_1.log

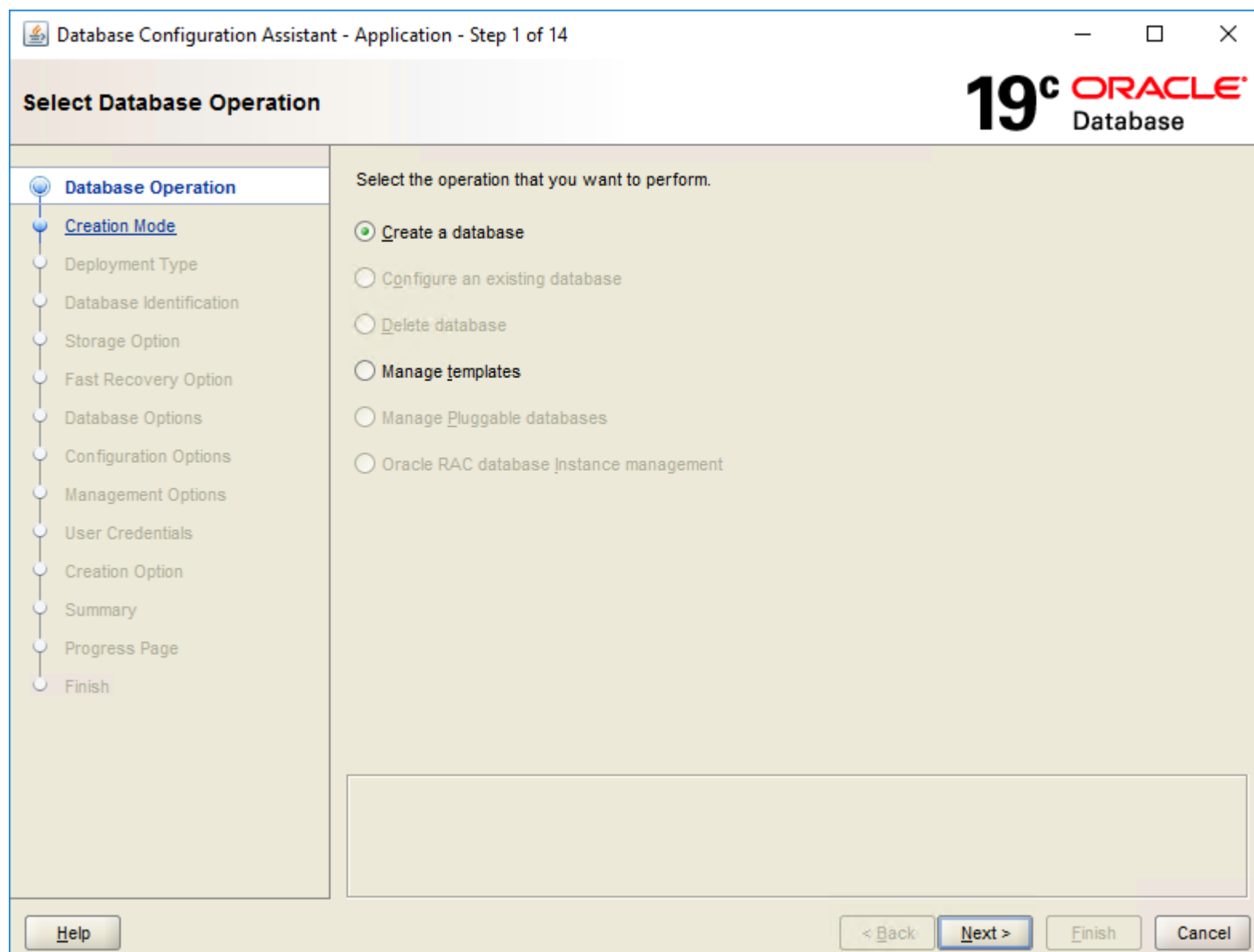
OPatch succeeded.

D:\software\patch\p30805684_190000_MSWIN-x86-64\30805684>%ORACLE_HOME%\OPatch\opatch **lspatches**
30805684;OJVM RELEASE UPDATE: 19.7.0.0.200414 (30805684)
30901317;Windows Database Bundle Patch : 19.7.0.0.200414 (30901317)

Create the OEM Repository Database

Notes:

- Database **oemdb** is created via **dbca**
- Non-CDB database is created (PDB is also supported for repository database)
- Redo Log file size should be minimum **300 MB**
- After database is created, ensure parameters are changed to support an OEM 13.4 installation
- Database is converted to run in NOARCHIVELOG mode while OEM installation and configuration is in progress
- Enable ARCHIVELOG mode once OEM 13.4 installation and configuration is completed



Database Configuration Assistant - Create a database - Step 2 of 14

19^c ORACLE[®] Database

Select Database Creation Mode

- Database Operation
- Creation Mode**
- Deployment Type
- Database Identification
- Storage Option
- Fast Recovery Option
- Database Options
- Configuration Options
- Management Options
- User Credentials
- Creation Option
- Summary
- Progress Page
- Finish

☐ Typical configuration

Global database name:

Storage type:

Database files location:

Fast Recovery Area (FRA):

Database character set:

Administrative password:

Confirm password:

☒ Create as Container database

Pluggable database name:

☒ **Advanced configuration**

Database Configuration Assistant - Create a database - Step 3 of 14

Select Database Deployment Type

19c ORACLE Database

Database Operation

Creation Mode

Deployment Type

Database Identification

Storage Option

Fast Recovery Option

Database Options

Configuration Options

Management Options

User Credentials

Creation Option

Summary

Progress Page

Finish

Select the type of database you want to create.

Database type:

Oracle Single Instance database

Configuration type:

Admin Managed

Select a template for your database.

Templates that include datafiles contain pre-created databases. They allow you to create a new database quickly. Use templates without datafiles only when necessary, such as when you need to change attributes like block size that cannot be altered after database creation.

	Template name	Include datafiles	Details
<input type="radio"/>	Data Warehouse	Yes	View details
<input checked="" type="radio"/>	General Purpose or Transaction Processing	Yes	View details
<input type="radio"/>	Custom Database	No	View details

Template location: D:\oracle\product\19.0.0\dbhome_1\assistants\dbca\templates

Change...

Help

< Back

Next >

Finish

Cancel

Oracle Enterprise Manager Cloud Control 13c Release 4 Installation and Configuration

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Database Configuration Assistant - Create a database - Step 4 of 14

Specify Database Identification Details

19^c ORACLE[®] Database

Database Operation

Creation Mode

Deployment Type

Database Identification

Storage Option

Fast Recovery Option

Database Options

Configuration Options

Management Options

User Credentials

Creation Option

Summary

Progress Page

Finish

Provide a unique database identifier information. An Oracle database is uniquely identified by a Global database name, typically of the form "name.domain".

Global database name:

SID:

Service name:

☐ **Create as Container database**

A Container database can be used for consolidating multiple databases into a single database, and it enables database virtualization. A Container database (CDB) can have zero or more pluggable databases (PDB).

☒ Use Local Undo tablespace for PDBs

☐ Create an empty Container database

☒ Create a Container database with one or more PDBs

Number of PDBs:

PDB name:

Help

< Back

Next >

Finish

Cancel

Select Database Storage Option

- Database Operation
- Creation Mode
- Deployment Type
- Database Identification
- Storage Option**
- Fast Recovery Option
- Database Options
- Configuration Options
- Management Options
- User Credentials
- Creation Option
- Summary
- Progress Page
- Finish

☐ Use template file for database storage attributes

Storage type and location for database files will be picked up from the specified template (General Purpose or Transaction Processing).

☒ Use following for the database storage attributes

All the database files will be put at the specified location below. You can customize the name and location of each datafile in the subsequent screen.

Database files storage type: File System

Database files location: {ORACLE_BASE}\oradata\{DB_UNIQUE_NAME} Browse...

Oracle Managed files option will enable Oracle to automatically generate the names of the datafiles for simplified database management.

☐ Use Oracle-Managed Files (OMF)

Multiplex redo logs and control files...

File location variables...

Help

< Back

Next >

Finish

Cancel

Database Configuration Assistant - Create 'oemdb' database - Step 6 of 14

Select Fast Recovery Option

19^c ORACLE[®] Database

Choose the recovery options for the database.

☒ Specify Fast Recovery Area

Recovery files storage type: File System

Fast Recovery Area: {ORACLE_BASE}\fast_recovery_area\{DB_UNIQUE_NAME} Browse...

Fast Recovery Area size: 20 GB

☒ Enable archiving Edit archive mode parameters...

Help < Back Next > Finish Cancel

Database Configuration Assistant - Create 'oemdb' database - Step 7 of 14

Specify Network Configuration Details

19^c ORACLE[®] Database

Database Operation
Creation Mode
Deployment Type
Database Identification
Storage Option
Fast Recovery Option
Network Configuration
Configuration Options
Management Options
User Credentials
Creation Option
Summary
Progress Page
Finish

Listener selection

Listeners from current Oracle home are listed below. Specify the listener name and port to create a new listener in current Oracle home.

Name	Port	Oracle home	Status
------	------	-------------	--------

☒ Create a new listener

Listener name:

Listener port:

Oracle home: D:\oracle\product\19.0.0\dbhome_1

Database Configuration Assistant - Create 'oemdb' database - Step 8 of 15

19^c ORACLE[®] Database

Select Oracle Data Vault Config Option

- Database Operation
- Creation Mode
- Deployment Type
- Database Identification
- Storage Option
- Fast Recovery Option
- Network Configuration
- Data Vault Option**
- Configuration Options
- Management Options
- User Credentials
- Creation Option
- Summary
- Progress Page
- Finish

☐ Configure Oracle Database Vault

Database Vault owner:

Password: Confirm password:

☐ Create a separate account manager

Account manager:

Password: Confirm password:

☐ Configure Oracle Label Security

☐ Configure Oracle Label Security with OJD

Database Configuration Assistant - Create 'oemdb' database - Step 9 of 15

Specify Configuration Options

19^c ORACLE[®] Database

- Database Operation
- Creation Mode
- Deployment Type
- Database Identification
- Storage Option
- Fast Recovery Option
- Network Configuration
- Data Vault Option
- Configuration Options**
- Management Options
- User Credentials
- Creation Option
- Summary
- Progress Page
- Finish

Memory | Sizing | Character sets | Connection mode | Sample schemas

☒ **Use Automatic Shared Memory Management**

SGA size: 4096 MB 390 5325 12285

PGA Size: 2048 MB

☐ **Use Manual Shared Memory Management**

Shared pool size: 0 MB

Buffer cache size: 0 MB

Java pool size: 0 MB

Large pool size: 0 MB

PGA size: 0 MB

Total memory for database 0 MB

☐ **Use Automatic Memory Management**

Memory target: 4914 MB 390 4914 12285 40%

[Help](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)

Database Configuration Assistant - Create 'oemdb' database - Step 10 of 15

Specify Management Options

19^c ORACLE[®] Database

Specify the management options for the database.

☐ Configure Enterprise Manager (EM) database express

EM database express port: 5500

☐ Register with Enterprise Manager (EM) cloud control

OMS host:

OMS port:

EM admin username:

EM admin password:

[Help](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)

Database Operation
Creation Mode
Deployment Type
Database Identification
Storage Option
Fast Recovery Option
Network Configuration
Data Vault Option
Configuration Options
Management Options
User Credentials
Creation Option
Summary
Progress Page
Finish

Database Configuration Assistant - Create 'oemdb' database - Step 11 of 15

Specify Database User Credentials

19^c ORACLE[®] Database

Database Operation

Creation Mode

Deployment Type

Database Identification

Storage Option

Fast Recovery Option

Network Configuration

Data Vault Option

Configuration Options

Management Options

User Credentials

Creation Option

Summary

Progress Page

Finish

You must specify passwords for the following user accounts in the new database for security reasons.

☐ Use different administrative passwords

Password

Confirm password

SYS

SYSTEM

☒ Use the same administrative password for all accounts

Password:

Confirm password:

Help

< Back

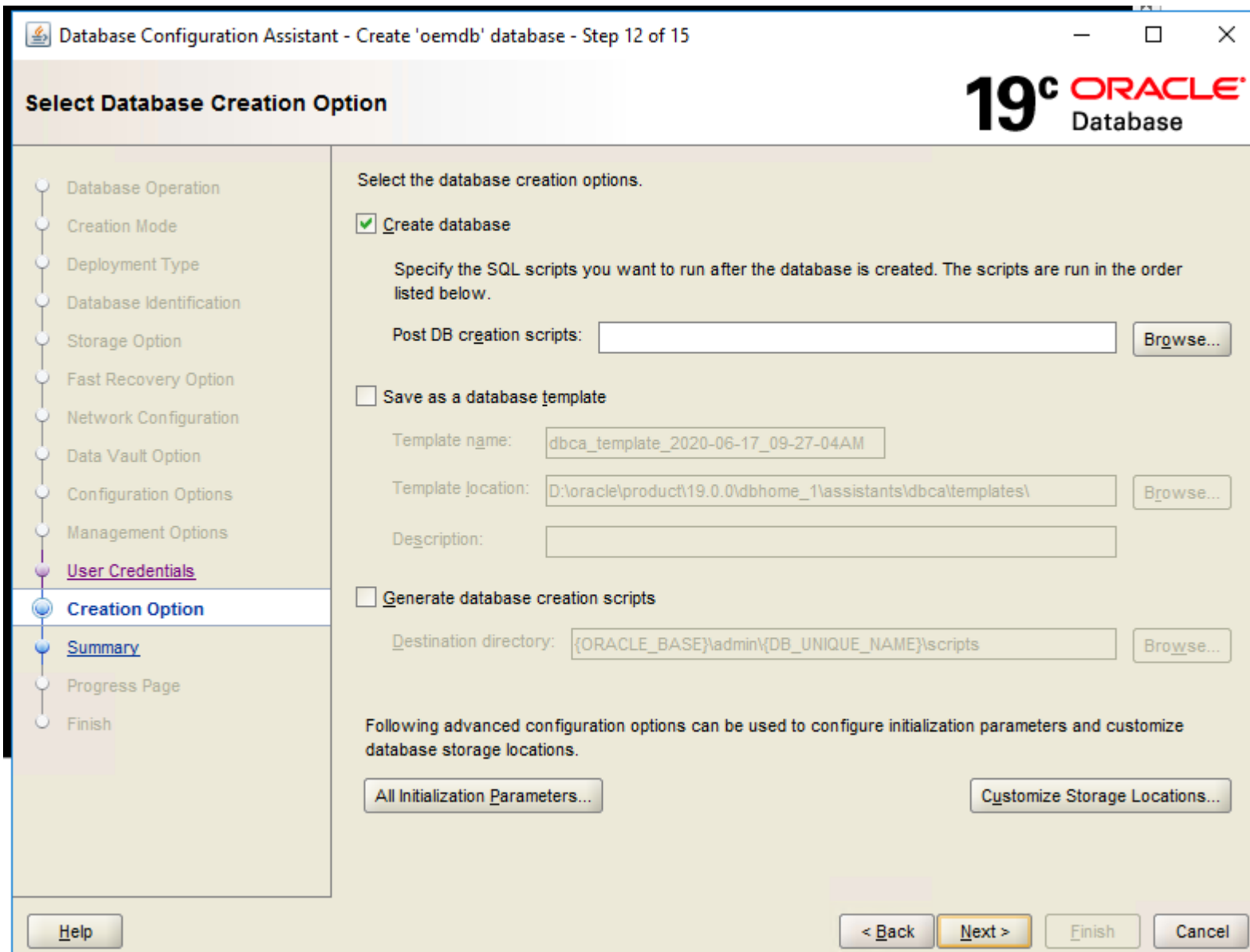
Next >

Finish

Cancel

Oracle Enterprise Manager Cloud Control 13c Release 4 Installation and Configuration

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Customize Storage

Storage

Control Files

Datafiles

Redo Log Groups

1

2

3

Add

Remove

Edit Redo Log Group - 1

Group #:

1

File Size:

300

M Bytes

Redo Log Members

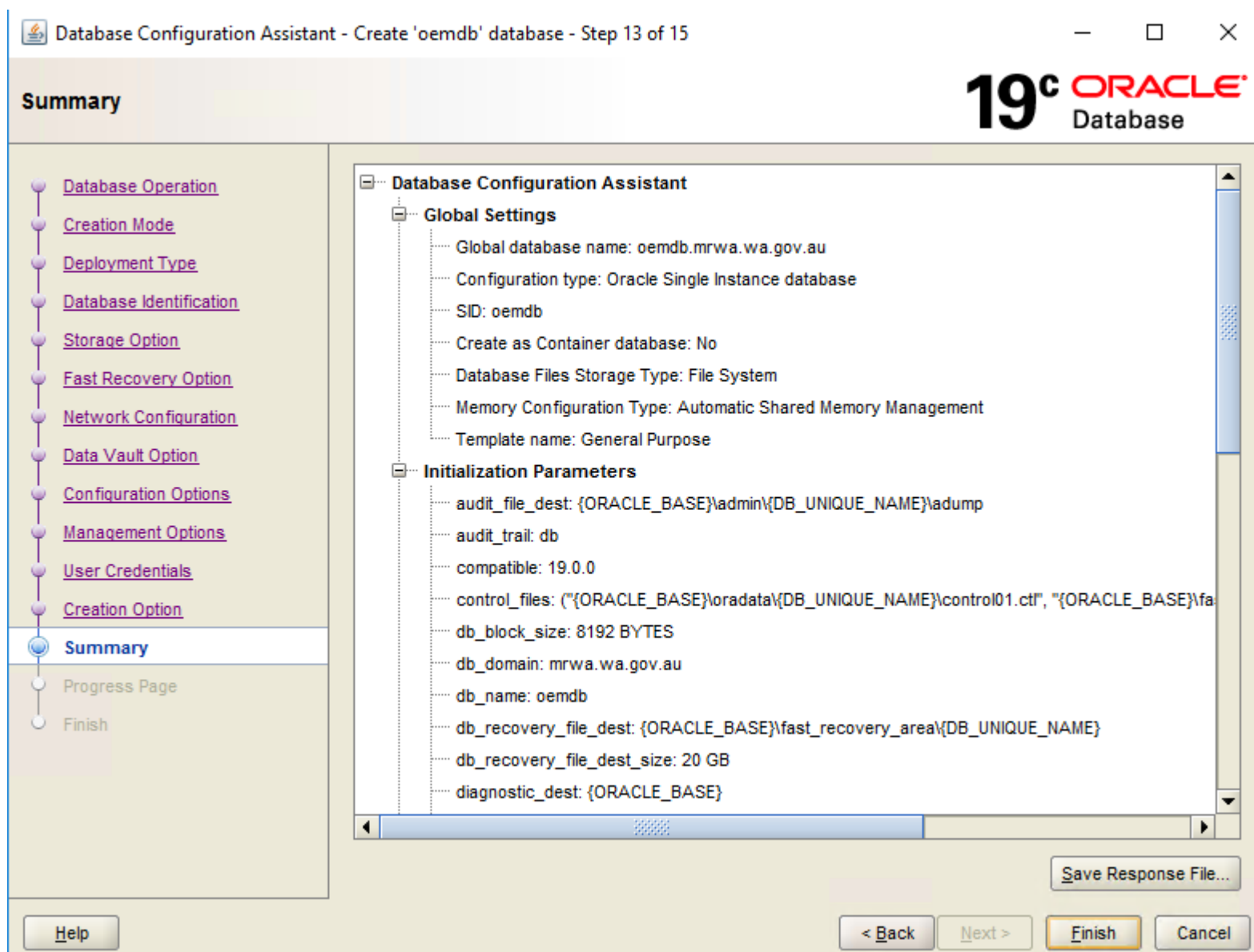
File Name
{ORACLE_BASE}\oradata\{DB_UNIQUE_NAME}\redo01.log

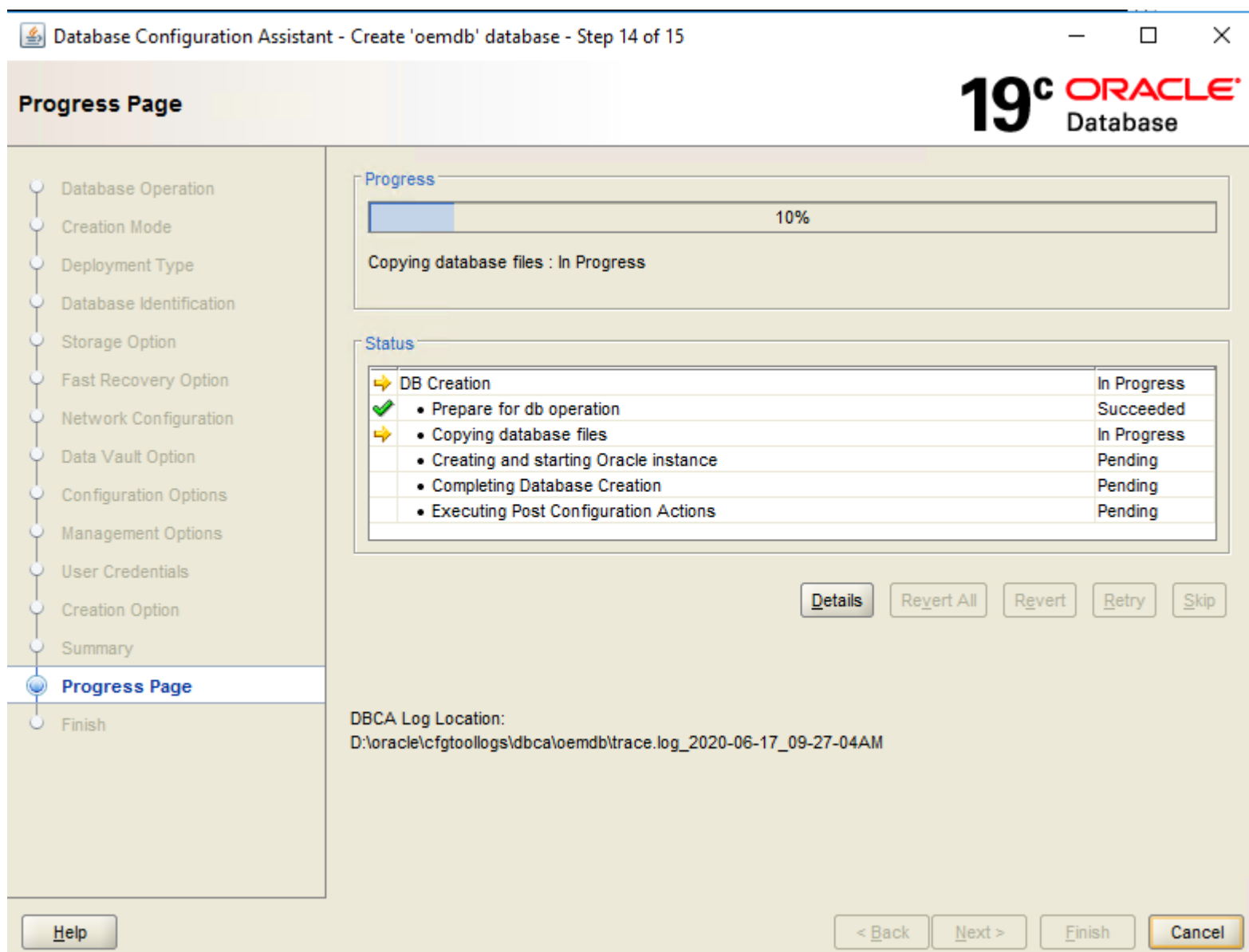
Apply

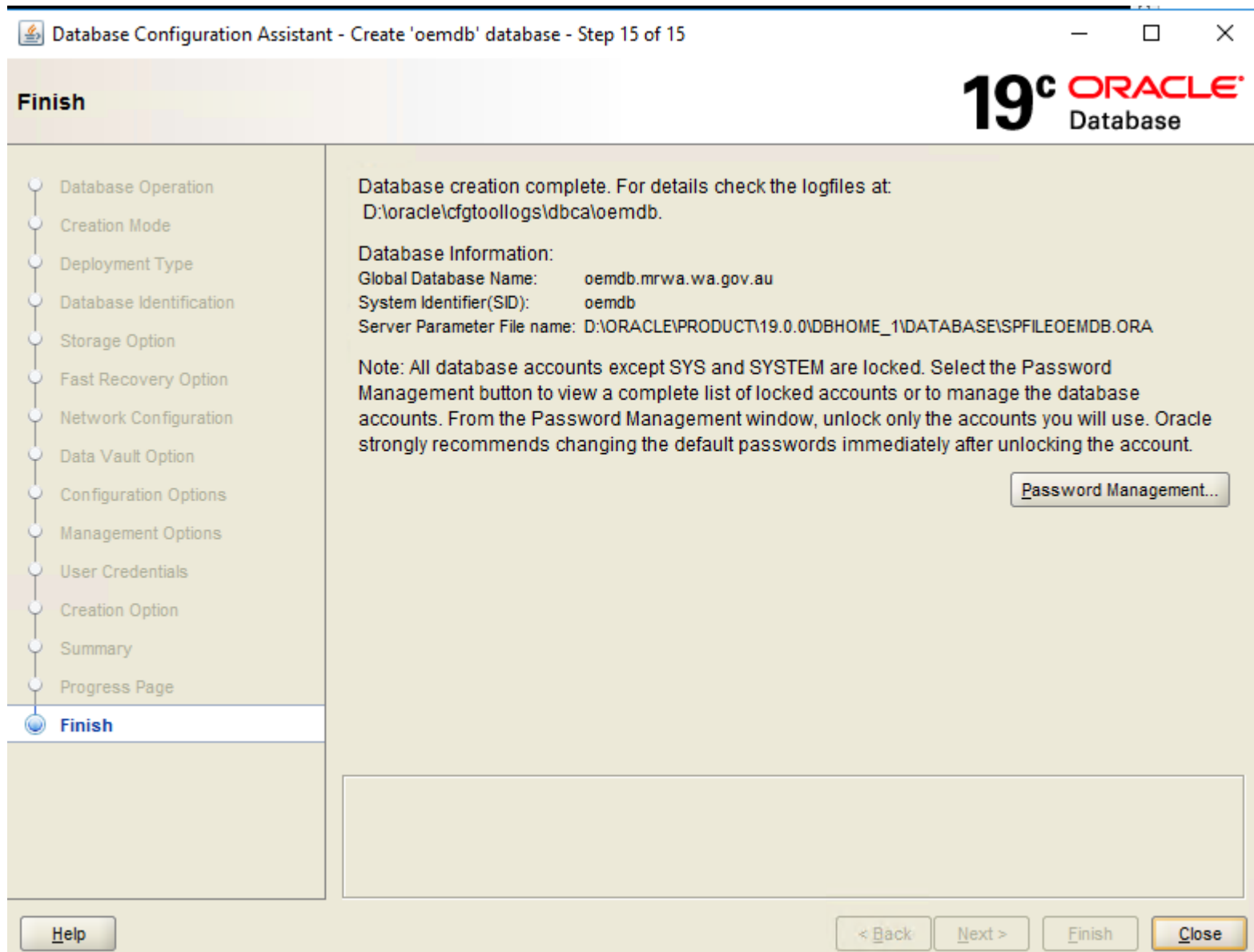
Revert

OK

Close







```
D:\oracle\product\19.0.0\dbhome_1\bin>sqlplus sys as sysdba
```

```
SQL*Plus: Release 19.0.0.0.0 - Production on Wed Jun 17 11:14:43 2020  
Version 19.7.0.0.0
```

```
Copyright (c) 1982, 2020, Oracle. All rights reserved.
```

```
Enter password:
```

```
Connected to:  
Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production  
Version 19.7.0.0.0
```

```
SQL> alter system set "_optimizer_nlj_hj_adaptive_join" = FALSE scope=both sid='*';
```

```
System altered.
```

```
SQL> alter system set "_optimizer_strans_adaptive_pruning" = FALSE scope=both sid='*';
```

```
System altered.
```

```
SQL> alter system set "_px_adaptive_dist_method" = OFF scope=both sid='*';
```

```
System altered.
```

```
SQL> alter system set "_sql_plan_directive_mgmt_control" = 0 scope=both sid='*';
```

```
System altered.
```

```
SQL> alter system set "_optimizer_dmdir_usage_control" = 0 scope=both sid='*';
```

```
System altered.
```

```
SQL> alter system set "_optimizer_use_feedback" = FALSE scope=both sid='*';
```

System altered.

```
SQL> alter system set "_optimizer_gather_feedback" = FALSE scope=both sid='*';
```

System altered.

```
SQL> alter system set "_optimizer_performance_feedback" = OFF scope=both sid='*';
```

System altered.

```
SQL> alter system set shared_pool_size=800M scope=spfile;
```

System altered.

```
SQL> alter system set processes=600 scope=spfile;
```

System altered.

```
SQL> alter system set session_cached_cursors=200 scope=spfile;
```

System altered.

```
SQL> alter system set "_allow_insert_with_update_check"=true scope=both;
```

System altered.

```
SQL> shutdown immediate;
```

Database closed.

Database dismounted.

ORACLE instance shut down.

```
SQL> startup mount;  
ORACLE instance started.
```

```
Total System Global Area 4294964032 bytes  
Fixed Size          9036608 bytes  
Variable Size       855638016 bytes  
Database Buffers    3422552064 bytes  
Redo Buffers        7737344 bytes  
Database mounted.
```

```
SQL> alter database noarchivelog;
```

```
Database altered.
```

```
SQL> alter database open;
```

```
Database altered.
```

Install Oracle EM Cloud Control 13c Release 4

Notes:

- Download the EM 13c Release 4 installation files in the staging area D:\software
- Ensure staging area has 30 GB free disk space
- Disk space requirements of EM 13c is also around 30 GB for a 'small' configuration
- Execute **setup_em13400_win64.exe** which will launch the installer
- Ignore prerequisite check failure as Enterprise Manager Base Platform - OMS 13.4.0.0.0 is certified on Microsoft Windows x64 (64-bit) 2016

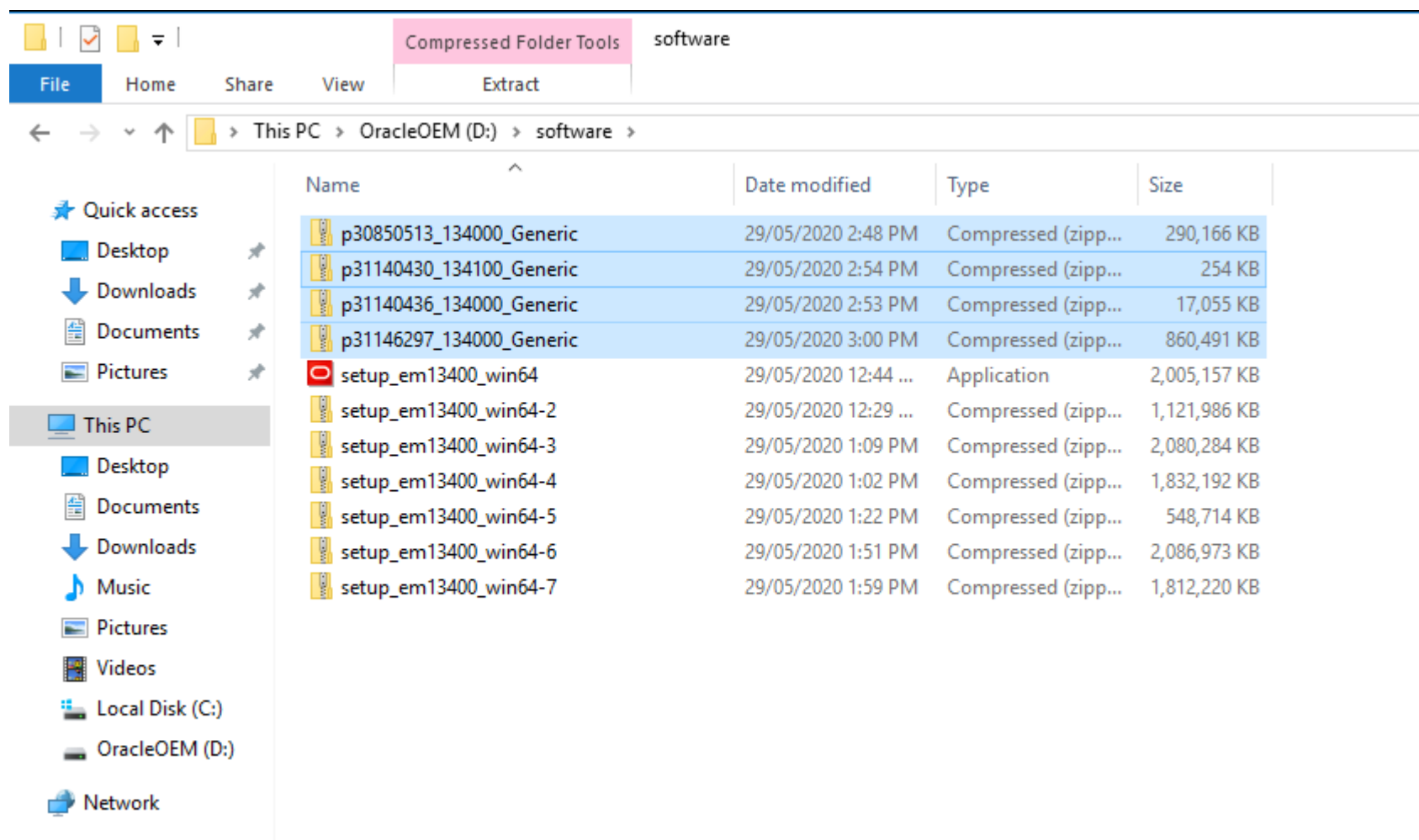
Operating System Certification



Enterprise Manager Base Platform - OMS 13.4.0.0.0 is certified on Microsoft Windows x64 (64-bit) 2016

[See Certification Details for Notes and Support information.](#)

Displaying Enterprise Manager Base Platform - OMS 13.4.0.0.0 Certifications (Filtered by Microsoft Windows x64 (64-bit) 2016 [Turn off filter](#))



```
C:\Windows\system32>cd D:\software
```

```
C:\Windows\system32>d:
```

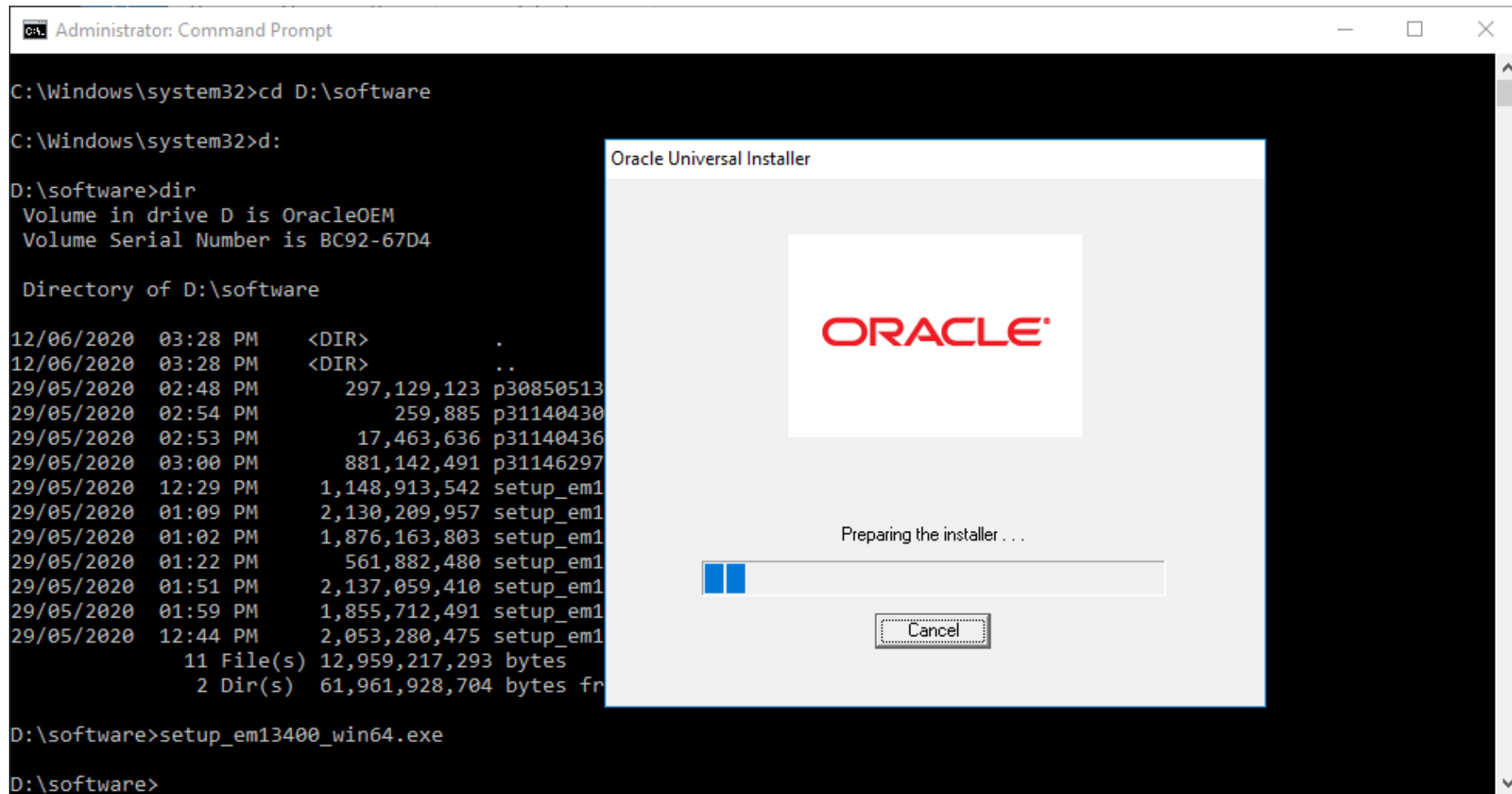
```
D:\software>dir
```


Volume in drive D is OracleOEM
Volume Serial Number is BC92-67D4

Directory of D:\software

```
12/06/2020 03:28 PM <DIR>      .
12/06/2020 03:28 PM <DIR>      ..
29/05/2020 02:48 PM      297,129,123 p30850513_134000_Generic.zip
29/05/2020 02:54 PM      259,885 p31140430_134100_Generic.zip
29/05/2020 02:53 PM      17,463,636 p31140436_134000_Generic.zip
29/05/2020 03:00 PM      881,142,491 p31146297_134000_Generic.zip
29/05/2020 12:29 PM    1,148,913,542 setup_em13400_win64-2.zip
29/05/2020 01:09 PM    2,130,209,957 setup_em13400_win64-3.zip
29/05/2020 01:02 PM    1,876,163,803 setup_em13400_win64-4.zip
29/05/2020 01:22 PM      561,882,480 setup_em13400_win64-5.zip
29/05/2020 01:51 PM    2,137,059,410 setup_em13400_win64-6.zip
29/05/2020 01:59 PM    1,855,712,491 setup_em13400_win64-7.zip
29/05/2020 12:44 PM    2,053,280,475 setup_em13400_win64.exe
      11 File(s) 12,959,217,293 bytes
      2 Dir(s)  61,961,928,704 bytes free
```

D:\software>**setup_em13400_win64.exe**



```
Launcher log file is C:\Users\c4600-adm\AppData\Local\Temp\OraInstall2020-06-17_11-46-23AM\launcher2020-06-17_11-46-23AM.log.  
Extracting the installer . . . . .
```

My Oracle Support Details

ORACLE® Enterprise Manager Cloud Control 13c

My Oracle Support Details

Software Updates

Prerequisite Checks

Installation Types

Installation Details

Configuration Details

Shared Location Details

Review

Install Progress

Finish

Provide your email address to be informed of security issues, install the product and initiate configuration manager. [View details.](#)

Email:

Easier for you if you use your My Oracle Support email address/username.

☐ I wish to receive security updates via My Oracle Support.

My Oracle Support Password:

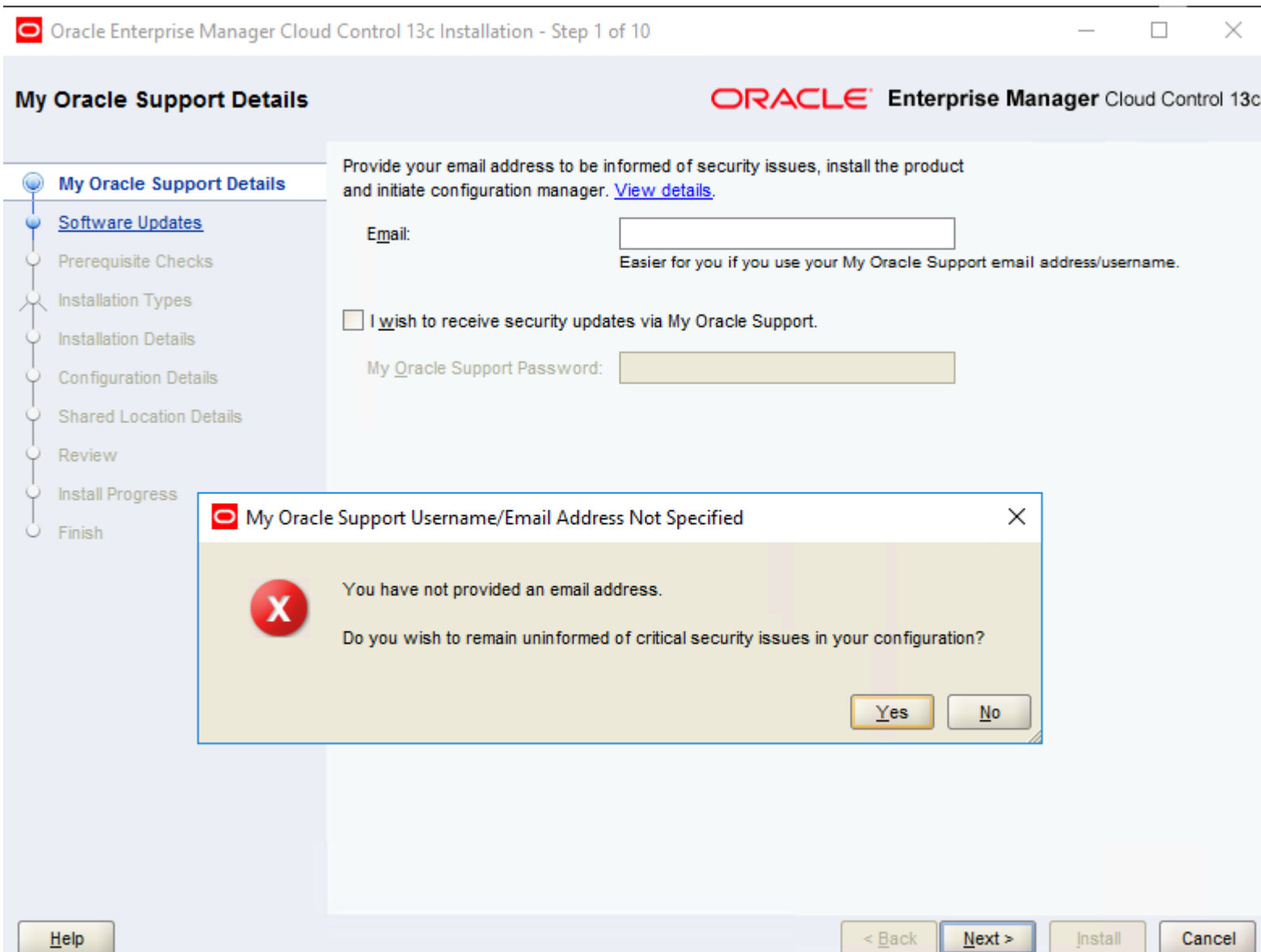
Help

< Back

Next >

Install

Cancel



Oracle Enterprise Manager Cloud Control 13c Installation - Step 2 of 10

Software Updates

ORACLE Enterprise Manager Cloud Control 13c

- My Oracle Support Details
- Software Updates**
- Prerequisite Checks
- Installation Types
- Installation Details
- Configuration Details
- Shared Location Details
- Review
- Install Progress
- Finish

☒ Skip

☐ Search for Updates (Prerequisites, Critical Patches, Interim Patches, Plug-ins, etc.)

☐ Local Directory

☒ My Oracle Support (Requires Internet Connection)

User Name

Password

Messages:

Oracle Enterprise Manager Cloud Control 13c Installation - Step 3 of 10

Prerequisite Checks

ORACLE Enterprise Manager Cloud Control 13c

My Oracle Support Details

Software Updates

Prerequisite Checks

Installation Types

Installation Details

Configuration Details

Shared Location Details

Review

Install Progress

Finish

Prerequisite checks verify that your environment meets all minimum requirements for installing and configuring your selected product.

Rerun

Ignore

Prerequisite Name	Status
Checking whether the Oracle software being installed is certified on the curre...	Warning
Checking for sufficient physical memory...	Succeeded
Checking for the http_proxy environment variable...	Succeeded

Checking whether the Oracle software being installed is certified on the current operating system . . .

Description:
Checks whether the Oracle software you are installing is certified on the current operating system.

Expected result: One of 6.1, 6.2, 6.3
Actual Result: Windows Server 2016 Standard
Check complete. The overall result of this check is: Failed

Recommendation:

Help

< Back

Next >

Install

Cancel

Oracle Enterprise Manager Cloud Control 13c Release 4 Installation and Configuration

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Oracle Enterprise Manager Cloud Control 13c Installation - Step 3 of 10

Prerequisite Checks

- My Oracle Support Details
- Software Updates
- Prerequisite Checks**
- Installation Types
- Installation Details
- Configuration Details
- Shared Location Details
- Review
- Install Progress
- Finish

Enterprise Manager Cloud Control 13c

Prerequisite checks verify that your environment meets all minimum requirements for installing and configuring your selected product.

Prerequisite Name	Status
Checking whether the Oracle software being installed is certified on the curre...	Warning
Checking for sufficient physical memory...	Succeeded
Checking for the http_pro...	Warning

Some recommended prerequisites checks failed. You might encounter errors during installation. Do you want to proceed.

Checking whether the Oracle software being installed is certified on the current operating system . . .

Description:

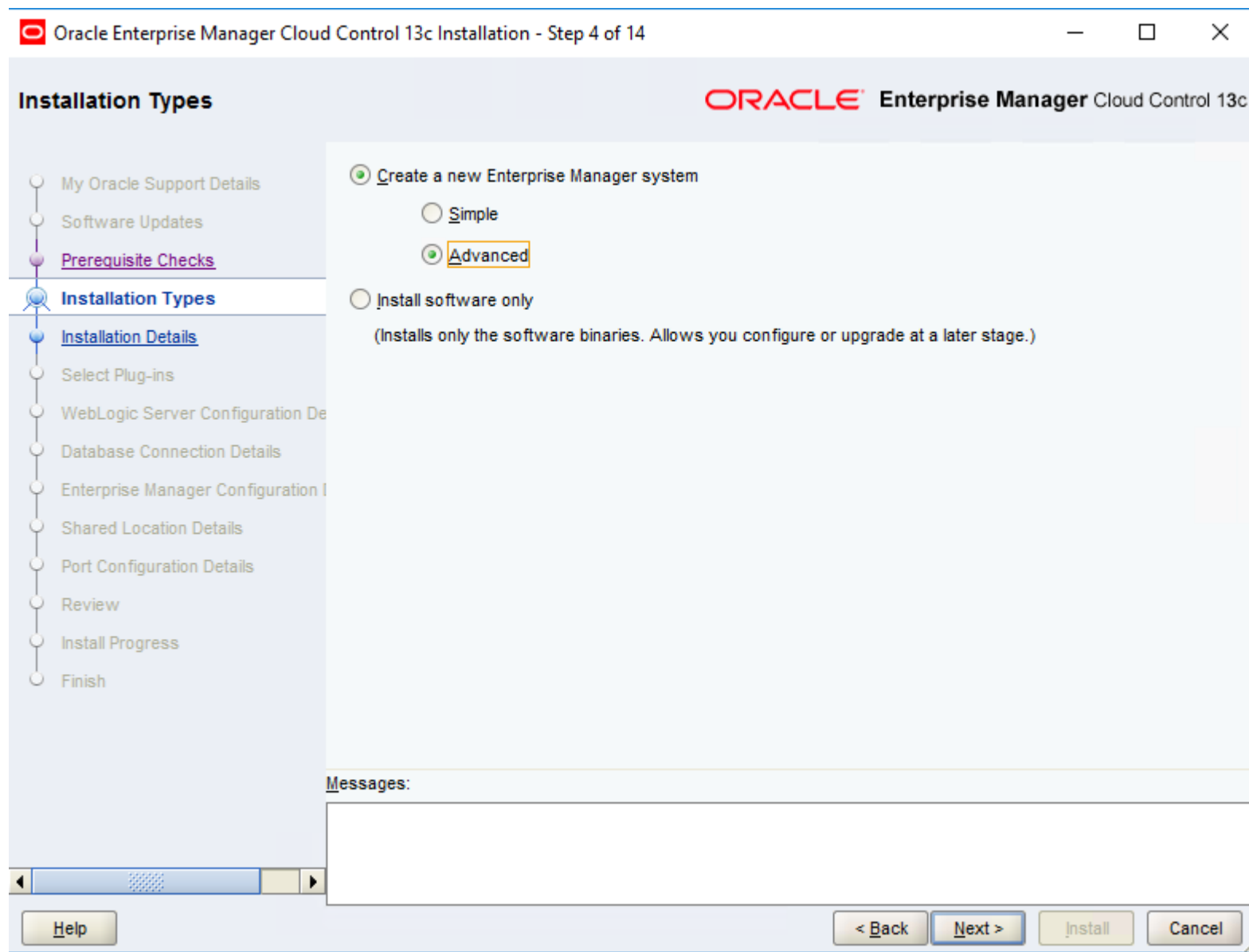
Checks whether the Oracle software you are installing is certified on the current operating system.

Expected result: One of 6.1, 6.2, 6.3

Actual Result: Windows Server 2016 Standard

Check complete. The overall result of this check is: Failed

Recommendation:



Oracle Enterprise Manager Cloud Control 13c Installation - Step 5 of 14

Installation Details

ORACLE Enterprise Manager Cloud Control 13c

- My Oracle Support Details
- Software Updates
- Prerequisite Checks
- Installation Types
- Installation Details**
- Select Plug-ins
- WebLogic Server Configuration Details
- Database Connection Details
- Enterprise Manager Configuration Details
- Shared Location Details
- Port Configuration Details
- Review
- Install Progress
- Finish

Middleware Home Location

Agent Base directory

Host Name

Messages:

Select Plug-ins

ORACLE® Enterprise Manager Cloud Control 13c

My Oracle Support Details

Software Updates

Prerequisite Checks

Installation Types

Installation Details

Select Plug-ins

WebLogic Server Configuration De

Database Connection Details

Enterprise Manager Configuration I

Shared Location Details

Port Configuration Details

Review

Install Progress

Finish

Plug-ins provide management capabilities tailored to specific types of targets or solution areas and typically have their own lifecycle independent of the Enterprise Manager core platform. Select the plug-ins you want to configure.

☐ Select all plugins.

Select	Name	Version
<input checked="" type="checkbox"/>	Oracle Cloud Framework	13.4.1.0.0
<input checked="" type="checkbox"/>	Oracle Database	13.4.1.0.0
<input checked="" type="checkbox"/>	Oracle Exadata	13.4.1.0.0
<input checked="" type="checkbox"/>	Oracle Fusion Middleware	13.4.1.0.0
<input checked="" type="checkbox"/>	Systems Infrastructure	13.4.1.0.0
<input type="checkbox"/>	Apache Tomcat	13.2.1.0.0
<input type="checkbox"/>	Cloud Services Management	13.4.1.0.0
<input type="checkbox"/>	Microsoft Active Directory	13.1.1.0.0
<input type="checkbox"/>	Microsoft IIS	13.1.1.0.0
<input type="checkbox"/>	Oracle Audit Vault and Database Firewall	13.4.1.0.0
<input type="checkbox"/>	Oracle Big Data Appliance	13.4.1.0.0
<input type="checkbox"/>	Oracle Cloud Application	13.4.1.0.0
<input type="checkbox"/>	Oracle Consolidation Planning and Chargeback	13.4.1.0.0
<input type="checkbox"/>	Oracle Fusion Applications	13.4.1.0.0
<input type="checkbox"/>	Oracle ORAchk Healthchecks	13.4.1.0.0
<input type="checkbox"/>	Oracle Siebel	13.4.1.0.0
<input type="checkbox"/>	Oracle Storage Management Framework	13.4.1.0.0
<input type="checkbox"/>	Oracle Virtual Infrastructure	13.4.1.0.0
<input type="checkbox"/>	Oracle Virtualization	13.4.1.0.0
<input type="checkbox"/>	Zero Data Loss Recovery Appliance	13.4.1.0.0

Help

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Install

Cancel

Oracle Enterprise Manager Cloud Control 13c Installation - Step 7 of 14

WebLogic Server Configuration Details

ORACLE Enterprise Manager Cloud Control 13c

- My Oracle Support Details
- Software Updates
- Prerequisite Checks
- Installation Types
- Installation Details
- Select Plug-ins
- WebLogic Server Configuration**
- Database Connection Details
- Enterprise Manager Configuration I
- Shared Location Details
- Port Configuration Details
- Review
- Install Progress
- Finish

WebLogic Domain Name: GCDomain

WebLogic User Name: weblogic

WebLogic Password: ●●●●●●

Confirm Password: ●●●●●●

Node Manager User Name: nodemanager

Node Manager Password: ●●●●●●

Confirm Password: ●●●●●●

OMS Instance Base Location: d:\oracle\gc_inst [Browse...](#)

Messages:

[Help](#) [< Back](#) [Next >](#) [Install](#) [Cancel](#)

Oracle Enterprise Manager Cloud Control 13c Installation - Step 8 of 14

Database Connection Details

ORACLE Enterprise Manager Cloud Control 13c

- My Oracle Support Details
- Software Updates
- Prerequisite Checks
- Installation Types
- Installation Details
- Select Plug-ins
- WebLogic Server Configuration Details
- Database Connection Details**
- Enterprise Manager Configuration Details
- Shared Location Details
- Port Configuration Details
- Review
- Install Progress
- Finish

Database Host Name: CPVDC2ORA001.mrwa.wa.gov.au

Port: 1521

Service/SID: oemdb.mrwa.wa.gov.au

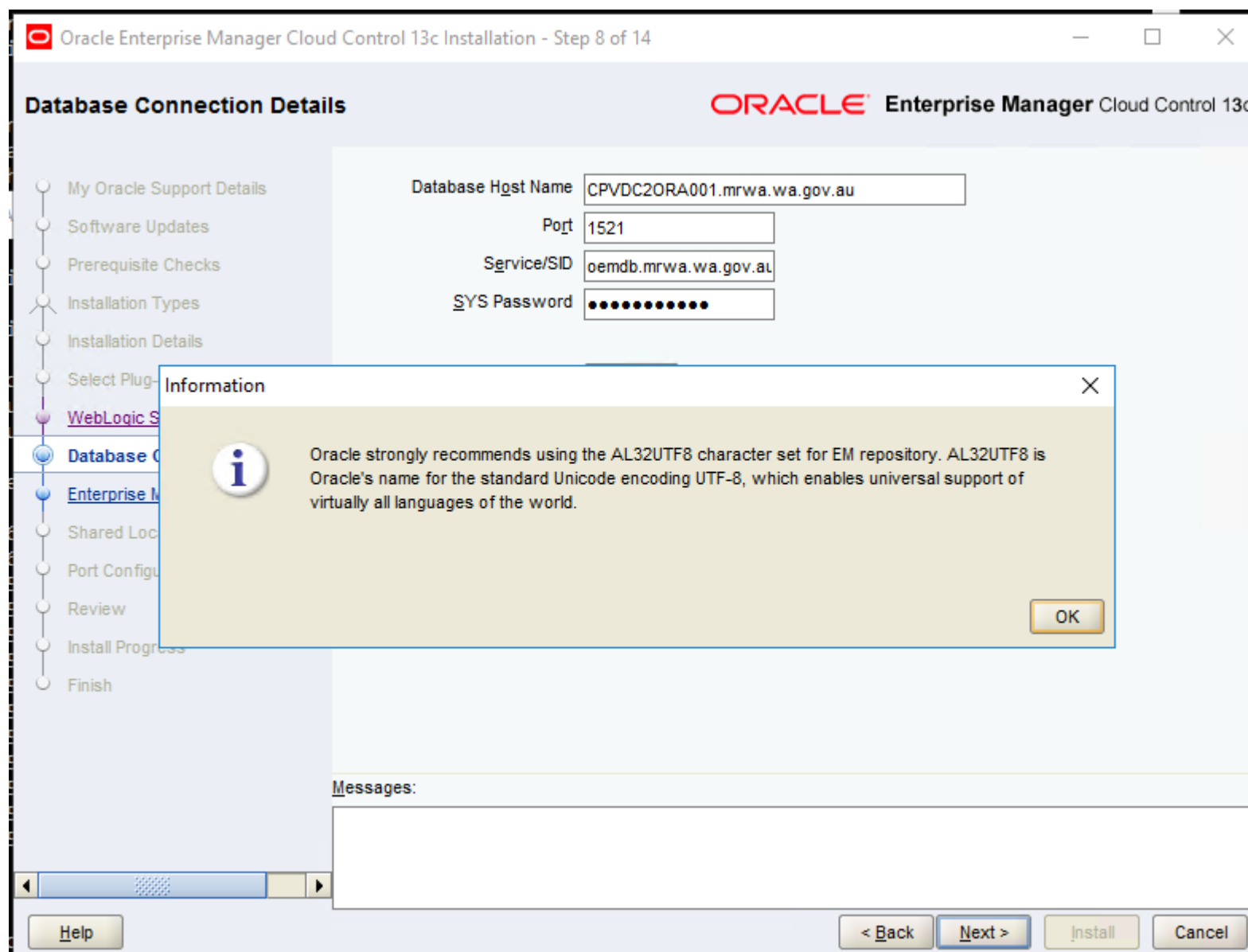
SYS Password: ●●●●●●●●

Deployment Size: SMALL ▼

Messages:

◀ [Progress Bar] ▶

Help < Back Next > Install Cancel



Database Connection Details

ORACLE® Enterprise Manager Cloud Control 13c

Database Host Name CPVDC2ORA001.mrwa.wa.gov.au

Port 1521

Error

The following prerequisite check failed because the Oracle Database, where the Management Repository will be configured, does not meet the configuration requirements. To let the installer fix the issue automatically, click Yes. To fix the issue yourself, click No. For more details, check the logs: C:\Users\c4600-admin\AppData\Local\Temp\OraInstall2020-06-17_11-46-23AM\emdbprereqs

Prereq Name	Recommendation
Check the CBO stats gathering job	Temporarily disabling the gather stats job. It will be automatically re-enabled at the end of this process.
Check parallel max servers parameter	The parallel max servers parameter will be temporarily set to a lower value
Check parallel min servers parameter	The parallel min servers parameter will be set to 0

Yes No

Messages:

Help

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Install

Cancel

Oracle Enterprise Manager Cloud Control 13c Installation - Step 9 of 14

Enterprise Manager Configuration Details

ORACLE Enterprise Manager Cloud Control 13c

- My Oracle Support Details
- Software Updates
- Prerequisite Checks
- Installation Types
- Installation Details
- Select Plug-ins
- WebLogic Server Configuration Details
- Database Connection Details
- Enterprise Manager Configuration Details**
- Shared Location Details
- Port Configuration Details
- Review
- Install Progress
- Finish

Create SYSMAN Password

Confirm Password

Agent Registration Password

Confirm Password

Management Tablespace

Configuration Data Tablespace

JVM Diagnostics Data Tablespace

[Reset to Default](#)

Messages:

Oracle Enterprise Manager Cloud Control 13c Installation - Step 10 of 14

Enterprise Manager Shared Location Details

My Oracle Support Details

Software Updates

Prerequisite Checks

Installation Types

Installation Details

Select Plug-ins

WebLogic Server Configuration Details

Database Connection Details

Enterprise Manager Configuration Details

Shared Location Details

Port Configuration Details

Review

Install Progress

Finish

☒ Configure Oracle Software Library

Software Library Location

If you are planning to have a multi-OMS setup, then enter a shared location that is accessible from all the OMS instances.

Enable BI Publisher

☒ Enable Oracle BI Publisher

Messages:

Oracle Enterprise Manager Cloud Control 13c Release 4 Installation and Configuration

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Port Configuration Details

- My Oracle Support Details
- Software Updates
- Prerequisite Checks
- Installation Types
- Installation Details
- Select Plug-ins
- WebLogic Server Configuration Details
- Database Connection Details
- Enterprise Manager Configuration Details
- Shared Location Details**
- Port Configuration Details**
- [Review](#)
- Install Progress
- Finish

Enterprise Manager Cloud Control 13c

Configuration of the Enterprise Manager system requires the allocation of several ports to facilitate internal communication between system components and to provide access to the console through a browser. The following table contains the ports that will be allocated, along with the recommended port ranges, for each component. By default, the first available port in the specified port range has been chosen.

Component Name	Recommended Port Range	Port
Enterprise Manager Upload Http Port	4889-4898	4889
Managed Server Http Port	7201-7300	7201
Node Manager Http SSL Port	7401-7500	7401
OHS Http Port	9788,9751-9800	9788
Enterprise Manager Upload Http SSL Port	1159,4899-4908	1159
OHS Http SSL Port	9899,9851-9900	9899
BI Publisher Http SSL Port	9801,9801-9850	9801
Oracle Management Agent Port	3872,1830-1849	3872
Enterprise Manager Central Console Http Port	7788-7798	7788
Admin Server Http SSL Port	7101-7200	7101
Managed Server Http SSL Port	7301-7400	7301
BI Publisher Http Port	9701,9701-9750	9701
Enterprise Manager Central Console Http SSL Port	7799-7809	7799

Messages:

Review

ORACLE Enterprise Manager Cloud Control 13c

- [My Oracle Support Details](#)
- [Software Updates](#)
- [Prerequisite Checks](#)
- [Installation Types](#)
- [Installation Details](#)
- [Select Plug-Ins](#)
- [WebLogic Server Configuration Details](#)
- [Database Connection Details](#)
- [Enterprise Manager Configuration Details](#)
- [Shared Location Details](#)
- [Port Configuration Details](#)
- Review**
- [Install Progress](#)
- [Finish](#)

Review the information you have provided, and click Install to begin the installation process.

Install a new Enterprise Manager system

- Source: D:\software\stage\products.xml
- Disk Space**
 - Available: 57.70GB
 - Required: 27.9 GB
- Installation Location**
 - Oracle Management Service Home: d:\oracle\middleware
 - Oracle Management Agent Home: d:\oracle\agent_base\agent_13.4.0.0.0
- Database Information**
 - Connect String: (DESCRIPTION=(ADDRESS_LIST=(ADDRESS=(PROTOCOL=TCP)(HOST=CPVDC2ORA001.mrwa.wa.gov.au)(PORT=1521)))(CONNECT_DATA=(SERVICE_NAME=orcl)))
 - Tablespace Information**
 - Management Tablespace: D:\ORACLE\ORADATA\OEMDB\mgmt.dbf
 - Configuration Data Tablespace: D:\ORACLE\ORADATA\OEMDB\mgmt_ecm_depot1.dbf
 - JVM Diagnostics Data Tablespace: D:\ORACLE\ORADATA\OEMDB\mgmt_deepdive.dbf
- WebLogic Server Information**
 - Domain Name: GCDomain
 - Node Manager User Name: nodemanager
 - WebLogic Server User Name: weblogic
- Ports**
 - Enterprise Manager Upload Http Port : 4889
 - Managed Server Http Port : 7201
 - Node Manager Http SSL Port : 7401
 - OHS Http Port : 9788
 - Enterprise Manager Upload Http SSL Port : 1159
 - OHS Http SSL Port : 9899
 - BI Publisher Http SSL Port : 9801
 - Oracle Management Agent Port : 3872
 - Enterprise Manager Central Console Http Port : 7788
 - Admin Server Http SSL Port : 7101

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Install

Cancel

Installation Progress Details

- My Oracle Support Details
- Software Updates
- Prerequisite Checks
- Installation Types
- Installation Details
- Select Plug-ins
- WebLogic Server Configuration De
- Database Connection Details
- Enterprise Manager Configuration I
- Shared Location Details
- Port Configuration Details
- Review
- Install Progress**
- Finish

ORACLE

 Enterprise Manager Cloud Control 13c

Progress

19%

Starting Installations

Retry

Status	Step	Log Details
⌚	Copy files	View Log
	Configure	

Help

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Install
Cancel

Oracle Enterprise Manager Cloud Control 13c Installation - Step 13 of 14

Installation Progress Details

ORACLE Enterprise Manager Cloud Control 13c

My Oracle Support Details

Software Updates

Prerequisite Checks

Installation Types

Installation Details

Select Plug-ins

WebLogic Server Configuration De

Database Connection Details

Enterprise Manager Configuration I

Shared Location Details

Port Configuration Details

Review

Install Progress

Finish

Progress

21%

Applying the required one-off patches.

Detailed Status

Retry

Status	Step	Log Details
	Copy files	View Log
	Configure	

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Install

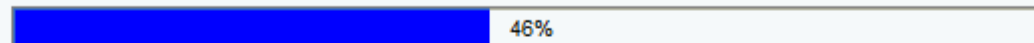
Cancel

Installation Progress Details

ORACLE® Enterprise Manager Cloud Control 13c

- My Oracle Support Details
- Software Updates
- Prerequisite Checks
- Installation Types
- Installation Details
- Select Plug-ins
- WebLogic Server Configuration Details
- Database Connection Details
- Enterprise Manager Configuration Details
- Shared Location Details
- Port Configuration Details
- Review
- Install Progress**
- Finish

Progress



Configuration Assistant "Repository Configuration" is in progress.

[Retry](#)

Detailed Status

Status	Step	Log Details
	Copy files	View Log
	Configure	
	Plugins Prerequisites Check	View Log
	Repository Configuration	View Log
	MDS Schema Configuration	
	BI Publisher Schema Configuration	
	OMS Configuration	
	Plugins Deployment and Configuration	
	BI Publisher Configuration	
	Start Oracle Management Service	
	Agent Configuration Assistant	

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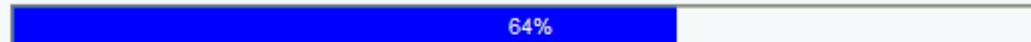
[Cancel](#)

Installation Progress Details

ORACLE® Enterprise Manager Cloud Control 13c

- My Oracle Support Details
- Software Updates
- Prerequisite Checks
- Installation Types
- Installation Details
- Select Plug-ins
- WebLogic Server Configuration De
- Database Connection Details
- Enterprise Manager Configuration I
- Shared Location Details
- Port Configuration Details
- Review
- **Install Progress**
- Finish

Progress



Configuration Assistant "OMS Configuration" is in progress.

Retry

Detailed Status

Status	Step	Log Details
⌚	Copy files	View Log
⌚	Configure	
✓	Plugins Prerequisites Check	View Log
✓	Repository Configuration	View Log
✓	MDS Schema Configuration	View Log
✓	BI Publisher Schema Configuration	View Log
➡	OMS Configuration	View Log
	Plugins Deployment and Configuration	
	BI Publisher Configuration	
	Start Oracle Management Service	
	Agent Configuration Assistant	

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Install

Cancel

Installation Progress Details

- My Oracle Support Details
- Software Updates
- Prerequisite Checks
- Installation Types
- Installation Details
- Select Plug-ins
- WebLogic Server Configuration Details
- Database Connection Details
- Enterprise Manager Configuration Details
- Shared Location Details
- Port Configuration Details
- Review
- Install Progress**
- Finish

ORACLE

 Enterprise Manager Cloud Control 13c

Progress

74%

Configuration Assistant "Plugins Deployment and Configuration" is in progress.

Retry

Detailed Status

Status	Step	Log Details
🕒	Copy files	View Log
🕒	Configure	
✅	Plugins Prerequisites Check	View Log
✅	Repository Configuration	View Log
✅	MDS Schema Configuration	View Log
✅	BI Publisher Schema Configuration	View Log
✅	OMS Configuration	View Log
➡	Plugins Deployment and Configuration	View Log
	BI Publisher Configuration	
	Start Oracle Management Service	
	Agent Configuration Assistant	

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Installation Progress Details

ORACLE Enterprise Manager Cloud Control 13c

- My Oracle Support Details
- Software Updates
- Prerequisite Checks
- Installation Types
- Installation Details
- Select Plug-ins
- WebLogic Server Configuration Details
- Database Connection Details
- Enterprise Manager Configuration Details
- Shared Location Details
- Port Configuration Details
- Review
- **Install Progress**
- Finish










Progress

80%

Configuration Assistant "BI Publisher Configuration" is in progress.

Retry

Detailed Status

Status	Step	Log Details
	Copy files	View Log
	Configure	
	Plugins Prerequisites Check	View Log
	Repository Configuration	View Log
	MDS Schema Configuration	View Log
	BI Publisher Schema Configuration	View Log
	OMS Configuration	View Log
	Plugins Deployment and Configuration	View Log
	BI Publisher Configuration	View Log
	Start Oracle Management Service	
	Agent Configuration Assistant	

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Install

Cancel

Installation Progress Details

ORACLE Enterprise Manager Cloud Control 13c

- My Oracle Support Details
- Software Updates
- Prerequisite Checks
- Installation Types
- Installation Details
- Select Plug-ins
- WebLogic Server Configuration Details
- Database Connection Details
- Enterprise Manager Configuration Details
- Shared Location Details
- Port Configuration Details
- Review
- Install Progress**
- Finish

Progress

86%

Configuration Assistant "Start Oracle Management Service" is in progress.

Retry

Status	Step	Log Details
	Copy files	View Log
	Configure	
	Plugins Prerequisites Check	View Log
	Repository Configuration	View Log
	MDS Schema Configuration	View Log
	BI Publisher Schema Configuration	View Log
	OMS Configuration	View Log
	Plugins Deployment and Configuration	View Log
	BI Publisher Configuration	View Log
	Start Oracle Management Service	View Log
	Agent Configuration Assistant	

Help

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ORACLE® Enterprise Manager Cloud Control 13c

-

88%

Configuration Assistant "Agent Configuration Assistant" is in progress.

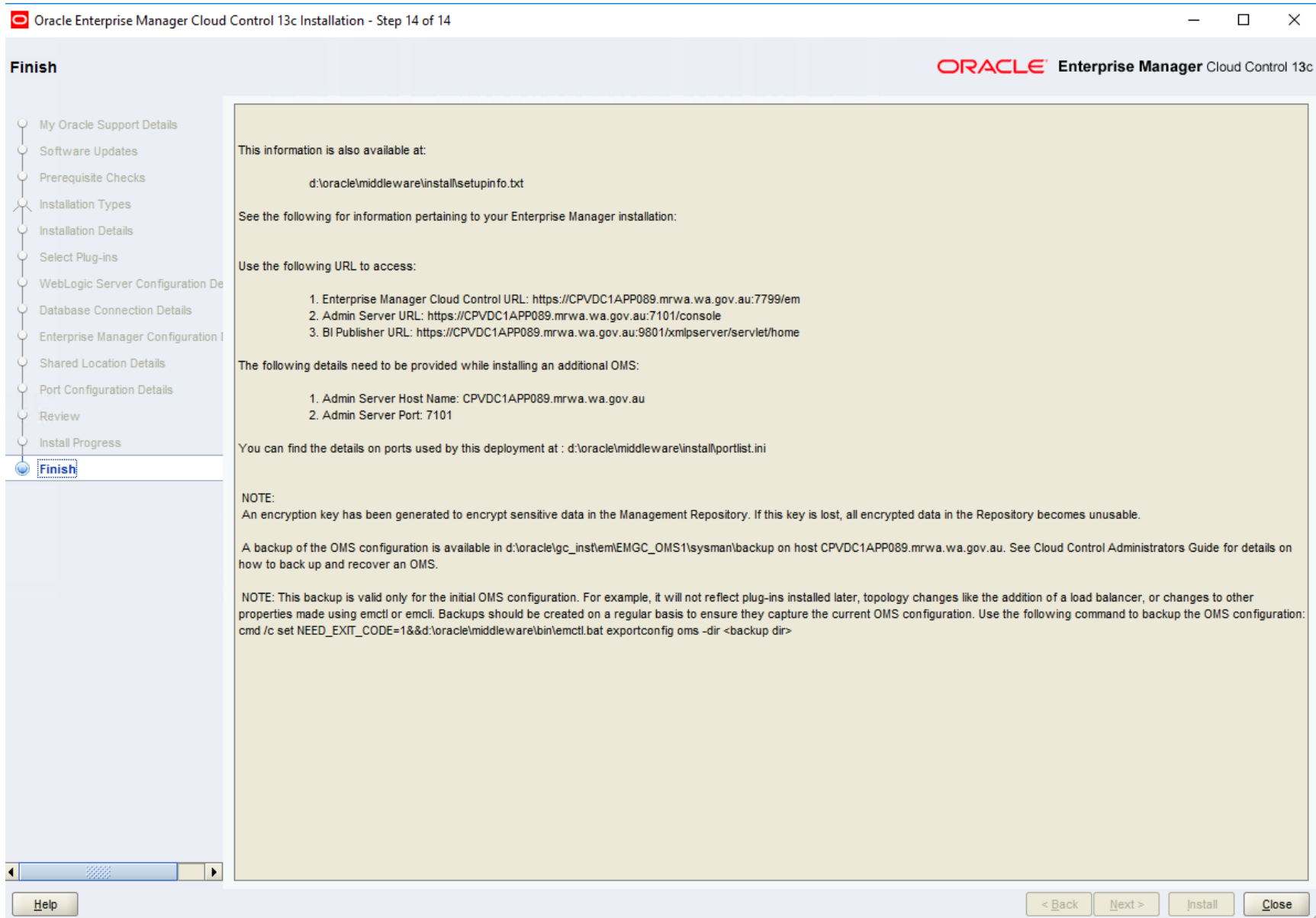
Detailed Status

Status	Step	Log Details
	Copy files	View Log
	Configure	
	Plugins Prerequisites Check	View Log
	Repository Configuration	View Log
	MDS Schema Configuration	View Log
	BI Publisher Schema Configuration	View Log
	OMS Configuration	View Log
	Plugins Deployment and Configuration	View Log
	BI Publisher Configuration	View Log
	Start Oracle Management Service	View Log
	Agent Configuration Assistant	View Log

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Install

Cancel



Patch EM Cloud Control 13c Release 4

Notes:

- Upgrade OMSPatcher to version **13.9.4.x**

```
d:\oracle\middleware\OMSPatcher>set ORACLE_HOME=d:\oracle\middleware
```

```
d:\oracle\middleware\OMSPatcher>omspatcher.bat version
```

```
OMSPatcher Version: 13.8.0.0.3
```

```
OPlan Version: 12.2.0.1.16
```

```
OsysModel build: Thu Oct 25 18:18:12 PDT 2018
```

```
OMSPatcher succeeded.
```

- ***EM 13c: How To Upgrade Enterprise Manager 13.4 Cloud Control OMSPatcher Utility to Version 13.9.4.1.0 (Doc ID 2646080.1)***
- Download Patch p**19999993**_134000_Generic.zip




Patch Search

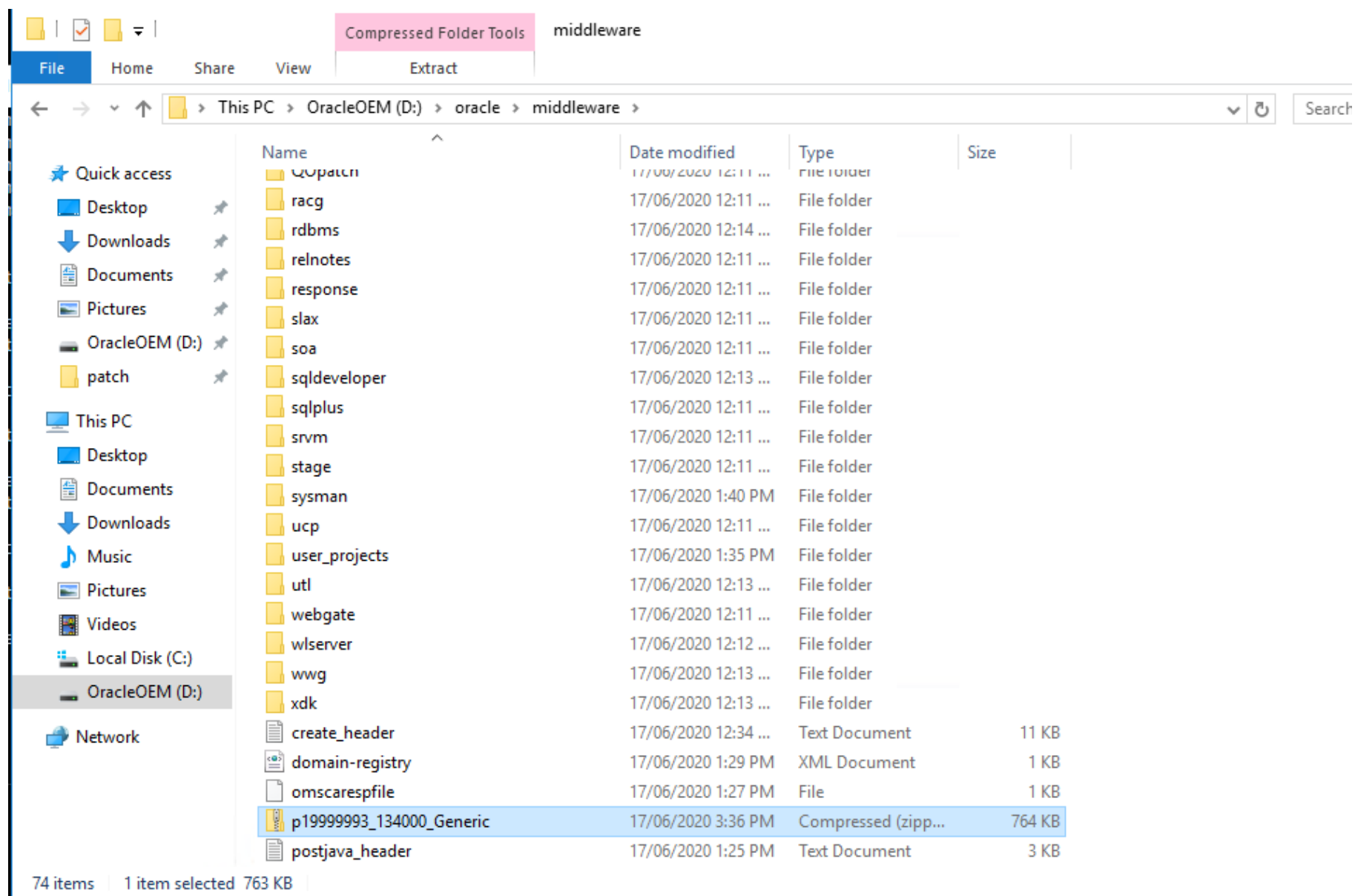
[Give Feedback...](#)

Patch Simple Search Results

Filters: Patch Name or Number is 19999993;

[Edit Search](#)

Table ▾	View ▾	 Detach	 Share Link							
Patch Name ▲ ▾	Description	Release	Platform (Language)	Recommended	Class	Product	 Updated	Size	Download Access	
19999993	OMSPatcher patch of version 13.9.4.0.0 for Enterprise Manager Cloud Control 13.4.0.0.0 (Patch) (Patch)	13.4.0.0.0	Generic Platform (American English)		Ger	Enterprise Manager Base Platform	1+ month ago	763.1 KB	Software	
19999993	OMSPatcher patch of version 13.8.0.0.3 for Enterprise Manager Cloud Control 13.3.0.0.0 (Patch)	13.3.0.0.0	Generic Platform (American English)		Ger	Enterprise Manager Base Platform	1+ year ago	715.0 KB	Software	



```
D:\>cd oracle
```

```
D:\oracle>cd middleware
```

```
D:\oracle\middleware>cd bin
```

```
D:\oracle\middleware\bin>emctl stop oms
```

Oracle Enterprise Manager Cloud Control 13c Release 4

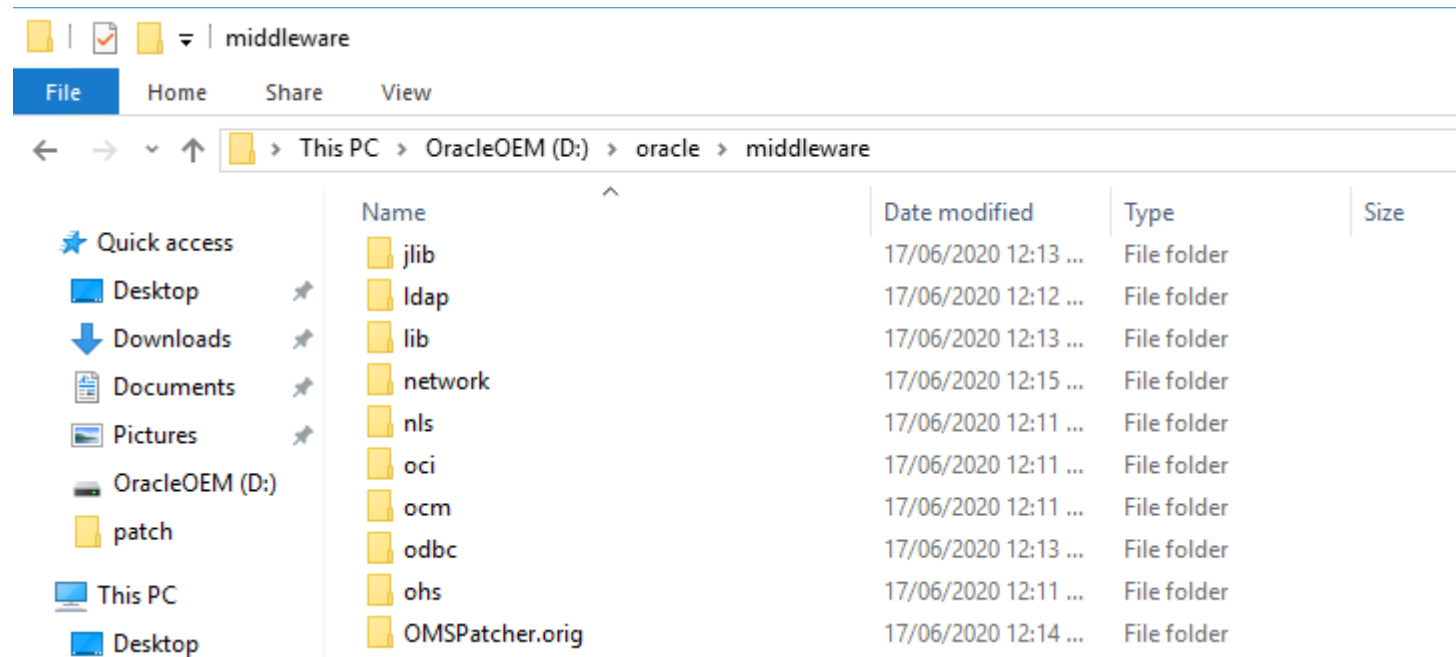
Copyright (c) 1996, 2020 Oracle Corporation. All rights reserved.

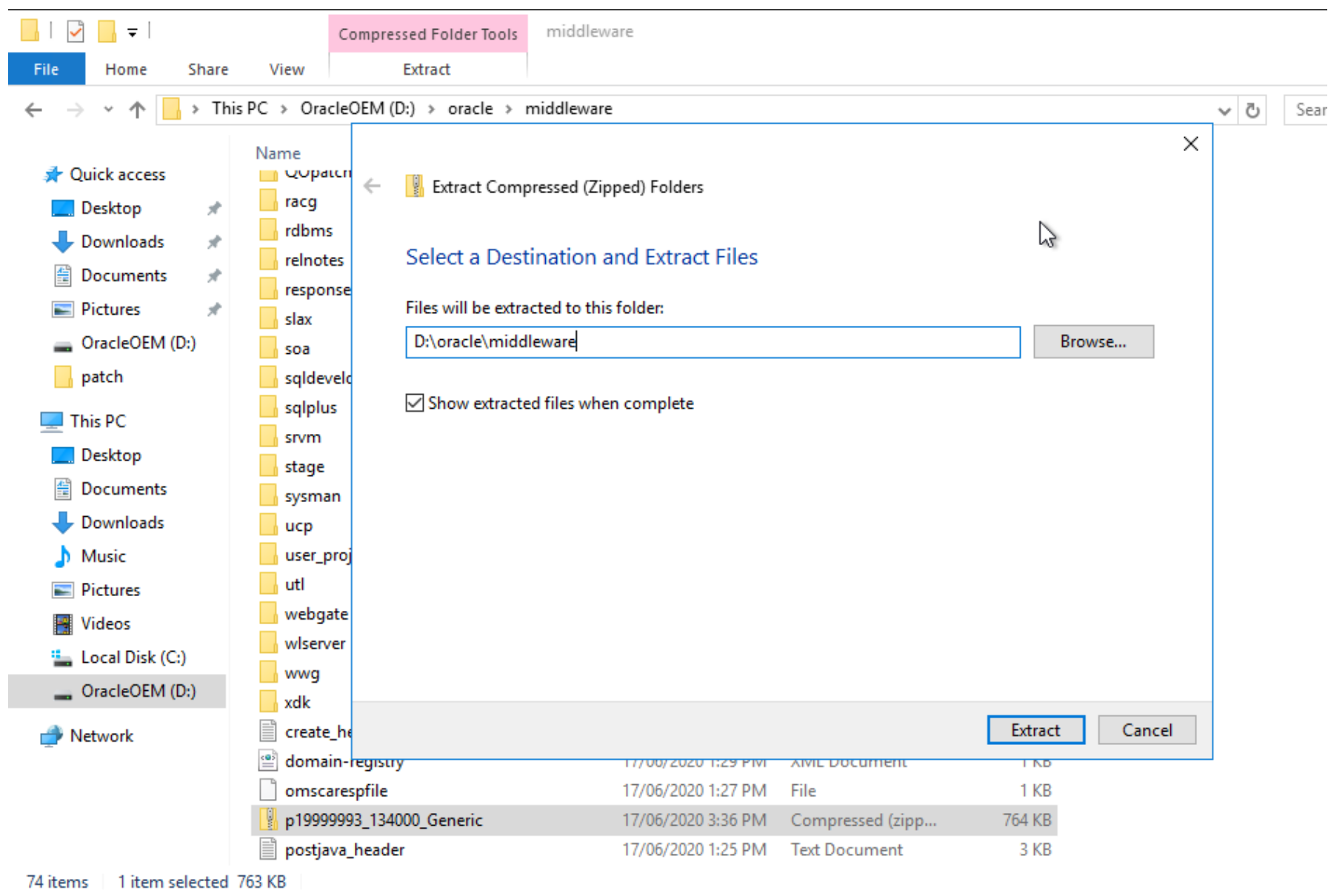
Stopping Oracle Management Server...

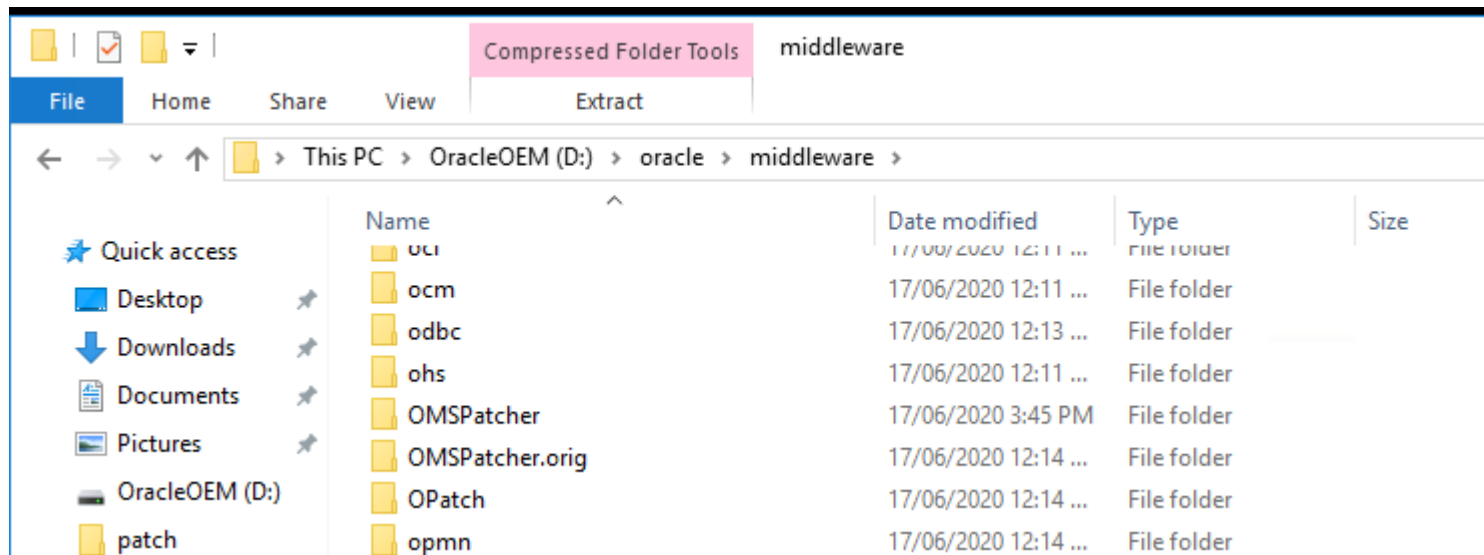
Oracle Management Server Successfully Stopped

Oracle Management Server is Down

JVMD Engine is Down







- **Master Note for Enterprise Manager Proactive Patch Program (Doc ID 822485.1)**
- **Enterprise Manager 13.4 Master Release Update List (Includes Plug-ins) (Doc ID 2647078.1)**

Table A: Most Current Release Update Patches for the EM 13.4 OMS (Including Monthly OMS, Agent and Plug-in Release Update

OMS Side Patches	Patch Numbers	Bug List Notes & Comments
* NEW: OMS 13.4 Release Update 13.4.0.3 (Last Updated: 02-JUN-2020)	13.4.0.3: OMS and OMS-Side Plug-in RU: Patch 31299359	The OMS Release Update (RU) patch is released monthly for the OMS subsystems and will replace the quarter PSU. Note 2676666.1 13.4.0.3 Enterprise Manager Cloud Control Base Platform Monthly Release Update (RU)

- **13.4.0.3 Enterprise Manager Cloud Control Base Platform Monthly Release Update (RU) (Doc ID 2676666.1)**

This RU 13.4.0.3 patches both the OMS and the OMS-side plug-ins.

[Patch 31299359](#)

This RU 13.4.0.3 should be installed on top of Enterprise Manager Base Platform 13.4.0.0

- **Enterprise Manager Cloud Control Management Agent 13.4 Release Update Bug List (Doc ID 2657051.1)**
- Oracle Enterprise Manager 13c Release 4 Platform Update 3 (13.4.0.3) for Oracle Management Agent (Patch) **p31270875_134000_Generic.zip**
- Apply patch **31299359**

D:\oracle\middleware\OMSPatcher>**set ORACLE_HOME=D:\oracle\middleware**

D:\oracle\middleware\OMSPatcher>**omspatcher.bat version**

CLASSPATH="D:\oracle\middleware\oracle_common\jdk\lib\tools.jar;d:\oracle\middleware\oracle_common\modules\features\cie
Cfg_cam_lib.jar;d:\oracle\middleware\wlsrserver\modules\features\wlst.wls.classpath.jar;"

PATH=";d:\oracle\middleware\wlsrserver\server\native\win\x64;d:\oracle\middleware\wlsrserver\server\bin;d:\oracle\middleware\orac
le_common\modules\thirdparty\org.apache.ant\1.9.8.0.0\apache-ant-
1.9.8\bin;d:\oracle\middleware\oracle_common\jdk\jre\bin;d:\oracle\middleware\oracle_common\jdk\bin;d:\oracle\middleware\wl
server\server\native\win\x64\oci920_8;C:\Windows\System32;C:\Windows;C:\Windows\System32\wbem;C:\Windows\System32\
WINDOW~1\v1.0\;C:\Users\C4600-
~1\AppData\Local\MICROS~1\WINDOW~1;d:\oracle\middleware\oracle_common\modules\org.apache.maven_3.2.5\bin"

Your environment has been set.

OMSPatcher Version: 13.9.4.1.0

OPlan Version: 12.2.0.1.16

OsysModel build: Thu Oct 25 18:18:12 PDT 2018

OMSPatcher succeeded.

d:\patch\31299359>**omspatcher apply -analyze**

CLASSPATH="D:\oracle\middleware\oracle_common\jdk\lib\tools.jar;d:\oracle\middleware\oracle_common\modules\features\cie
Cfg_cam_lib.jar;d:\oracle\middleware\wlsrserver\modules\features\wlst.wls.classpath.jar;"

PATH=";d:\oracle\middleware\wlsrserver\server\native\win\x64;d:\oracle\middleware\wlsrserver\server\bin;d:\oracle\middleware\orac
le_common\modules\thirdparty\org.apache.ant\1.9.8.0.0\apache-ant-
1.9.8\bin;d:\oracle\middleware\oracle_common\jdk\jre\bin;d:\oracle\middleware\oracle_common\jdk\bin;d:\oracle\middleware\wl
server\server\native\win\x64\oci920_8;d:\oracle\middleware\bin;d:\oracle\middleware\OMSPatcher;C:\Windows\System32;C:\Wi
ndows;C:\Windows\System32\wbem;C:\Windows\System32\WINDOW~1\v1.0\;C:\Users\C4600-
~1\AppData\Local\MICROS~1\WINDOW~1;d:\oracle\middleware\oracle_common\modules\org.apache.maven_3.2.5\bin"

Your environment has been set.
OMSPatcher Automation Tool
Copyright (c) 2017, Oracle Corporation. All rights reserved.

OMSPatcher version : 13.9.4.1.0
OUI version : 13.9.4.0.0
Running from : D:\oracle\middleware
Log file location : D:\oracle\middleware\cfgtoollogs\omspatcher\opatch2020-06-19_10-29-27AM_1.log

OMSPatcher log file: D:\oracle\middleware\cfgtoollogs\omspatcher\31299359\omspatcher_2020-06-19_10-29-33AM_analyze.log

Please enter OMS weblogic admin server URL(t3s://CPVDC1APP089.mrwa.wa.gov.au:7101):>
Please enter OMS weblogic admin server username(weblogic):>
Please enter OMS weblogic admin server password:>

WARNING: Could not apply the patch "30851078" because the "oracle.sysman.vt.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
WARNING: Could not apply the patch "31189032" because the "oracle.sysman.emct.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
WARNING: Could not apply the patch "31187677" because the "oracle.sysman.am.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
WARNING: Could not apply the patch "30851102" because the "oracle.sysman.vi.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
WARNING: Could not apply the patch "31187567" because the "oracle.sysman.bda.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "31140458" because the "oracle.sysman.ssa.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "31193101" because the "oracle.sysman.emfa.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

Configuration Validation: Success

Running apply prerequisite checks for sub-patch(es) "31187620,31187594,31187644,31187611,31187552" and Oracle Home "D:\oracle\middleware"...

Sub-patch(es) "31187620,31187594,31187644,31187611,31187552" are successfully analyzed for Oracle Home "D:\oracle\middleware"

Complete Summary

=====

All log file names referenced below can be accessed from the directory "D:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-19_10-29-27AM_SystemPatch_31299359_1"

Prerequisites analysis summary:

The following sub-patch(es) are applicable:

Featureset	Sub-patches	Log file
-----	-----	-----
oracle.sysman.top.oms	31187620,31187594,31187644,31187611,31187552	
	31187620,31187594,31187644,31187611,31187552_opatch	2020-06-19_10-29-32AM_1.log

The following sub-patches are incompatible with components installed in the OMS system:

30851078,31189032,31187677,30851102,31187567,31140458,31193101

The following warnings have occurred during OPatch execution:

- 1) Could not apply the patch "30851078" because the "oracle.sysman.vt.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 2) Could not apply the patch "31189032" because the "oracle.sysman.emct.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 3) Could not apply the patch "31187677" because the "oracle.sysman.am.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 4) Could not apply the patch "30851102" because the "oracle.sysman.vi.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 5) Could not apply the patch "31187567" because the "oracle.sysman.bda.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 6) Could not apply the patch "31140458" because the "oracle.sysman.ssa.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 7) Could not apply the patch "31193101" because the "oracle.sysman.emfa.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

OMSPatcher Session completed with warnings.

Log file location: D:\oracle\middleware\cfgtoollogs\omspatcher\31299359\omspatcher_2020-06-19_10-29-33AM_analyze.log

OMSPatcher completed with warnings.

d:\patch\31299359>

- **Patch apply fails with error code = 241**

```
d:\patch\31299359>omspatcher apply
```

```
CLASSPATH="D:\oracle\middleware\oracle_common\jdk\lib\tools.jar;d:\oracle\middleware\oracle_common\modules\features\cie  
Cfg_cam_lib.jar;d:\oracle\middleware\wlserver\modules\features\wlst.wls.classpath.jar;"
```

```
PATH=";d:\oracle\middleware\wlserver\server\native\win\x64;d:\oracle\middleware\wlserver\server\bin;d:\oracle\middleware\orac  
le_common\modules\thirdparty\org.apache.ant\1.9.8.0.0\apache-ant-  
1.9.8\bin;D:\oracle\middleware\oracle_common\jdk\jre\bin;D:\oracle\middleware\oracle_common\jdk\bin;d:\oracle\middleware\wl  
server\server\native\win\x64\oci920_8;D:\oracle\middleware\bin;D:\oracle\middleware\OMSPatcher;C:\Windows\System32;C:\Wi  
ndows;C:\Windows\System32\wbem;C:\Windows\System32\WINDOW~1\v1.0\;C:\Users\C4600-  
~1\AppData\Local\MICROS~1\WINDOW~1;d:\oracle\middleware\oracle_common\modules\org.apache.maven_3.2.5\bin"
```

Your environment has been set.

OMSPatcher Automation Tool

Copyright (c) 2017, Oracle Corporation. All rights reserved.

OMSPatcher version : 13.9.4.1.0

OUI version : 13.9.4.0.0

Running from : D:\oracle\middleware

Log file location : D:\oracle\middleware\cfgtoollogs\omspatcher\opatch2020-06-19_10-44-42AM_1.log

OMSPatcher log file: D:\oracle\middleware\cfgtoollogs\omspatcher\31299359\omspatcher_2020-06-19_10-44-47AM_deploy.log

Please enter OMS weblogic admin server URL(t3s://CPVDC1APP089.mrwa.wa.gov.au:7101):>

Please enter OMS weblogic admin server username(weblogic):>

Please enter OMS weblogic admin server password:>

WARNING: Could not apply the patch "30851078" because the "oracle.sysman.vt.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "31189032" because the "oracle.sysman.emct.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "31187677" because the "oracle.sysman.am.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "30851102" because the "oracle.sysman.vi.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "31187567" because the "oracle.sysman.bda.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "31140458" because the "oracle.sysman.ssa.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "31193101" because the "oracle.sysman.emfa.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

Configuration Validation: Success

Running prerequisite checks to verify if any files or services are locked by admin server process...

The details are:

Following active files are not used by opatch process :

D:\oracle\middleware\plugins\oracle.sysman.db.oms.plugin_13.4.1.0.0\archives\emDbInternalSDK.jar

Following active files are used by opatch process :

The details are:

Following active files are not used by opatch process :

D:\oracle\middleware\sysman\jlib\emCoreSDKImpl.jar

D:\oracle\middleware\sysman\jlib\emCoreConsole.jar

D:\oracle\middleware\jlib\emConfigInstall.jar
D:\oracle\middleware\sysman\jlib\emCoreCommon.jar
D:\oracle\middleware\sysman\jlib\emCorePBS.jar
D:\oracle\middleware\sysman\emcli\clientsideext\standardclientside.jar
D:\oracle\middleware\sysman\jlib\emcore_client.jar
D:\oracle\middleware\sysman\jlib\emCLI.jar
D:\oracle\middleware\sysman\jlib\emCoreSDK.jar
D:\oracle\middleware\bin\emCLI.jar
Following active files are used by opatch process :

Due to active files to be patched, OMSPatcher will stop all OMS processes so that lock on active files may be released...

Do you want to proceed? [y|n]

y

User Responded with: Y

OMSPatcher has stopped all OMS processes successfully.

OMSPatcher has stopped all OMS processes successfully. Please make sure the above listed active files are unlocked by all windows processes.

Do you want to proceed? [y|n]

y

User Responded with: Y

Running apply prerequisite checks for sub-patch(es) "31187620,31187594,31187644,31187611,31187552" and Oracle Home "D:\oracle\middleware"...

To continue, OMSPatcher will do the following:

[Patch and deploy artifacts] : Apply sub-patch(es) [31187552 31187594 31187611 31187620 31187644]

Apply RCU artifact with patch

"D:\oracle\middleware\omspatcher_storage\31187552_May_25_2020_02_21_40\original_patch";

Apply RCU artifact with patch

"D:\oracle\middleware\omspatcher_storage\31187611_May_25_2020_02_46_05\original_patch";

Apply RCU artifact with patch

"D:\oracle\middleware\omspatcher_storage\31187620_May_25_2020_02_46_16\original_patch";

Apply RCU artifact with patch

"D:\oracle\middleware\omspatcher_storage\31187644_May_25_2020_02_46_34\original_patch";

Apply RCU artifact with patch

"D:\oracle\middleware\omspatcher_storage\31187594_May_25_2020_02_47_17\original_patch";

Register MRS artifact "commands";

Register MRS artifact "procedures";

Register MRS artifact "swlib";

Register MRS artifact "targetType";

Register MRS artifact "storeTargetType";

Register MRS artifact "default_collection";

Register MRS artifact "omsPropertyDef";

Register MRS artifact "jobTypes";

Register MRS artifact "systemStencil";

Register MRS artifact "gccompliance"

Do you want to proceed? [y|n]

y

User Responded with: Y

Applying sub-patch(es) "31187552,31187594,31187611,31187620,31187644"

Please monitor log file: D:\oracle\middleware\cfgtoollogs\opatch\opatch2020-06-19_10-44-47AM_1.log

OMSPatcher failed to apply following patch(es) "31187552" "31187594" "31187611" "31187620" "31187644" to core/plugin Oracle home(s).

To complete the session, please execute the following step(s):

Step 1. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":

```
echo D:\patch\31299359\31187552 >> D:\oracle\middleware\phBaseFile2020-06-19_10-44-42AM.txt
```

```
echo D:\patch\31299359\31187594 >> D:\oracle\middleware\phBaseFile2020-06-19_10-44-42AM.txt
```

```
echo D:\patch\31299359\31187611 >> D:\oracle\middleware\phBaseFile2020-06-19_10-44-42AM.txt
```

```
echo D:\patch\31299359\31187620 >> D:\oracle\middleware\phBaseFile2020-06-19_10-44-42AM.txt
```

```
echo D:\patch\31299359\31187644 >> D:\oracle\middleware\phBaseFile2020-06-19_10-44-42AM.txt
```

```
D:\oracle\middleware\OPatch\opatch napply -phBaseFile D:\oracle\middleware\phBaseFile2020-06-19_10-44-42AM.txt -oh  
D:\oracle\middleware -silent
```

```
rm D:\oracle\middleware\phBaseFile2020-06-19_10-44-42AM.txt
```

```
mkdir -p D:\oracle\middleware\omspatcher_storage\31187552_May_25_2020_02_21_40; cp -Rf  
D:\oracle\middleware\patch_storage\31187552_May_25_2020_02_21_40\original_patch  
D:\oracle\middleware\omspatcher_storage\31187552_May_25_2020_02_21_40
```

```
mkdir -p D:\oracle\middleware\omspatcher_storage\31187594_May_25_2020_02_47_17; cp -Rf  
D:\oracle\middleware\patch_storage\31187594_May_25_2020_02_47_17\original_patch  
D:\oracle\middleware\omspatcher_storage\31187594_May_25_2020_02_47_17
```

```
mkdir -p D:\oracle\middleware\omspatcher_storage\31187611_May_25_2020_02_46_05; cp -Rf  
D:\oracle\middleware\patch_storage\31187611_May_25_2020_02_46_05\original_patch  
D:\oracle\middleware\omspatcher_storage\31187611_May_25_2020_02_46_05
```

```
mkdir -p D:\oracle\middleware\omspatcher_storage\31187620_May_25_2020_02_46_16; cp -Rf  
D:\oracle\middleware\patch_storage\31187620_May_25_2020_02_46_16\original_patch  
D:\oracle\middleware\omspatcher_storage\31187620_May_25_2020_02_46_16
```

```
mkdir -p D:\oracle\middleware\omspatcher_storage\31187644_May_25_2020_02_46_34; cp -Rf  
D:\oracle\middleware\patch_storage\31187644_May_25_2020_02_46_34\original_patch  
D:\oracle\middleware\omspatcher_storage\31187644_May_25_2020_02_46_34
```

Step 2. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\BIN\emctl.bat applypatch repos -patchHome
D:\oracle\middleware\omspatcher_storage\31187552_May_25_2020_02_21_40\original_patch

Step 3. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\BIN\emctl.bat applypatch repos -patchHome
D:\oracle\middleware\omspatcher_storage\31187611_May_25_2020_02_46_05\original_patch -pluginHome
D:\oracle\middleware\plugins\oracle.sysman.emas.oms.plugin_13.4.1.0.0

Step 4. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\BIN\emctl.bat applypatch repos -patchHome
D:\oracle\middleware\omspatcher_storage\31187620_May_25_2020_02_46_16\original_patch -pluginHome
D:\oracle\middleware\plugins\oracle.sysman.xa.oms.plugin_13.4.1.0.0

Step 5. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\BIN\emctl.bat applypatch repos -patchHome
D:\oracle\middleware\omspatcher_storage\31187644_May_25_2020_02_46_34\original_patch -pluginHome
D:\oracle\middleware\plugins\oracle.sysman.si.oms.plugin_13.4.1.0.0

Step 6. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\BIN\emctl.bat applypatch repos -patchHome
D:\oracle\middleware\omspatcher_storage\31187594_May_25_2020_02_47_17\original_patch -pluginHome
D:\oracle\middleware\plugins\oracle.sysman.db.oms.plugin_13.4.1.0.0

Step 7. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":

D:\oracle\middleware\bin\emctl.bat register oms metadata -service commands -file_list
D:\oracle\middleware\omspatcher_storage\commands_oracle.sysman.db.txt -pluginId oracle.sysman.db

Step 8. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service procedures -file_list
D:\oracle\middleware\omspatcher_storage\procedures_core.txt -core

Step 9. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service procedures -file_list
D:\oracle\middleware\omspatcher_storage\procedures_oracle.sysman.db.txt -pluginId oracle.sysman.db

Step 10. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service swlib -file_list
D:\oracle\middleware\omspatcher_storage\swlib_core.txt -core

Step 11. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service swlib -file_list
D:\oracle\middleware\omspatcher_storage\swlib_oracle.sysman.db.txt -pluginId oracle.sysman.db

Step 12. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service targetType -file_list
D:\oracle\middleware\omspatcher_storage\targetType_core.txt -core

Step 13. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service targetType -file_list
D:\oracle\middleware\omspatcher_storage\targetType_oracle.sysman.emas.txt -pluginId oracle.sysman.emas

Step 14. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service targetType -file_list
D:\oracle\middleware\omspatcher_storage\targetType_oracle.sysman.si.txt -pluginId oracle.sysman.si

Step 15. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service targetType -file_list
D:\oracle\middleware\omspatcher_storage\targetType_oracle.sysman.db.txt -pluginId oracle.sysman.db

Step 16. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":

D:\oracle\middleware\bin\emctl.bat register oms metadata -service storeTargetType -file_list

D:\oracle\middleware\omspatcher_storage\storeTargetType_core.txt -core

Step 17. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":

D:\oracle\middleware\bin\emctl.bat register oms metadata -service storeTargetType -file_list

D:\oracle\middleware\omspatcher_storage\storeTargetType_oracle.sysman.emas.txt -pluginId oracle.sysman.emas

Step 18. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":

D:\oracle\middleware\bin\emctl.bat register oms metadata -service storeTargetType -file_list

D:\oracle\middleware\omspatcher_storage\storeTargetType_oracle.sysman.si.txt -pluginId oracle.sysman.si

Step 19. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":

D:\oracle\middleware\bin\emctl.bat register oms metadata -service storeTargetType -file_list

D:\oracle\middleware\omspatcher_storage\storeTargetType_oracle.sysman.db.txt -pluginId oracle.sysman.db

Step 20. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":

D:\oracle\middleware\bin\emctl.bat register oms metadata -service default_collection -file_list

D:\oracle\middleware\omspatcher_storage\default_collection_core.txt -core

Step 21. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":

D:\oracle\middleware\bin\emctl.bat register oms metadata -service default_collection -file_list

D:\oracle\middleware\omspatcher_storage\default_collection_oracle.sysman.emas.txt -pluginId oracle.sysman.emas

Step 22. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":

D:\oracle\middleware\bin\emctl.bat register oms metadata -service default_collection -file_list

D:\oracle\middleware\omspatcher_storage\default_collection_oracle.sysman.si.txt -pluginId oracle.sysman.si

Step 23. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":

D:\oracle\middleware\bin\emctl.bat register oms metadata -service default_collection -file_list

D:\oracle\middleware\omspatcher_storage\default_collection_oracle.sysman.db.txt -pluginId oracle.sysman.db

Step 24. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":

D:\oracle\middleware\bin\emctl.bat register oms metadata -service omsPropertyDef -file_list

D:\oracle\middleware\omspatcher_storage\omsPropertyDef_oracle.sysman.xa.txt -pluginId oracle.sysman.xa

Step 25. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service omsPropertyDef -file_list
D:\oracle\middleware\omspatcher_storage\omsPropertyDef_oracle.sysman.db.txt -pluginId oracle.sysman.db

Step 26. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service jobTypes -file_list
D:\oracle\middleware\omspatcher_storage\jobTypes_core.txt -core

Step 27. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service jobTypes -file_list
D:\oracle\middleware\omspatcher_storage\jobTypes_oracle.sysman.db.txt -pluginId oracle.sysman.db

Step 28. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service systemStencil -file_list
D:\oracle\middleware\omspatcher_storage\systemStencil_core.txt -core

Step 29. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service systemStencil -file_list
D:\oracle\middleware\omspatcher_storage\systemStencil_oracle.sysman.db.txt -pluginId oracle.sysman.db

Step 30. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\bin\emctl.bat register oms metadata -service gccompliance -file_list
D:\oracle\middleware\omspatcher_storage\gccompliance_oracle.sysman.db.txt -pluginId oracle.sysman.db

Step 31. On host CPVDC1APP089.mrwa.wa.gov.au run below command(s) as user "BUILTIN\Administrators":
D:\oracle\middleware\OMSPatcher\omspatcher commit -id 31187552 -oh D:\oracle\middleware

Complete Summary
=====

All log file names referenced below can be accessed from the directory "D:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-19_10-44-42AM_SystemPatch_31299359_1"

Patching summary:

The following sub-patch(es) are applicable:

Featureset	Sub-patches	Log file
-----	-----	-----
oracle.sysman.top.oms	31187620,31187594,31187644,31187611,31187552	
	31187552,31187594,31187611,31187620,31187644	opatch2020-06-19_10-44-47AM_1.log

Binaries of the following sub-patch(es) failed to get applied:

Featureset	Sub-patches	Log file
-----	-----	-----
oracle.sysman.top.oms_13.4.0.0.0	31187552,31187594,31187611,31187620,31187644	
	31187552,31187594,31187611,31187620,31187644	opatch2020-06-19_10-44-47AM_1.log

The following sub-patches are incompatible with components installed in the OMS system:

30851078,31189032,31187677,30851102,31187567,31140458,31193101

[Error during Patch and deploy artifacts Phase]. Detail: OMSPatcher failed to apply some of the patches to the OMS instance home(s).

OMSPatcher failed: OMSPatcher failed to execute some of the OMS operations. Please refer log file(s) for details.

The following warnings have occurred during OPatch execution:

- 1) Could not apply the patch "30851078" because the "oracle.sysman.vt.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 2) Could not apply the patch "31189032" because the "oracle.sysman.emct.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

- 3) Could not apply the patch "31187677" because the "oracle.sysman.am.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 4) Could not apply the patch "30851102" because the "oracle.sysman.vi.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 5) Could not apply the patch "31187567" because the "oracle.sysman.bda.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 6) Could not apply the patch "31140458" because the "oracle.sysman.ssa.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 7) Could not apply the patch "31193101" because the "oracle.sysman.emfa.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

Log file location: D:\oracle\middleware\cfgtoollogs\omspatcher\31299359\omspatcher_2020-06-19_10-44-47AM_deploy.log

Recommended actions: Please refer log file(s) for more details on the errors. Please contact Oracle Support.

OMSPatcher failed with error code = 241

- **Solution**

Stop OMS

```
D:\patch\p31299359_134000_Generic\31299359>emctl stop oms -all
Oracle Enterprise Manager Cloud Control 13c Release 4
Copyright (c) 1996, 2020 Oracle Corporation. All rights reserved.
Stopping Oracle Management Server...
WebTier Successfully Stopped
Oracle Management Server Already Stopped
Oracle Management Server is Down
```

JVMD Engine is Down
Stopping BI Publisher Server...
BI Publisher Server Successfully Stopped
AdminServer Successfully Stopped
BI Publisher Server is Down

From another windows start Weblogic from command line

```
C:\Windows\system32>cd D:\oracle\gc_inst\user_projects\domains\GCDomain\bin

C:\Windows\system32>d:

D:\oracle\gc_inst\user_projects\domains\GCDomain\bin>startWeblogic.cmd
.
.
JAVA Memory arguments: -Xms256m -Xmx1024m
.
CLASSPATH=D:\oracle\middleware\oracle_common\modules\features\com.oracle.db.jdbc7-dms.jar;D:\oracle\middleware\oracle_common\jdk\lib\tools.jar;D:\oracle\middleware\wlserver\server\lib\weblogic.jar;D:\oracle\middleware\oracle_common\modules\thirdparty\ant-contrib-1.0b3.jar;D:\oracle\middleware\wlserver\modules\features\oracle.wls.common.nodemanager.jar;D:\oracle\middleware\wlserver\..\oracle_common\modules\thirdparty\features\commons-configuration2.jar;D:\oracle\middleware\wlserver\..\oracle_common\modules\thirdparty\features\commons-lang3.jar;D:\oracle\middleware\wlserver\..\oracle_common\modules\thirdparty\features\commons-logging.jar;D:\oracle\middleware\wlserver\..\oracle_common\modules\thirdparty\features\commons-beanutils.jar;D:\oracle\middleware\oracle_common\modules\internal\features\jrf_wlsFmw_oracle.jrf.wls.classpath.jar;D:\oracle\middleware\wlserver\common\derby\lib\derbynet.jar;D:\oracle\middleware\wlserver\common\derby\lib\derbyclient.jar;D:\oracle\middleware\wlserver\common\derby\lib\derby.jar
.
PATH=D:\oracle\gc_inst\user_projects\domains\GCDomain\bin;;D:\oracle\middleware\wlserver\server\native\win\x64;D:\oracle\middleware\wlserver\server\bin;D:\oracle\middleware\oracle_common\modules\thirdparty\org.apache.ant\1.9.8.0.0\apache-ant-1.9.8\bin;D:\oracle\middleware\oracle_common\jdk\jre\bin;D:\oracle\middleware\oracle_common\jdk\bin;D:\oracle\middleware\wlserver\server\native\win\x64\oci920_8;C:\Windows\System32;C:\Windows;C:\Windows\System32\wbem;C:\Windows\System32\WindowsPowerShell\v1.0;C:\Users\C4600~1\AppData\Local\MICROS~1\WINDOW~1
.
*****
* To start WebLogic Server, use a username and *
*****
```

- Apply patch 31299359

D:\patch\p31299359_134000_Generic\31299359>**omspatcher apply**

CLASSPATH="D:\oracle\middleware\oracle_common\jdk\lib\tools.jar;d:\oracle\middleware\oracle_common\modules\features\cie
Cfg_cam_lib.jar;d:\oracle\middleware\wlserver\modules\features\wlst.wls.classpath.jar;"

PATH=";d:\oracle\middleware\wlserver\server\native\win\x64;d:\oracle\middleware\wlserver\server\bin;d:\oracle\middleware\orac
le_common\modules\thirdparty\org.apache.ant\1.9.8.0.0\apache-ant-
1.9.8\bin;D:\oracle\middleware\oracle_common\jdk\jre\bin;D:\oracle\middleware\oracle_common\jdk\bin;d:\oracle\middleware\wl
server\server\native\win\x64\oci920_8;d:\oracle\middleware\oracle_common\jdk\bin;d:\oracle\middleware\bin;d:\oracle\middlewa
re\OMSPatcher;C:\Windows\System32;C:\Windows;C:\Windows\System32\wbem;C:\Windows\System32\WINDOW~1\v1.0;C:\
Users\C4600-
~1\AppData\Local\MICROS~1\WINDOW~1;d:\oracle\middleware\oracle_common\modules\org.apache.maven_3.2.5\bin"

Your environment has been set.

OMSPatcher Automation Tool

Copyright (c) 2017, Oracle Corporation. All rights reserved.

OMSPatcher version : 13.9.4.1.0

OUI version : 13.9.4.0.0

Running from : d:\oracle\middleware

Log file location : d:\oracle\middleware\cfgtoollogs\omspatcher\opatch2020-06-24_12-02-58PM_1.log

OMSPatcher log file: d:\oracle\middleware\cfgtoollogs\omspatcher\31299359\omspatcher_2020-06-24_12-03-04PM_deploy.log

Please enter OMS weblogic admin server URL(t3s://CPVDC1APP089.mrwa.wa.gov.au:7101):>

Please enter OMS weblogic admin server username(weblogic):>

Please enter OMS weblogic admin server password:>

WARNING: Could not apply the patch "30851078" because the "oracle.sysman.vt.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "31189032" because the "oracle.sysman.emct.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "31187677" because the "oracle.sysman.am.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "30851102" because the "oracle.sysman.vi.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "31187567" because the "oracle.sysman.bda.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "31140458" because the "oracle.sysman.ssa.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

WARNING: Could not apply the patch "31193101" because the "oracle.sysman.emfa.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

Configuration Validation: Success

Running prerequisite checks to verify if any files or services are locked by admin server process...

Running apply prerequisite checks for sub-patch(es) "31187620,31187594,31187644,31187611,31187552" and Oracle Home "d:\oracle\middleware"...

Sub-patch(es) "31187620,31187594,31187644,31187611,31187552" are successfully analyzed for Oracle Home "d:\oracle\middleware"

To continue, OMSPatcher will do the following:

[Patch and deploy artifacts] : Apply sub-patch(es) [31187552 31187594 31187611 31187620 31187644]

Apply RCU artifact with patch

"d:\oracle\middleware\omspatcher_storage\31187552_May_25_2020_02_21_40\original_patch";

Apply RCU artifact with patch

"d:\oracle\middleware\omspatcher_storage\31187611_May_25_2020_02_46_05\original_patch";

```
Apply RCU artifact with patch
"d:\oracle\middleware\omspatcher_storage\31187620_May_25_2020_02_46_16\original_patch";
Apply RCU artifact with patch
"d:\oracle\middleware\omspatcher_storage\31187644_May_25_2020_02_46_34\original_patch";
Apply RCU artifact with patch
"d:\oracle\middleware\omspatcher_storage\31187594_May_25_2020_02_47_17\original_patch";
Register MRS artifact "commands";
Register MRS artifact "procedures";
Register MRS artifact "swlib";
Register MRS artifact "targetType";
Register MRS artifact "storeTargetType";
Register MRS artifact "default_collection";
Register MRS artifact "omsPropertyDef";
Register MRS artifact "jobTypes";
Register MRS artifact "systemStencil";
Register MRS artifact "gccompliance"
```

Do you want to proceed? [y|n]

y

User Responded with: Y

Applying sub-patch(es) "31187552,31187594,31187611,31187620,31187644"

Please monitor log file: d:\oracle\middleware\cfgtoollogs\opatch\opatch2020-06-24_12-03-03PM_1.log

Updating repository with RCU reference file

"d:\oracle\middleware\omspatcher_storage\31187552_May_25_2020_02_21_40\original_patch"

Updating repository with RCU reference file

"d:\oracle\middleware\omspatcher_storage\31187611_May_25_2020_02_46_05\original_patch" for plugin home

"d:\oracle\middleware\plugins\oracle.sysman.emas.oms.plugin_13.4.1.0.0"

Updating repository with RCU reference file

"d:\oracle\middleware\omspatcher_storage\31187620_May_25_2020_02_46_16\original_patch" for plugin home

"d:\oracle\middleware\plugins\oracle.sysman.xa.oms.plugin_13.4.1.0.0"

Updating repository with RCU reference file

"d:\oracle\middleware\omspatcher_storage\31187644_May_25_2020_02_46_34\original_patch" for plugin home

"d:\oracle\middleware\plugins\oracle.sysman.si.oms.plugin_13.4.1.0.0"

Updating repository with RCU reference file

"d:\oracle\middleware\omspatcher_storage\31187594_May_25_2020_02_47_17\original_patch" for plugin home

"d:\oracle\middleware\plugins\oracle.sysman.db.oms.plugin_13.4.1.0.0"

Registering service "commands" with register file

"d:\oracle\middleware\plugins\oracle.sysman.db.oms.plugin_13.4.1.0.0\metadata\commands\commands.xml" for plugin id as "oracle.sysman.db"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-

58PM_SystemPatch_31299359_1\emctl_register_commands_2020-06-24_12-11-33PM.log

Registering service "procedures" with register file

"d:\oracle\middleware\sysman\metadata\procedures\internalsdk\PatchOracleHome.xml" for plugin id as "core"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-

58PM_SystemPatch_31299359_1\emctl_register_procedures_2020-06-24_12-11-38PM.log

Registering service "procedures" with register file

"d:\oracle\middleware\plugins\oracle.sysman.db.oms.plugin_13.4.1.0.0\metadata\procedures\SoftMaintPatchsetUpgrade.xml" for plugin id as "oracle.sysman.db"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-

58PM_SystemPatch_31299359_1\emctl_register_procedures_2020-06-24_12-11-43PM.log

Registering service "swlib" with register file "d:\oracle\middleware\sysman\metadata\swlib\multioms" for plugin id as "core"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-

58PM_SystemPatch_31299359_1\emctl_register_swlib_2020-06-24_12-11-51PM.log

Registering service "swlib" with register file
"d:\oracle\middleware\plugins\oracle.sysman.db.oms.plugin_13.4.1.0.0\metadata\swlib\dbconsolidation" for plugin id as
"oracle.sysman.db"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_swlib_2020-06-24_12-12-01PM.log

Registering service "targetType" with register file
"d:\oracle\middleware\sysman\builtinplugins\oracle.sysman.emrep\metadata\targetType\oracle_emrep.xml" for plugin id as
"core"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_targetType_2020-06-24_12-12-14PM.log

Registering service "targetType" with register file
"d:\oracle\middleware\plugins\oracle.sysman.emas.oms.plugin_13.4.1.0.0\metadata\targetType\oracle_coherence_node.xml" for
plugin id as "oracle.sysman.emas"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_targetType_2020-06-24_12-12-49PM.log

Registering service "targetType" with register file
"d:\oracle\middleware\plugins\oracle.sysman.si.oms.plugin_13.4.1.0.0\metadata\targetType\virtualization\oracle_si_virtual_platfo
rm_map.xml" for plugin id as "oracle.sysman.si"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_targetType_2020-06-24_12-13-00PM.log

Registering service "targetType" with register file
"d:\oracle\middleware\plugins\oracle.sysman.db.oms.plugin_13.4.1.0.0\patched_metadata\13.4.1.0.0\targetType\31187594\rac_
database.xml" for plugin id as "oracle.sysman.db"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_targetType_2020-06-24_12-14-25PM.log

Registering service "storeTargetType" with register file
"d:\oracle\middleware\sysman\builtinplugins\oracle.sysman.emrep\metadata\targetType\oracle_emrep.xml" for plugin id as
"core"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-
58PM_SystemPatch_31299359_1\emctl_register_storeTargetType_2020-06-24_12-17-43PM.log

Registering service "storeTargetType" with register file
"d:\oracle\middleware\plugins\oracle.sysman.emas.oms.plugin_13.4.1.0.0\metadata\targetType\oracle_coherence_node.xml" for
plugin id as "oracle.sysman.emas"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-
58PM_SystemPatch_31299359_1\emctl_register_storeTargetType_2020-06-24_12-17-50PM.log

Registering service "storeTargetType" with register file
"d:\oracle\middleware\plugins\oracle.sysman.si.oms.plugin_13.4.1.0.0\metadata\targetType\virtualization\oracle_si_virtual_platfo
rm_map.xml" for plugin id as "oracle.sysman.si"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-
58PM_SystemPatch_31299359_1\emctl_register_storeTargetType_2020-06-24_12-17-55PM.log

Registering service "storeTargetType" with register file
"d:\oracle\middleware\plugins\oracle.sysman.db.oms.plugin_13.4.1.0.0\metadata\targetType\oracle_pdb.xml" for plugin id as
"oracle.sysman.db"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-
58PM_SystemPatch_31299359_1\emctl_register_storeTargetType_2020-06-24_12-18-06PM.log

Registering service "default_collection" with register file
"d:\oracle\middleware\sysman\builtinplugins\oracle.sysman.emrep\metadata\default_collection\oracle_emrep.xml" for plugin id
as "core"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-
58PM_SystemPatch_31299359_1\emctl_register_default_collection_2020-06-24_12-18-14PM.log

Registering service "default_collection" with register file
"d:\oracle\middleware\plugins\oracle.sysman.emas.oms.plugin_13.4.1.0.0\metadata\default_collection\oracle_coherence_node.xml" for plugin id as "oracle.sysman.emas"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_default_collection_2020-06-24_12-18-26PM.log

Registering service "default_collection" with register file
"d:\oracle\middleware\plugins\oracle.sysman.si.oms.plugin_13.4.1.0.0\metadata\default_collection\virtualization\oracle_si_virtual_platform_map.xml" for plugin id as "oracle.sysman.si"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_default_collection_2020-06-24_12-18-35PM.log

Registering service "default_collection" with register file
"d:\oracle\middleware\plugins\oracle.sysman.db.oms.plugin_13.4.1.0.0\metadata\default_collection\cluster.xml" for plugin id as "oracle.sysman.db"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_default_collection_2020-06-24_12-19-17PM.log

Registering service "omsPropertyDef" with register file
"d:\oracle\middleware\plugins\oracle.sysman.xa.oms.plugin_13.4.1.0.0\metadata\omsProperties\definition\oracle.sysman.xa.xml" for plugin id as "oracle.sysman.xa"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_omsPropertyDef_2020-06-24_12-19-59PM.log

Registering service "omsPropertyDef" with register file
"d:\oracle\middleware\plugins\oracle.sysman.db.oms.plugin_13.4.1.0.0\metadata\omsProperties\definition\DBPropDefinition.xml" for plugin id as "oracle.sysman.db"...

Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_omsPropertyDef_2020-06-24_12-20-05PM.log

Registering service "jobTypes" with register file
"d:\oracle\middleware\sysman\metadata\jobTypes\linuxpatch\UpdateHostPackages.xml" for plugin id as "core"...
Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_jobTypes_2020-06-24_12-20-11PM.log

Registering service "jobTypes" with register file
"d:\oracle\middleware\plugins\oracle.sysman.db.oms.plugin_13.4.1.0.0\metadata\jobTypes\StatspackPurge.xml" for plugin id as "oracle.sysman.db"...
Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_jobTypes_2020-06-24_12-20-18PM.log

Registering service "systemStencil" with register file
"d:\oracle\middleware\sysman\builtinplugins\oracle.sysman.emrep\metadata\systemStencil\emSystemStencil.xml" for plugin id as "core"...
Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_systemStencil_2020-06-24_12-20-26PM.log

Registering service "systemStencil" with register file
"d:\oracle\middleware\plugins\oracle.sysman.db.oms.plugin_13.4.1.0.0\metadata\systemStencil\cluster.xml" for plugin id as "oracle.sysman.db"...
Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_systemStencil_2020-06-24_12-20-31PM.log

Registering service "gccompliance" with register file
"d:\oracle\middleware\plugins\oracle.sysman.db.oms.plugin_13.4.1.0.0\metadata\gccompliance\stig12c.xml" for plugin id as "oracle.sysman.db"...
Please monitor log file: d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1\emctl_register_gccompliance_2020-06-24_12-20-37PM.log

Complete Summary

=====

All log file names referenced below can be accessed from the directory "d:\oracle\middleware\cfgtoollogs\omspatcher\2020-06-24_12-02-58PM_SystemPatch_31299359_1"

Patching summary:

Binaries of the following sub-patch(es) have been applied successfully:

Featureset	Sub-patches	Log file
-----	-----	-----
oracle.sysman.top.oms_13.4.0.0.0	31187552,31187594,31187611,31187620,31187644	
	31187552,31187594,31187611,31187620,31187644_opatch2020-06-24_12-03-03PM_1.log	

The following sub-patches are incompatible with components installed in the OMS system:
30851078,31189032,31187677,30851102,31187567,31140458,31193101

Deployment summary:

The following artifact(s) have been successfully deployed:

Artifacts	Log file
-----	-----
SQL	rcu_applypatch_original_patch_2020-06-24_12-07-42PM.log
SQL	rcu_applypatch_original_patch_2020-06-24_12-10-25PM.log
SQL	rcu_applypatch_original_patch_2020-06-24_12-10-41PM.log
SQL	rcu_applypatch_original_patch_2020-06-24_12-10-58PM.log
SQL	rcu_applypatch_original_patch_2020-06-24_12-11-15PM.log
MRS-commands	emctl_register_commands_2020-06-24_12-11-33PM.log

MRS-procedures	emctl_register_procedures_2020-06-24_12-11-38PM.log
MRS-procedures	emctl_register_procedures_2020-06-24_12-11-43PM.log
MRS-swlib	emctl_register_swlib_2020-06-24_12-11-51PM.log
MRS-swlib	emctl_register_swlib_2020-06-24_12-12-01PM.log
MRS-targetType	emctl_register_targetType_2020-06-24_12-12-14PM.log
MRS-targetType	emctl_register_targetType_2020-06-24_12-12-49PM.log
MRS-targetType	emctl_register_targetType_2020-06-24_12-13-00PM.log
MRS-targetType	emctl_register_targetType_2020-06-24_12-14-25PM.log
MRS-storeTargetType	emctl_register_storeTargetType_2020-06-24_12-17-43PM.log
MRS-storeTargetType	emctl_register_storeTargetType_2020-06-24_12-17-50PM.log
MRS-storeTargetType	emctl_register_storeTargetType_2020-06-24_12-17-55PM.log
MRS-storeTargetType	emctl_register_storeTargetType_2020-06-24_12-18-06PM.log
MRS-default_collection	emctl_register_default_collection_2020-06-24_12-18-14PM.log
MRS-default_collection	emctl_register_default_collection_2020-06-24_12-18-26PM.log
MRS-default_collection	emctl_register_default_collection_2020-06-24_12-18-35PM.log
MRS-default_collection	emctl_register_default_collection_2020-06-24_12-19-17PM.log
MRS-omsPropertyDef	emctl_register_omsPropertyDef_2020-06-24_12-19-59PM.log
MRS-omsPropertyDef	emctl_register_omsPropertyDef_2020-06-24_12-20-05PM.log
MRS-jobTypes	emctl_register_jobTypes_2020-06-24_12-20-11PM.log
MRS-jobTypes	emctl_register_jobTypes_2020-06-24_12-20-18PM.log
MRS-systemStencil	emctl_register_systemStencil_2020-06-24_12-20-26PM.log
MRS-systemStencil	emctl_register_systemStencil_2020-06-24_12-20-31PM.log
MRS-gccompliance	emctl_register_gccompliance_2020-06-24_12-20-37PM.log

The following warnings have occurred during OPatch execution:

- 1) Could not apply the patch "30851078" because the "oracle.sysman.vt.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 2) Could not apply the patch "31189032" because the "oracle.sysman.emct.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

- 3) Could not apply the patch "31187677" because the "oracle.sysman.am.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 4) Could not apply the patch "30851102" because the "oracle.sysman.vi.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 5) Could not apply the patch "31187567" because the "oracle.sysman.bda.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 6) Could not apply the patch "31140458" because the "oracle.sysman.ssa.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.
- 7) Could not apply the patch "31193101" because the "oracle.sysman.emfa.oms.plugin with version 13.4.1.0.0" core component of the OMS or the plug-in for which the patch is intended is either not deployed or deployed with another version in your Enterprise Manager system.

OMSPatcher Session completed with warnings.

Log file location: d:\oracle\middleware\cfgtoollogs\omspatcher\31299359\omspatcher_2020-06-24_12-03-04PM_deploy.log

OMSPatcher completed with warnings.

- **Verify applied patches**

D:\patch\p31299359_134000_Generic\31299359>%ORACLE_HOME%\opatch\opatch lsinventory

Oracle Interim Patch Installer version 13.9.4.2.2

Copyright (c) 2020, Oracle Corporation. All rights reserved.

Oracle Home : d:\oracle\middleware

Central Inventory : C:\Program Files\Oracle\Inventory

from :

OPatch version : 13.9.4.2.2

OUI version : 13.9.4.0.0

Log file location : d:\oracle\middleware\cfgtoollogs\opatch\opatch2020-06-24_12-25-59PM_1.log

OPatch detects the Middleware Home as "D:\oracle\middleware"

Lsinventory Output file location : d:\oracle\middleware\cfgtoollogs\opatch\lsinv\lsinventory2020-06-24_12-25-59PM.txt

Local Machine Information::

Hostname: CPVDC1APP089.mrwa.wa.gov.au

ARU platform id: 233

ARU platform description:: NT_AMD64

Interim patches (24) :

Patch 31187644 : applied on Wed Jun 24 12:07:39 AWST 2020

Unique Patch ID: 23580360

Patch description: "Oracle Enterprise Manager for Systems Infrastructure 13c Release 4 Plug-in Update 3 (13.4.1.3) for Oracle Management Service"

Created on 25 May 2020, 02:46:34 hrs PST8PDT

Bugs fixed:

31187644, 28903488, 30797588, 30800667, 31186813, 31053056, 30851124
30040006, 30685555, 30689342, 30689406, 30683178, 30723845

Patch 31187620 : applied on Wed Jun 24 12:07:23 AWST 2020

Unique Patch ID: 23565256

Patch description: "Oracle Enterprise Manager for Exadata 13c Release 4 Plug-in Update 3 (13.4.1.3) for Oracle Management Service"

Created on 25 May 2020, 02:46:16 hrs PST8PDT

Bugs fixed:

31187620, 30783317, 30783409, 30783321, 31223335, 31073400, 31186794
31199902, 30785161, 30783292, 30785853, 30917092, 30956836, 30114920
30851000, 30834113, 30888087, 30599744, 30599764, 30788073, 30731153

Patch 31187611 : applied on Wed Jun 24 12:07:11 AWST 2020

Unique Patch ID: 23580197

Patch description: "Oracle Enterprise Manager for Fusion Middleware 13c Release 4 Plug-in Update 3 (13.4.1.3) for Oracle Management Service"

Created on 25 May 2020, 02:46:05 hrs PST8PDT

Bugs fixed:

31187611, 31347949, 30897407, 31140449, 31137234, 26001532, 31019980
30850958, 30752507, 30689519, 30728052, 30775723, 30788994, 30789013
30765354, 22096060

Patch 31187594 : applied on Wed Jun 24 12:06:58 AWST 2020

Unique Patch ID: 23565438

Patch description: "Oracle Enterprise Manager for Oracle Database 13c Release 4 Plug-in Update 3 (13.4.1.3) for Oracle Management Service"

Created on 25 May 2020, 02:47:17 hrs PST8PDT

Bugs fixed:

31187594, 31340799, 31318117, 31348334, 31114028, 31113689, 31218533
31163484, 30995804, 31314192, 31330186, 31076880, 31175993, 31340798
29447795, 30641240, 30888481, 30833011, 30852617, 31168295, 31163487
31040694, 31233406, 29919817, 31244015, 31243999, 30997028, 30178495
31202082, 31171253, 21482739, 31101525, 30951035, 31118105, 31180335
30673790, 30371960, 30474601, 30997045, 30763796, 30700074, 30264594
30793121, 28173623, 31114059, 30892172, 30936742, 31138325, 31101261
31046973, 30885752, 29501970, 30995857, 31000540, 31123385, 30996860
31070571, 30995779, 31047260, 30617479, 30617472, 22658463, 31113802
31094787, 31113740, 31130898, 30547261, 31082380, 30791799, 30284147
30957394, 29051365, 26516476, 22176344, 21608322, 19957341, 30889882
30717403, 30879135, 30879793, 30884543, 30993526, 30978846, 30019613
29864643, 30184798, 31058219, 31046848, 30443034, 30330391, 29937615
29917360, 31032350, 30519927, 29647427, 30649758, 30274247, 30221192
30684118, 29815786, 31104309, 31109617, 31068806, 30513626, 30632626
30995769, 30488871, 30818086, 28032703, 30909589, 30889629, 29774285
30780829, 30853088, 30678791, 30853092, 29963405, 30637367, 30952486
30021001, 26098108, 30788207, 30308970, 30850543, 30930140, 29127198
30356508, 30510779, 30662549, 30931220, 30593948, 29478794, 30287598

29481689, 30678827, 30844885, 30686587, 30826803, 30838902, 30851845
30924870, 30890597, 30728606, 30748737, 30753905, 30450517, 30615201
30689092, 30688553, 30817200, 30593709, 30506374, 30662956, 30876551
27525305, 30622736, 30737267, 30855261

Patch 31187552 : applied on Wed Jun 24 12:06:38 AWST 2020

Unique Patch ID: 23565252

Patch description: "Oracle Enterprise Manager 13c Release 4 Platform Update 3 (13.4.0.3) for Oracle Management Service"

Created on 25 May 2020, 02:21:40 hrs PST8PDT

Bugs fixed:

31187552, 31389146, 31045394, 30264078, 31050673, 31221750, 29954865
31142821, 30698959, 30621884, 31092424, 19678316, 30964737, 31331474
31204548, 31219853, 30381241, 30987560, 31187739, 22121529, 31128284
30975180, 30374372, 31134352, 31134365, 31134379, 31144566, 31162724
31221310, 31235865, 31162663, 31181687, 31185587, 31185497, 30327194
31246172, 31237746, 31144644, 31144596, 31144721, 31147394, 31147170
31144870, 31144814, 31235962, 30771067, 31147313, 31156962, 31108036
31169990, 30700200, 31205014, 30687173, 29400014, 31236985, 31160005
31159978, 31157121, 31252918, 31212927, 31207430, 31206428, 30032619
30580441, 30895058, 31245983, 31161893, 31147001, 31163432, 31147068
31161713, 31194716, 31194732, 31147295, 31147253, 31163063, 31147339
31146191, 31146054, 31070150, 31090630, 31169703, 31169827, 31169805
31169739, 31169595, 31144922, 31139146, 31203597, 31134814, 31187128
31036072, 31046934, 31208933, 31197087, 30765967, 31195303, 30351888
30729386, 29455318, 31053928, 30080540, 30642092, 27457839, 31040348
29278676, 31162161, 30993550, 31052284, 30933488, 30926767, 30813865
31051849, 31013861, 30999414, 31131367, 30367030, 30967297, 30456113
31173342, 30943449, 31108491, 31070732, 30453792, 30713609, 31010760
30885520, 31041791, 30813829, 30269570, 30299720, 30951744, 29669980
30322734, 30718383, 29709692, 31031284, 31030213, 30651417, 27464766
30188328, 29650330, 30959904, 28418723, 30526412, 30470720, 31049355
25800204, 30823436, 30929134, 31018432, 29522608, 31051705, 30680730
30634979, 30108328, 30730226, 30850513, 31055447, 30912308, 30969063
31005407, 31028947, 31024272, 30991660, 31017477, 30674545, 30999393
30656557, 30689275, 30669582, 29957550, 30194170, 30943373, 30810309

30807841, 30669214, 30787574, 30323566, 30846535, 30876299, 30769488
29230852, 30812463, 30221973, 30679637, 28795139, 30666866, 30586657
30662807, 26696533, 30875260, 30916186, 30763423, 30915449, 30916045
30916055, 30865140, 30942192, 30193562, 30824309, 30321896, 30724031
30815823, 30811121, 30755968, 30876390, 30835368, 30808563, 30594889
30435489, 30811842, 30853329, 30085466, 30777283, 30749489

Patch 30772572 : applied on Wed Jun 17 12:33:38 AWST 2020

Unique Patch ID: 23326455

Patch description: "ADF BUNDLE PATCH 12.2.1.3.0(ID:200116.1114.S)"

Created on 16 Jan 2020, 21:00:59 hrs PST8PDT

Bugs fixed:

22758065, 23565300, 24323568, 24349377, 24416138, 24516663, 24717021
25042794, 25480211, 25497178, 25802772, 25988251, 26587490, 26674023
26760848, 26834987, 26957170, 27014754, 27075612, 27075811, 27089829
27118497, 27291983, 27577382, 27970267, 28368196, 28468298, 28710503
28811387, 28849860, 29266268, 29702340, 29707186, 29898999, 29994761
29997425, 30013857, 30062754, 30088469, 30153175, 30157684, 30162276
30239306, 30303101, 30320281, 30322079, 30365054, 30414094, 30483617
30486652, 30509557, 30527927, 30621855, 30757203

Patch 30510407 : applied on Wed Jun 17 12:32:17 AWST 2020

Unique Patch ID: 23236963

Patch description: "One-off"

Created on 28 Nov 2019, 09:19:26 hrs PST8PDT

Bugs fixed:

30510407

Patch 30465861 : applied on Wed Jun 17 12:31:53 AWST 2020

Unique Patch ID: 23240814

Patch description: "One-off"

Created on 2 Dec 2019, 07:30:43 hrs PST8PDT

Bugs fixed:

30465861

Patch 30387597 : applied on Wed Jun 17 12:31:30 AWST 2020
Unique Patch ID: 23147825
Patch description: "WebCenter Core Bundle Patch 12.2.1.3.0(ID:191002.2131.S)"
Created on 4 Oct 2019, 15:18:27 hrs PST8PDT
Bugs fixed:
25599977, 27261081, 27342081, 27470476, 27529521, 27630802, 27812388
28381089, 28549831, 28721609, 29059262, 29119141, 29302320, 29631979
30221412

Patch 30269564 : applied on Wed Jun 17 12:30:55 AWST 2020
Unique Patch ID: 23142046
Patch description: "One-off"
Created on 17 Oct 2019, 22:06:51 hrs PST8PDT
Bugs fixed:
30269564
This patch overlays patches:
30158713
This patch needs patches:
30158713
as prerequisites

Patch 30152128 : applied on Wed Jun 17 12:30:34 AWST 2020
Unique Patch ID: 23166511
Patch description: "One-off"
Created on 20 Oct 2019, 10:37:36 hrs PST8PDT
Bugs fixed:
30152128

Patch 30146350 : applied on Wed Jun 17 12:30:12 AWST 2020
Unique Patch ID: 23155534
Patch description: "OPSS Bundle Patch 12.2.1.3.191015"
Created on 10 Oct 2019, 12:33:00 hrs PST8PDT
Bugs fixed:
21615694, 25704454, 25841089, 25873942, 26117238, 26222099, 26481220
26516383, 26560641, 26649669, 26739728, 26785742, 26828760, 26865074

26910194, 26911368, 27001039, 27006419, 27056349, 27093628, 27111323
27119368, 27126795, 27215868, 27277928, 27280891, 27358915, 27423897
27487992, 27511030, 27519253, 27528997, 27600494, 27618283, 27635321
27718379, 27879104, 28098387, 28105735, 28110732, 28143529, 28145575
28156927, 28164323, 28302701, 28323499, 28368179, 28369965, 28389103
28581344, 28581465, 28599855, 28673952, 28722803, 28752652, 28767126
28858713, 28996665, 29020063, 29123315, 29411343, 29429675, 29897249

Patch 29878681 : applied on Wed Jun 17 12:29:39 AWST 2020
Unique Patch ID: 22982380
Patch description: "One-off"
Created on 20 Jun 2019, 15:09:02 hrs PST8PDT
Bugs fixed:
29878681

Patch 29321695 : applied on Wed Jun 17 12:29:17 AWST 2020
Unique Patch ID: 23057530
Patch description: "OSS BUNDLE PATCH 12.2.1.3.190716"
Created on 1 Aug 2019, 18:46:38 hrs PST8PDT
Bugs fixed:
26318200, 29389063

Patch 28659321 : applied on Wed Jun 17 12:28:55 AWST 2020
Unique Patch ID: 23002516
Patch description: "One-off"
Created on 4 Jul 2019, 11:07:21 hrs PST8PDT
Bugs fixed:
28659321

Patch 27580645 : applied on Wed Jun 17 12:28:33 AWST 2020
Unique Patch ID: 22665598
Patch description: "One-off"
Created on 7 Jan 2019, 10:21:17 hrs PST8PDT
Bugs fixed:
27580645

This patch overlays patches:

27329720

This patch needs patches:

27329720

as prerequisites

Patch 27570450 : applied on Wed Jun 17 12:27:58 AWST 2020

Unique Patch ID: 21992276

Patch description: "One-off"

Created on 15 Mar 2018, 12:27:12 hrs PST8PDT

Bugs fixed:

27570450

Patch 26626168 : applied on Wed Jun 17 12:27:36 AWST 2020

Unique Patch ID: 22155174

Patch description: "One-off"

Created on 1 May 2018, 10:20:56 hrs PST8PDT

Bugs fixed:

26626168

Patch 26045997 : applied on Wed Jun 17 12:27:15 AWST 2020

Unique Patch ID: 22112962

Patch description: "One-off"

Created on 13 Apr 2018, 23:35:27 hrs UTC

Bugs fixed:

26045997

Patch 25977056 : applied on Wed Jun 17 12:26:59 AWST 2020

Unique Patch ID: 23342321

Patch description: "One-off"

Created on 23 Jan 2020, 17:40:34 hrs PST8PDT

Bugs fixed:

25977056

Patch 25423296 : applied on Wed Jun 17 12:26:42 AWST 2020

Unique Patch ID: 22966098

Patch description: "One-off"

Created on 11 Jun 2019, 13:33:22 hrs PST8PDT

Bugs fixed:

25423296

Patch 30386660 : applied on Wed Jun 17 12:23:38 AWST 2020

Unique Patch ID: 23147819

Patch description: "WLS PATCH SET UPDATE 12.2.1.3.0(ID:191004.0935)"

Created on 4 Oct 2019, 15:02:53 hrs PST8PDT

Bugs fixed:

27456095, 25369207, 29338121, 29448643, 29312272, 26987594, 27010571
26075541, 27823500, 27248932, 25294832, 26131085, 27659077, 26403575
29667975, 28278427, 29726561, 29701537, 29411629, 29789769, 29752735
30088758, 28794044, 29957539, 29585355, 27817138, 26199271, 25830131
28879029, 26593955, 29913898, 29750025, 28973782, 29356775, 30180712
24931180, 29643116, 27228370, 29158881, 26877609, 27179313, 29181056
30153412, 29921455, 28867938, 28748179, 28984617, 28774974, 28891448
28874066, 26943614, 28651365, 29140555, 27086845, 29140516, 28895280
26791760, 29140540, 29140549, 29140508, 29140551, 28550962, 27397287
28958819, 27033250, 28149607, 28110087, 26267487, 28632521, 26624375
27213775, 28503638, 28138954, 28103938, 28559579, 28594324, 26353793
28626991, 28166483, 28313163, 28142116, 28319690, 27912485, 27561226
27927071, 27469756, 27486993, 28140800, 27928833, 25580220, 28311332
27988175, 28172380, 28360225, 28171852, 28375173, 28071913, 28409586
28375702, 27411153, 26502060, 27603087, 27234961, 27187631, 27516977
27819370, 27617877, 26145911, 26268190, 27693510, 27417245, 27284496
27947832, 26026959, 26499391, 23076695, 25488428, 26626528, 27445260
26098043, 27948303, 27934864, 27803728, 26473149, 27272911, 26731253
27118731, 27131483, 25993295, 25800186, 25987400, 26439373, 26080417
26929163, 26806438, 25665727, 26608537, 26936500, 27055227, 26144830
25750303, 26248394, 26589850, 27111664, 26547016, 26828499, 26835012
27117282, 26985581, 23103220, 25387569

Patch 30158713 : applied on Wed Jun 17 12:21:38 AWST 2020

Unique Patch ID: 23059299

Patch description: "OHS (NATIVE) BUNDLE PATCH 12.2.1.3.0(ID:190808.0523)"

Created on 16 Aug 2019, 11:35:14 hrs PST8PDT

Bugs fixed:

22490907, 25885296, 26752325, 26771647, 26837992, 27207688, 27329076
27399042, 27455010, 27577851, 27582023, 27582227, 27582380, 27742261
27797613, 27821501, 27836591, 27955160, 28001180, 28043686, 28061540
28062235, 28080651, 28087647, 28087782, 28092660, 28124439, 28131347
28137494, 28211436, 28220318, 28237173, 28244964, 28259401, 28275816
28276410, 28376792, 28386435, 28386601, 28565849, 28764300, 28780243
28823482, 29220393, 29230338, 29323956, 29336255, 29352961, 29357187
29607217, 30063965

Patch 27329720 : applied on Wed Jun 17 12:21:22 AWST 2020

Unique Patch ID: 22018459

Patch description: "OBI BUNDLE PATCH 12.2.1.3.180717"

Created on 11 May 2018, 14:19:18 hrs PST8PDT

Bugs fixed:

21766173, 26775946, 24691274, 26535378, 26486161, 26787682, 27019889
24623887, 26266824, 26171147, 26017396, 25484519, 26975548, 26541044
27529288, 21216069, 26578260, 26923935, 26909225, 26944921, 26798068
27214490, 26553225, 27155012, 21766306, 26787841, 21309457, 26760055
26632162, 25061256, 27679984, 25071445, 26612444

OPatch succeeded.

D:\patch\p31299359_134000_Generic\31299359>

- Apply Agent patch **31270875**

```
D:\patch\p31299359_134000_Generic\31299359>cd D:\oracle\agent_base\agent_13.4.0.0.0\bin
```

```
D:\oracle\agent_base\agent_13.4.0.0.0\bin>emctl stop agent
Oracle Enterprise Manager Cloud Control 13c Release 4
Copyright (c) 1996, 2020 Oracle Corporation. All rights reserved.
The Oracleagent13c1Agent service is stopping.....
The Oracleagent13c1Agent service was stopped successfully.
```

```
D:\oracle\agent_base\agent_13.4.0.0.0\bin>cd D:\patch\p31270875_134000_Generic\31270875
```

```
D:\patch\p31270875_134000_Generic\31270875>set ORACLE_HOME=D:\oracle\agent_base\agent_13.4.0.0.0
```

```
D:\patch\p31270875_134000_Generic\31270875>cd 31270875
```

```
D:\patch\p31270875_134000_Generic\31270875\31270875>%ORACLE_HOME%\OPatch\opatch apply
Oracle Interim Patch Installer version 13.9.4.2.2
Copyright (c) 2020, Oracle Corporation. All rights reserved.
```

```
Oracle Home      : D:\oracle\agent_base\agent_13.4.0.0.0
Central Inventory : C:\Program Files\Oracle\Inventory
from             :
OPatch version   : 13.9.4.2.2
OUI version      : 13.9.4.0.0
Log file location : D:\oracle\agent_base\agent_13.4.0.0.0\cfgtoollogs\opatch\opatch2020-06-24_13-35-51PM_1.log
```

```
OPatch detects the Middleware Home as "D:\oracle\agent_base\agent_13.4.0.0.0"
```

```
Verifying environment and performing prerequisite checks...
OPatch continues with these patches: 31270875
```


Do you want to proceed? [y|n]

y

User Responded with: Y

All checks passed.

Backing up files...

Applying interim patch '31270875' to OH 'D:\oracle\agent_base\agent_13.4.0.0.0'

Patching component oracle.sysman.top.agent, 13.4.0.0.0...

Patch 31270875 successfully applied.

Log file location: D:\oracle\agent_base\agent_13.4.0.0.0\cfgtoollogs\opatch\opatch2020-06-24_13-35-51PM_1.log

OPatch succeeded.

D:\patch\p31270875_134000_Generic\31270875\31270875>%ORACLE_HOME%\OPatch\opatch lsinventory

Oracle Interim Patch Installer version 13.9.4.2.2

Copyright (c) 2020, Oracle Corporation. All rights reserved.

Oracle Home : D:\oracle\agent_base\agent_13.4.0.0.0

Central Inventory : C:\Program Files\Oracle\Inventory

from :

OPatch version : 13.9.4.2.2

OUI version : 13.9.4.0.0

Log file location : D:\oracle\agent_base\agent_13.4.0.0.0\cfgtoollogs\opatch\opatch2020-06-24_13-37-38PM_1.log

OPatch detects the Middleware Home as "D:\oracle\agent_base\agent_13.4.0.0.0"

Lsinventory Output file location : D:\oracle\agent_base\agent_13.4.0.0.0\cfgtoollogs\opatch\lsinv\lsinventory2020-06-24_13-37-38PM.txt

Local Machine Information::

Hostname: CPVDC1APP089.mrwa.wa.gov.au
ARU platform id: 233
ARU platform description:: NT_AMD64

Interim patches (1) :

Patch 31270875 : applied on Wed Jun 24 13:36:07 AWST 2020

Unique Patch ID: 23565271

Patch description: "Oracle Enterprise Manager 13c Release 4 Platform Update 3 (13.4.0.3) for Oracle Management Agent"

Created on 25 May 2020, 02:55:45 hrs PST8PDT

Bugs fixed:

31270875, 30781548, 31217370, 31221735, 31169476, 30945078, 29697332
30810862, 30725115, 31140436, 30704470, 30640754, 31114912, 30436725
29675331, 30765967, 30419621, 30850532, 30109746, 30800421, 30254113
30954887, 30673736, 30845247, 30554482, 30787141, 30787199, 30591926

OPatch succeeded.

Deploy OEM Agents

Notes:



- Deployment of agent from within OEM failed with SSH check

Agent Deployment Details: CTVDC2ORA002.mrwa.wa.gov.au

Initialization Details

OMS Log Location CPVDC1APP089.mrwa.wa.gov.au.d:/oracle/gc_inst/em/EMGC_OMS1/sysman/agentpush/2020-06-26_08-47-09-AM/applogs/CTVDC2ORA002.mrwa.wa.gov.au_deploy.log

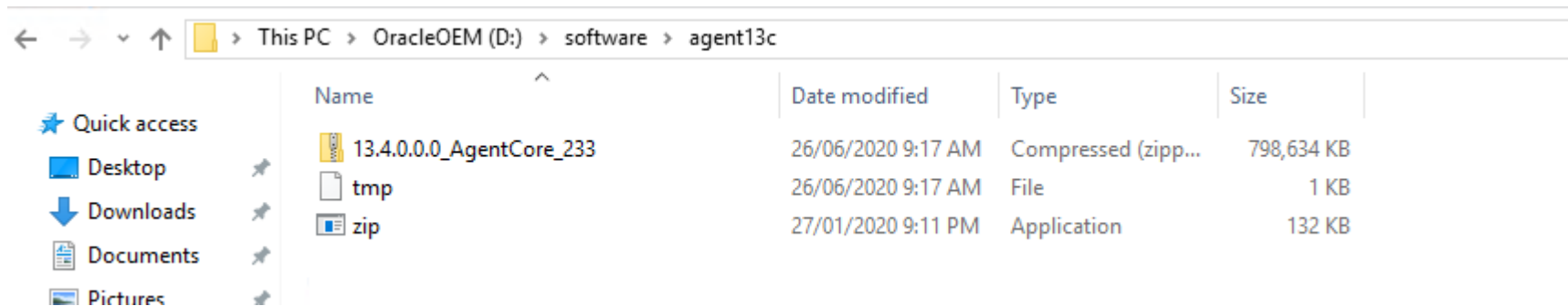
☐ Show only warnings and failures

Initialization Phase Name	Status	Error	Cause	Recommendation
Remote Validations		SSH server check failed	SSH daemon (sshd) is not running on port "22"	Verify the value of SSH_PORT in the d:/oracle/middleware/oui/prov/resources/Paths.properties file. Ensure that it is the same as the port on which the sshd is running on the remote host.
Transferring Agent Software to Destination Host				

- Manually deploy the agent by downloading the agent image from OMS and then perform a silent installation using a response file

- Execute **emcli get_agentimage**

```
d:\oracle\middleware\bin>emcli get_agentimage -destination=D:\software\agent13c -platform="Microsoft Windows x64 (64-bit)"
=== Partition Detail ===
Space free : 9 GB
Space required : 1 GB
Check the logs at d:\oracle\gc_inst\em\EMGC_OMS1\sysman\emcli\setup\.emcli\get_agentimage_2020-06-26_09-17-24-AM.log
Downloading D:\software\agent13c\13.4.0.0.0_AgentCore_233.zip
File saved as D:\software\agent13c\13.4.0.0.0_AgentCore_233.zip
Downloading D:\software\agent13c\13.4.0.0.0_Plugins_233.zip
File saved as D:\software\agent13c\13.4.0.0.0_Plugins_233.zip
Downloading D:\software\agent13c\unzip.exe
File saved as D:\software\agent13c\unzip.exe
Executing command: D:\software\agent13c\unzip.exe D:\software\agent13c\13.4.0.0.0_Plugins_233.zip -d D:\software\agent13c
Exit status is:0
Agent Image Download completed successfully.
```



- Edit **agent.rsp**

```
#####
## copyright (c) 1999, 2012 Oracle. All rights reserved.    ##
##                                                         ##
```

```

## Specify values for the variables listed below to customize  ##
## your installation.                                     ##
##                                                         ##
## Each variable is associated with a comment. The comment  ##
## identifies the variable type.                           ##
##                                                         ##
## Please specify the values in the following format:      ##
##                                                         ##
##   Type      Example                                     ##
##   String    "Sample Value"                             ##
##   Boolean    True or False                             ##
##   Number    1000                                       ##
##   StringList {"String value 1","String Value 2"}      ##
##                                                         ##
## The values that are given as <Value Required> need to be  ##
## specified for a silent installation to be successful.    ##
##                                                         ##
##                                                         ##
## This response file is generated by Oracle Software      ##
## Packager.                                               ##
#####

#-----
#OMS_HOST:<String> OMS host info required to connect to OMS
#EM_UPLOAD_PORT:<String> OMS port info required to connect to OMS
#AGENT_REGISTRATION_PASSWORD:<String> Agent Registration Password needed to
#  establish a secure connection to the OMS.
#b_startAgent:<boolean> Agent will not be started after configuration if the value specified is false.
#AGENT_BASE_DIR=<String> Base directory of agent.
#AGENT_INSTANCE_HOME:<String> Agent instance home is the location of agent state directory.
#AGENT_PORT:<String> Agent port on which the agent process should be started.
#ORACLE_HOSTNAME:<String> Fully qualified domain name of host where is the agent is deployed.
#s_agentHomeName:<String>Customized Oracle home name for the agent home. Example: s_agentHomeName="agent12gR1"
#-----

```

```

#Following are mandatory parameters
#-----
OMS_HOST="CPVDC1APP089.MRWA.WA.GOV.AU"
EM_UPLOAD_PORT="1159"
AGENT_REGISTRATION_PASSWORD="EMcontrol13"
#-----
#Following are optional parameters
#-----
b_startAgent=True
AGENT_BASE_DIR="D:\app\oracle\em_agent"
AGENT_INSTANCE_HOME="D:\app\oracle\em_agent\agent_inst"
AGENT_PORT="3872"
ORACLE_HOSTNAME="CTVDC2ORA002.MRWA.WA.GOV.AU"
#s_agentHomeName=<Value Unspecified>
#-----
#s_agentSvcName:<String> Sets the agent Service Name and this variable can be
#   used to override the agent service name calculated by the install. This is
#   required for only Windows.
#   Example:
#   s_agentSvcName = "GridAgent"           ; User specified value
#-----
#s_agentSvcName=""
#####
#Please Don't change the values of these variables
#####
#-----
#EM_INSTALL_TYPE:<STRING> install type
#-----
EM_INSTALL_TYPE="AGENT"

```

- Execute **agentDeploy.bat**

D:\software\agent13c\13.4.0.0.0_AgentCore_233>**agentDeploy.bat AGENT_BASE_DIR=D:**

app\oracle\em_agent RESPONSE_FILE=D:\software\agent13c\13.4.0.0.0_AgentCore_233\agent.rsp

- Check status of agent

D:\app\oracle\em_agent\agent_13.4.0.0.0\bin>**emctl status agent**

Oracle Enterprise Manager Cloud Control 13c Release 4

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```
-----
Agent Version      : 13.4.0.0.0
OMS Version        : 13.4.0.0.0
Protocol Version   : 12.1.0.1.0
Agent Home         : D:/app/oracle/em_agent/agent_inst
Agent Log Directory : D:/app/oracle/em_agent/agent_inst/sysman/log
Agent Binaries     : D:\app\oracle\em_agent\agent_13.4.0.0.0
Core JAR Location  : D:\app\oracle\em_agent\agent_13.4.0.0.0\jlib
Agent Process ID   : 676
Parent Process ID  : 5728
Agent URL          : https://CTVDC2ORA002.MRWA.WA.GOV.AU:3872/emd/main/
Local Agent URL in NAT : https://CTVDC2ORA002.MRWA.WA.GOV.AU:3872/emd/main/
Repository URL     : https://CPVDC1APP089.mrwa.wa.gov.au:1159/empbs/upload
Started at        : 2020-06-26 10:41:40
Started by user    : CTVDC2ORA002$
Operating System   : Windows version 6.3 (amd64)
Number of Targets  : 3
Last Reload        : (none)
Last successful upload      : 2020-06-26 10:43:17
Last attempted upload      : 2020-06-26 10:43:17
Total Megabytes of XML files uploaded so far : 0.07
Number of XML files pending upload      : 0
Size of XML files pending upload(MB)    : 0
Available disk space on upload filesystem : 15.72%
Collection Status                  : Collections enabled
Heartbeat Status                   : Ok
```

Last attempted heartbeat to OMS : 2020-06-26 10:43:53
Last successful heartbeat to OMS : 2020-06-26 10:43:53
Next scheduled heartbeat to OMS : 2020-06-26 10:44:53

Agent is Running and Ready

- Patch Agent

```
D:\Software\agent13c\13.4.0.0.0_AgentCore_233>cd D:\app\oracle\em_agent\agent_13.4.0.0.0\bin
```

```
D:\app\oracle\em_agent\agent_13.4.0.0.0\bin>emctl stop agent
Oracle Enterprise Manager Cloud Control 13c Release 4
Copyright (c) 1996, 2020 Oracle Corporation. All rights reserved.
The Oracleagent13c2Agent service is stopping.....
The Oracleagent13c2Agent service was stopped successfully.
```

```
D:\app\oracle\em_agent\agent_13.4.0.0.0\bin>set ORACLE_HOME=D:\app\oracle\em_agent\agent_13.4.0.0.0
```

```
D:\app\oracle\em_agent\agent_13.4.0.0.0\bin>cd D:\Software\agent13c\p31270875_134000_Generic\31270875\31270875
```

```
D:\Software\agent13c\p31270875_134000_Generic\31270875\31270875>%ORACLE_HOME%\OPatch\opatch apply
Oracle Interim Patch Installer version 13.9.4.2.2
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```

```
Oracle Home      : D:\app\oracle\em_agent\agent_13.4.0.0.0
Central Inventory : C:\Program Files\Oracle\Inventory
from             :
```


OPatch version : 13.9.4.2.2
OUI version : 13.9.4.0.0
Log file location : D:\app\oracle\em_agent\agent_13.4.0.0.0\cfgtoollogs\opatch\opatch2020-06-26_11-39-11AM_1.log

OPatch detects the Middleware Home as "D:\app\oracle\em_agent\agent_13.4.0.0.0"

Verifying environment and performing prerequisite checks...
OPatch continues with these patches: 31270875

Do you want to proceed? [y|n]

y

User Responded with: Y

All checks passed.

Backing up files...

Applying interim patch '31270875' to OH 'D:\app\oracle\em_agent\agent_13.4.0.0.0'

Patching component oracle.sysman.top.agent, 13.4.0.0.0...

Patch 31270875 successfully applied.

Log file location: D:\app\oracle\em_agent\agent_13.4.0.0.0\cfgtoollogs\opatch\opatch2020-06-26_11-39-11AM_1.log

OPatch succeeded.

D:\Software\agent13c\p31270875_134000_Generic\31270875\31270875>%ORACLE_HOME%\OPatch\opatch lspatches
31270875;Oracle Enterprise Manager 13c Release 4 Platform Update 3 (13.4.0.3) for Oracle Management Agent

D:\software\agent13c\p31270875_134000_Generic\31270875\31270875>cd %ORACLE_HOME%\bin

D:\app\oracle\em_agent\agent_13.4.0.0.0\bin>emctl start agent
Oracle Enterprise Manager Cloud Control 13c Release 4
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The Oracleagent13c2Agent service is starting.....
The Oracleagent13c2Agent service was started successfully.