

Oracle® Database

Release Notes

12c Release 1 (12.1) for HP-UX Itanium

E52119-05

February 2016

This document contains information that was not included in the platform-specific or product-specific documentation for this release. This document supplements *Oracle Database Readme*.

This document may be updated after it is released. You can check for updates to this document and view other Oracle documentation at

<http://docs.oracle.com/en/database/database.html>

This document contains the following topics:

- [Certification Information](#)
- [Latest Upgrade Information](#)
- [Product Support](#)
- [Unsupported Products](#)
- [Content Specific to Oracle Database 12c Release 1 \(12.1.0.1\)](#)
- [Content Specific to Oracle Database 12c Release 1 \(12.1.0.2\)](#)
- [Documentation Accessibility](#)

1 Certification Information

The latest certification information for Oracle Database 12c is available on My Oracle Support at

<https://support.oracle.com>

2 Latest Upgrade Information

For late-breaking updates and best practices about preupgrade, postupgrade, compatibility, and interoperability discussions, refer to Note 1462240.1 on My Oracle Support that links to the “Upgrade Companion” page at

<https://support.oracle.com>

3 Product Support

The list of products or features supported for Oracle Database 12c are as follows:

Database Smart Flash Cache Support

Database Smart Flash Cache is supported only on Oracle Solaris and Oracle Linux.

Oracle ASM Filter Driver Support

Oracle Automatic Storage Management Filter Driver (Oracle ASMFD) is supported only on Linux x86-64.

4 Unsupported Products

In addition to the items listed in section 2.2, “Features Not Available or Restricted in This Release of Oracle Database 12.1.0.2,” in *Oracle Database Readme*, the following products or features are not supported:

Oracle Database Quality of Service Management Support

Oracle Database Quality of Service Management is not supported on HP-UX Itanium.

Cluster Health Monitor Support

Cluster Health Monitor is not supported on HP-UX Itanium.

Grid Infrastructure Management Repository Support

Grid Infrastructure Management Repository is not supported on HP-UX Itanium.

Rapid Home Provisioning Server Support

Rapid Home Provisioning Server is not supported on HP-UX Itanium.

Memory Guard Support

Memory Guard is not supported on HP-UX Itanium.

Oracle ODBC Driver Support

Oracle ODBC driver is not supported on HP-UX PA-RISC.

ASMLIB Support

ASMLIB is not supported on HP-UX.

5 Content Specific to Oracle Database 12c Release 1 (12.1.0.1)

The following content is specific to release 12.1.0.1:

- [Installation, Configuration, and Upgrade Issues for Release 12.1.0.1](#)
- [Other Known Issues for Release 12.1.0.1](#)

5.1 Installation, Configuration, and Upgrade Issues for Release 12.1.0.1

Review the following section for information about issues that affect Oracle Database installation, configuration, and upgrade:

- [Authentication Issue with Autoupdates Feature](#)

5.1.1 Authentication Issue with Autoupdates Feature

If you choose to download the software updates or apply patches during the database installation, the following error message appears:

```
[INS-32103] Connection to My Oracle Support could not be established
```

Workaround:

Perform the following steps:

1. Exit Oracle Universal Installer.
2. Download and install JDK version 1.6.0.20 or higher from the HP website to a tmp directory on your system, such as /tmp/java6.
3. Run Oracle Universal Installer as follows:

```
$ runInstaller -jreLoc /tmp/java6/jre
```

Alternatively, unselect the software updates download, complete the installation, and then manually apply the required patches.

This issue is tracked with Oracle bug 17756734.

5.2 Other Known Issues for Release 12.1.0.1

There are no other known issues at the time of this release.

6 Content Specific to Oracle Database 12c Release 1 (12.1.0.2)

The following content is specific to release 12.1.0.2:

- [Preinstallation Requirements for Release 12.1.0.2](#)
- [Installation, Configuration, and Upgrade Issues for Release 12.1.0.2](#)
- [Other Known Issues for Release 12.1.0.2](#)

6.1 Preinstallation Requirements for Release 12.1.0.2

Refer to the installation guides for the preinstallation requirements.

6.2 Installation, Configuration, and Upgrade Issues for Release 12.1.0.2

Review the following section for information about issues that affect Oracle Database installation, configuration, and upgrade:

- [Authentication Issue with Autoupdates Feature](#)
- [Updating a List of Node Fails During a Database Upgrade](#)
- [Database Startup Fails with No Space on Device Error](#)

6.2.1 Authentication Issue with Autoupdates Feature

If you choose to download the software updates or apply patches during the database installation, the following error message appears:

```
[INS-32103] Connection to My Oracle Support could not be established
```

Workaround:

Perform the following steps:

1. Exit Oracle Universal Installer.
2. Download and install JDK version 1.6.0.20 or higher from the HP website to a tmp directory on your system, such as /tmp/java6.
3. Run Oracle Universal Installer as follows:

```
$ runInstaller -jreLoc /tmp/java6/jre
```

Alternatively, unselect the software updates download, complete the installation, and then manually apply the required patches.

This issue is tracked with Oracle bug 17756734.

6.2.2 Updating a List of Node Fails During a Database Upgrade

When upgrading an Oracle Database release 10.2.0.5 or release 11.1.0.7 to release 12.1.0.2, updating a list of nodes fails with the following error:

```
[Invalid characters found in path '/u01/app/oraInventory'" for 'inventory_loc' in file '/var/opt/oracle/oraInst.loc'.Please enter correct path for central inventory location. :failed]
```

Workaround:

Manually run the failed command to update the node list.

This issue is tracked with Oracle bug 19045709.

6.2.3 Database Startup Fails with No Space on Device Error

The database startup fails with the no space on device error if `semmsl` is not large enough to accommodate all Oracle processes of all the instances.

Workaround:

Set the `semmsl` parameter to 4096, which is twice its default value, using the following command:

```
# kctune semmsl=4096
```

Note: System restart is not necessary for these changes.

This issue is tracked with Oracle bug 19950794.

6.3 Other Known Issues for Release 12.1.0.2

The following sections contain information about issues related to Oracle Database 12c and associated products:

- [Adding Nodes with Uppercase or Mixed Case Node Names Fails](#)

6.3.1 Adding Nodes with Uppercase or Mixed Case Node Names Fails

Adding a node with an uppercase or a mixed node name in the Service Guard cluster fails with the following error:

```
Unable to get node number for the following nodes:  
NODE_NAME1:The node number cannot be obtained.  
Node_name2:The node number cannot be obtained.
```

Workaround:

Exit Oracle Universal Installer and use lowercase node names to add nodes.

This issue is tracked with Oracle bug 19146994.

7 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

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