

Oracle® Database

Release Notes

12c Release 2 (12.2) for Linux

E85828-01

May 2017

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:

- [Unsupported Products](#)
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Unsupported Products

In addition to the list of unavailable products or features in section, "Features Not Available or Restricted in This Release of Oracle Database 12c Release 2 (12.2.0.1)" in *Oracle Database Readme*, the following products and features are not supported:

Oracle Database Quality of Service Support

Oracle Database Quality of Service Management is not supported on IBM: Linux on System z.

Product Support

The list of supported products or features for Oracle Database 12c Release 2 (12.2.0.1) are as follows:

Database Smart Flash Cache Support

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

Oracle Automatic Storage Management Cluster File System (Oracle ACFS) and Oracle Automatic Storage Management Dynamic Volume Manager (Oracle ADVM) Support

Although Oracle ADVM supports raw disks in Oracle Automatic Storage Management disk groups, Oracle ADVM device special files created through raw(8) are not supported; Oracle ADVM only supports block device special files.

For the latest information about supported platforms and releases, see the Note 1369107.1 on My Oracle Support at

<https://support.oracle.com>

Oracle ASM Filter Driver Support

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

Share-based Instance Caging

Share-based Instance Caging is supported only on Oracle Solaris and Oracle Linux.

IPv6 Networks Support

The IPv6 based IP addresses to configure the private networks for a cluster is not supported on IBM: Linux on System z. It is currently under testing and the support will be announced after testing is successfully complete.

Linking Applications with Oracle Client Libraries

You must use the dynamic Oracle client libraries to link the client code on Linux. Do not link the static Oracle client libraries.

Preinstallation Requirements for Release 12.2

Refer to the installation guides for the preinstallation requirements.

Installation, Configuration, and Upgrade Issues for Release 12.2

There are no installation, configuration, and upgrade issues at the time of this release.

Other Known Issues for Release 12.2

The following section contains information about issues related to Oracle Database 12c and associated products:

- [DBCA Displays Incorrect Memory of the Host Server](#)
- [Oracle R Enterprise Fails Due to Libtiff Library Version Mismatch](#)
- [Oracle Grid Infrastructure Installer Prerequisite Check May Fail Due to Incorrect RPM Versions](#)

DBCA Displays Incorrect Memory of the Host Server

When creating a database on Linux Container, Database Configuration Assistant (DBCA) incorrectly shows the available memory of the host server instead of the Linux Container on the Specify Configuration Options page. When you choose to allocate the percentage of memory based on the value shown, the database creation may fail in the case where total consumable memory for that Linux Container is less than the allocated memory.

Workaround:

You must allocate physical memory for the database according to the configuration of the Linux Container system.

This issue is tracked with Oracle bug 21546793.

Oracle R Enterprise Fails Due to Libtiff Library Version Mismatch

The Cairo package in Oracle R Enterprise fails to load on SUSE Linux Enterprise Server 12 when the `libtiff.so.3` version is missing.

Workaround:

Create a symlink for `libtiff.so.3` from `libtiff5.so.5`.

This issue is tracked with Oracle bug 24939744.

Oracle Grid Infrastructure Installer Prerequisite Check May Fail Due to Incorrect RPM Versions

The Oracle Grid Infrastructure installer prerequisite check for 12c Release 2 (12.2) may fail if you use the `e2fsprogs-1.42.8-1.0.2 (x86_64)` and `e2fsprogs-libs-1.42.8-1.0.2 (x86_64)` packages.

Workaround:

1. Ensure that you meet the following minimum RPM version requirements:

`e2fsprogs-1.41.12-14.el6 (x86_64)` or later

`e2fsprogs-libs-1.41.12-14.el6 (x86_64)` or later

2. Ignore the `e2fsprogs` and `e2fsprogs-libs` failure notifications and proceed with the Oracle Grid Infrastructure installation.

This issue is tracked with Oracle bug 25232262.

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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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