

Oracle® Database

Database Release Notes

12c Release 2 (12.2) for IBM AIX on POWER Systems (64-Bit)

E85844-03

September 2020

This document describes last-minute features and changes for IBM AIX on POWER Systems (64-Bit) that are not included in the Oracle Database Documentation Library for Oracle Database 12c Release 2 (12.2).

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:

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Certification Information

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

<https://support.oracle.com>

AIX 7.2 TL 0 SP 1

Starting with Oracle Database 12c Release 1 (12.1.0.2), AIX 7.2 TL 0 SP 1 is certified on IBM AIX on POWER Systems (64-Bit) systems.

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.

<https://support.oracle.com>

Unsupported Products

In addition to the items listed in section, "Features Not Available or Restricted in Oracle Database 12c," in *Oracle Database Readme*, the following products or features are not supported:

ASMLIB Support

ASMLIB is not supported.

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 ASMFDD) is supported only on Linux x86-64.

Installation, Configuration, and Upgrade Issues for Release 12.2

This topic describes information about issues that affect Oracle Database installation, configuration, and upgrade.

Bug 29053538

Oracle database instance at startup loads `libora_netlib.so`. This library has dependencies on IBM XL Fortran runtime libraries. If they are not installed on the system, startup fails with the following error:

```
ORA-40238: invalid linear algebra shared library
```

Workaround:

Install XL Fortran Runtime for AIX Fix Pack 10 (February 2018 PTF) for 15.1.

Download and install XL Fortran Runtime for AIX Fix Pack 10 (February 2018 PTF) for 15.1 from:

<https://www-01.ibm.com/support/docview.wss?uid=swg24044611>

Bug 25738001

When you run `Pro*FORTRAN` programs using Oracle Database 12c Release 2 (12.2) on IBM AIX 7.2, they may fail with the following error:

```
/usr/local/packages/fortran_remote/13-jan2012//usr/bin/.orig/f77:
1501-287 (S)
This compiler does not support AIX 7.2. Please check with IBM (http://
www-01.ibm.com/support/docview.wss?rs=43&uid=swg21326972) to see if
there is a PTF for this compiler that supports this AIX level make:
1254-004
The error code from the last command is 41.
```

Workaround:

Use Oracle Database 12c Release 2 (12.2) on IBM AIX 6.1 or IBM AIX 7.1 to run `Pro*FORTRAN` programs.

Other Known Issues for Release 12.2

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

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 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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