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This document describes last-minute features and changes that are not included in the Oracle Database Documentation Library for Oracle Database 20c.

Starting with Oracle Database 18c, the readme and platform-specific release notes have been combined into one document. The second chapter of this document contains generic information. Subsequent chapters of this document contain platform-specific information. The last chapter of this document contains last-minute changes not included in the Oracle Database documentation library.

Audience

This document is relevant only to Oracle Database 20c and documents new features, changes, unsupported products, preinstallation requirements, generic and platform-specific bug fixes, and known issues that are not included in the Oracle Database documentation library.

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.

Related Resources

Refer to the following documentation for more information related to this release:

2. For licensing information, refer to Oracle Database Licensing Information User Manual.
Conventions

The following text conventions are used in this document:

<table>
<thead>
<tr>
<th>Convention</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>boldface</strong></td>
<td>Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.</td>
</tr>
<tr>
<td><em>italic</em></td>
<td>Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.</td>
</tr>
<tr>
<td><code>monospace</code></td>
<td>Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.</td>
</tr>
</tbody>
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Purpose of These Release Notes

This topic briefly describes the purpose of these release notes.

Updates to this document can occur after it is released. Check for updates to this document and view other Oracle documentation at:


For licensing information, refer to Oracle Database Licensing Information User Manual.

Additional readme or release notes files also exist. Refer to the Other Readmes, Release Notes, or Installation Guides.
Issues Affecting All Platforms for Oracle Database 20c

These topics contain last-minute features and changes that affect all platforms for Oracle Database 20c.

- Deprecated and Desupported Features for Oracle Database
  This topic describes deprecated and desupported features for Oracle Database 20c.

- Other Readmes, Release Notes, or Installation Guides
  There are additional documents for Oracle products that are associated with this Oracle Database release.

**Deprecated and Desupported Features for Oracle Database**

This topic describes deprecated and desupported features for Oracle Database 20c.

Oracle Database 20c introduces behavior changes for your database in addition to new features. Changes in behavior include deprecated and desupported initialization parameters, options, syntax, and the deprecation and desupport of features and components. For more information, see the *Oracle Database Upgrade Guide*.

**Other Readmes, Release Notes, or Installation Guides**

There are additional documents for Oracle products that are associated with this Oracle Database release.

Refer to the following Oracle products and the location of their associated readme, release notes, or installation guide for additional information:

**Table 2-1  Other Oracle Products Documentation**

<table>
<thead>
<tr>
<th>Product</th>
<th>Document</th>
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<tbody>
<tr>
<td>Oracle Application Express</td>
<td><em>Oracle Application Express Release Notes</em> and the <em>Oracle Application Express Installation Guide.</em></td>
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<tr>
<td>Oracle Multimedia</td>
<td><em>ORACLE_HOME/ord/im/admin/README.txt</em></td>
</tr>
<tr>
<td>Oracle ODBC Driver</td>
<td><em>ODBC Driver Release Notes</em></td>
</tr>
<tr>
<td>Oracle SQL Developer</td>
<td><em>ORACLE_HOME/sql developer/readme.html</em></td>
</tr>
<tr>
<td>Pro*C</td>
<td><em>Pro</em>C/C++ Release Notes*</td>
</tr>
<tr>
<td>Pro*COBOL</td>
<td><em>Pro</em>COBOL Release Notes*</td>
</tr>
<tr>
<td>SQL*Plus</td>
<td><em>SQL</em>Plus Release Notes*</td>
</tr>
</tbody>
</table>
Issues Affecting Linux for Oracle Database 20c

These topics contain last-minute features and changes for Linux for Oracle Database 20c.

- **Unsupported Products for Linux**
  This topic describes products or features that are unavailable for Oracle Database 20c.

- **Product Support**
  This topic describes the supported products or features for Oracle Database 20c.

- **Linking Applications with Oracle Client Libraries for Linux**
  You must use the dynamic Oracle client libraries to link the client code on Linux.

- **Preinstallation Requirements for the Linux Platform**
  Refer to the installation guides for the preinstallation requirements for Oracle Database 20c.

- **Known Issues and Bugs for SUSE Linux Enterprise Server 15**

**Unsupported Products for Linux**

This topic describes products or features that are unavailable for Oracle Database 20c.

In addition to the list of unavailable products or features in this release of Oracle Database 20c, the following product is not supported for 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.

**Product Support**

This topic describes the supported products or features for Oracle Database 20c.

The supported products or features are:

- **Database Smart Flash Cache Support**
  Database Smart Flash Cache is supported on Oracle Linux.

- **Oracle ACFS and Oracle ADVM Support**
  Although Oracle ADVM supports raw disks in Oracle Automatic Storage Management disk groups, Oracle ADVM device special files created through raw 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 ASMFD) is supported only on Linux x86-64.

- **Share-based Instance Caging**
  Share-based Instance Caging is supported on Oracle Linux.

### Linking Applications with Oracle Client Libraries for Linux

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 the Linux Platform

Refer to the installation guides for the preinstallation requirements for Oracle Database 20c.

### Known Issues and Bugs for SUSE Linux Enterprise Server 15

This section contains information about issues related to SUSE Linux Enterprise Server 15:

- **Bug 29916735**

**Bug 29916735**

On SUSE Linux Enterprise Server 15, after upgrading Oracle Grid Infrastructure to 19.4 GIRU, CPU usage increases when you run OSWatcher.

**Workaround:**

Perform the following steps:

1. Enter the following command to stop OSWatcher from Oracle Trace File Analyzer (Oracle TFA):

   ```bash
   $ grid_home/bin/tfactl stop oswbb to stop
   ```

2. Add `disown -a` to the main loop inside `OSWatcher.sh`.

3. Set `ulimit` to a sufficiently low value for the user running OSWatcher.

This issue is fixed in OSWatcher 8.3.1. See My Oracle Support Note 301137.1 for more information:

https://support.oracle.com/rs?type=doc&id=301137.1