

Release Schedule of Current Database Releases (Doc ID 742060.1)

Modified: 07-Feb-2022 Type: ANNOUNCEMENT

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APPLIES TO:

Autonomous Database Dedicated - Version NA and later
Autonomous Database on Shared Infrastructure - Version N/A and later
Oracle Database Cloud Service - Version N/A and later
Oracle Database Cloud Exadata Service
Oracle Database - Personal Edition - Version 11.2.0.3 and later
Information in this document applies to any platform.

DETAILS

Disclaimer:

The dates published in this document are for planning and discussion purposes only. It is intended solely to help you plan your I.T. projects. A date that exists in the future should not be considered a firm development date as the release and timing of platform releases are subject to change at any time and are at Oracle's sole discretion.

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The content below represents the most accurate information that Oracle can provide. This is a living document that will change as various milestones are reached and releases go in and out of the product

life cycle. It is intended to give you current information about releases that are covered under the Database's Premier Support (PS) and Extended Support (ES) Lifetime policies. Support cannot provide additional dates not listed in this document; do not log a Service Request asking for a future release date. If you wish to be notified when this document changes, set the article as a Favorite, and follow the instructions for Email Notification in KM Doc ID: 793436.2

What's New

The most recent changes will be highlighted with a "New" or "Updated" icon to help you quickly identify the modifications. (For a history of modifications, see the Change Record Table at the bottom of the document.)

- **NEW Oracle Database 12.2.0.1 is now in Sustaining Support**
- **Oct 2021: 21c for Microsoft Windows released Oct 8, 2021**
- **Sept 2021: 21c for ODA released Sept 16, 2021 and 21c for HP released on Sept 28, 2021**
- **August 2021: Oracle Database 21c (21.3) released on Linux**

Oracle Database Release Roadmap

There are two types of Oracle Database releases: Long Term Release and Innovation Release.

- **Long Term Release:**

Oracle Database Long Term Releases are ideal for use cases that benefit from less frequent upgrades to newer releases. Long Term Releases offer the highest level of stability and the longest length of error correction support. These releases have 5 years of Premier Support followed by 3 years of Extended Support. When combined with Extended Support, customers typically have almost 4 years to upgrade from one Long Term Release to the next Long Term Release.

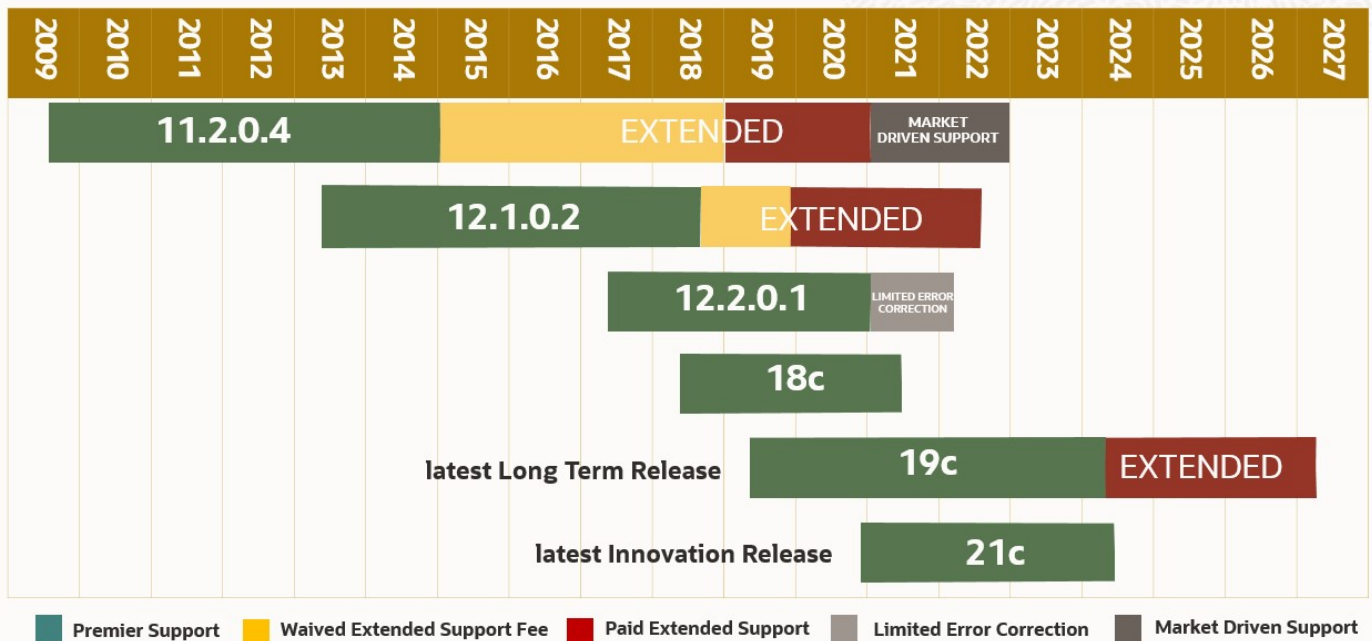
- **Innovation Release:**

In between Oracle Database Long Term Releases, Oracle delivers Oracle Database Innovation Releases that include many enhancements and new capabilities which will also be included in the next Long Term Release. Innovation Releases are designed to enable customers to continuously use leading-edge technologies to rapidly develop or deploy new applications or augment existing applications. Support for Innovation Releases includes at least 2 years of Premier Support, but there is no Extended Support. Production workloads can be deployed on Innovation Releases if upgrading to the next database release within one year after the next database release ships is factored into the deployment plan.

To help you plan ahead, below is a visual roadmap that captures Oracle Database Releases from 11.2 onward, showing the lifetime support stages (Premier, Extended) and the Error Correction windows for each release. Note, not all releases are eligible for Extended Support (i.e. 12.2.0.1, 18c).

Figure 1 - Database Release Roadmap

Database Releases and Support Timelines



Oracle is mindful of the unprecedented economic and business disruption our customers faced in 2020. We decided to not promote our Database 20c Preview version to General Availability. Instead, we incorporated all of the 20c functionality into the 21c release and made 21c available initially in our Autonomous Database Free Tier so that all can test drive the new features and enhancements for free.

- For details on the Database Suite Lifetime Support Policy (incl. Premier, Extended, Sustaining), see [Lifetime Support Policy - Oracle Technology Products](#).
- For details on the Database Suite Error Correction Policy (incl. Patching end dates and grace periods), see [Database, FMW, EM Grid Control, and OCS Software Error Correction Support Policy \(Doc ID 209768.1\)](#).
- For details on Global Database Extended Support (ES) Fee Waivers, and Limited Error Correction, see [Oracle Software Technical Support Policies](#) Section 3 "Lifetime Support" subtitle "Exceptions".

Table 1 - Patching End Dates for Roadmap

| Release | Patching End Date | Notes and Exceptions |
|--------------------------------------|---|---|
| NEW 21c Innovation Release | April 30, 2024 | <ul style="list-style-type: none"> • Error Correction / Patching is available until April 30, 2024 • 21c is not eligible for Extended Support (ES) • Only quarterly Release Updates (RUs) are provided for 21c. Release Update Revisions (RURs) are limited to Long Term Releases. |
| 19c Long Term Release | April 30, 2024 with no ES/ULA April 30, 2027 with ES/ULA | <ul style="list-style-type: none"> • Premier Support (PS) ends April 30, 2024, Extended Support (ES) fees will be required beginning May 01, 2024 through April 30, 2027 • Error Correction / Patching is available through April 30, 2027 with paid ES. Without paid ES, patching is only available until April 30, 2024 |

| | | |
|--|--|--|
| <p>18c Innovation Release</p> | <p>Jun 30, 2021</p> | <ul style="list-style-type: none"> • Error Correction / Patching was available until Jun 30, 2021. 18c is now in Sustaining Support. • 18c is not eligible for Extended Support (ES) |
| <p>12.2.0.1</p> | <p>March 31, 2022 (Limited Error Correction from Dec 1, 2020 through March 31, 2022)</p> | <ul style="list-style-type: none"> • Error Correction / Patching is available until Nov 30, 2020 • Limited Error Correction (Sev 1 and Security Updates only) See Note 161818.1 for details. • 12.2.0.1 is not eligible for Extended Support (ES) |
| <p>12.1.0.2 Terminal Release</p> | <p>Jul 31, 2022 with paid ES, ULA, or EBS waiver</p> | <ul style="list-style-type: none"> • Premier Support (PS) ended Jul 31, 2018 and one year of free Extended Support (ES) was in effect until July 31, 2019. • ES fees or a ULA was required beginning 01-Aug-2019 through 31-Jul-2022. Without paid ES or ULA, patching ends 31-Jul-2019. • We have a global ES uplift fee waiver in place for E-Business customers, see details and dates of expiration see: <i>Extended Support Fee Waiver for Oracle Database 12.1 and 11.2 for Oracle E-Business Suite (Doc ID 2522948.1)</i> or <i>Technical Support Policy Document</i>. <p><i>* One additional year (01-Aug-2021 through 31-July-2022) has been added to the 12.1.0.2 DB Extended Support time frame with the following exceptions:</i></p> <ul style="list-style-type: none"> • Apple Macintosh platform patching end date (Error Correction end date) is July 31, 2021. • Microsoft Windows platform exception has changed. Regardless of the version used to run the 12.1.0.2 Database, Oracle built the 12.1.0.2 Database on Microsoft Windows 2008. This platform reached end-of-life support on January 14, 2020. However, we will make reasonable efforts to deliver patches for the Database 12.1.0.2 on Windows until July 2022, as long as our tooling continues to function. |
| <p>12.1.0.1</p> | <p>Aug 31, 2016</p> | <ul style="list-style-type: none"> • Error Correction / Patching has ended for this release • 12.1.0.1 is not eligible for Extended Support (ES) • 12.1.0.1 was the last release of Standard Edition (SE) and Standard Edition One (SE1) |
| <p>11.2.0.4 Terminal Release for 11.2</p> | <ul style="list-style-type: none"> • Dec 31, 2020 (with paid Extended Support or ULA Extended Support or EBS Waiver) • Dec 31, 2022 (with Market Driven Support) | <ul style="list-style-type: none"> • Premier Support (PS) ended 31-Jan-2015 and one year of free Extended Support (ES) was in effect until Dec 31, 2018. • ES fees or a ULA was required beginning Jan 1, 2019 through Dec 31, 2020. At the end of ES, Market Driven Support (MDS) will be available for two additional years. See https://www.oracle.com/a/ocom/docs/ds-mds-database-11g-r2.pdf • Oracle has a global Extended Support Uplift Fee waiver in place for E-Business customers, see details and dates of expiration see: <i>Extended Support Fee Waiver for Oracle Database 12.1 and 11.2 for Oracle</i> |

| | Release | Release | | | | | |
|---|---|--|--------------------|-------------|----------|----------|----------|
| <u>Oracle Public Cloud Releases</u> | | | | | | | |
| Exadata Express Cloud Service | <i>Not Planned</i> | <i>Not Planned</i> | <i>Not Planned</i> | 18-Sep-2016 | N/A | | |
| Database Cloud Service¹ | 08-Dec-2020 available on VM (RAC or single-instance) and Bare Metal (single-instance) | OCI DB System - VM: Jul-2019 OCI DB System - Bare Metal: April 2020 | 1-Mar-2018 | 4-Nov-2016 | Sep-2014 | N/A | Sep-2014 |
| Exadata Cloud Service¹ | TBA | 19-Jun-2019 | Jun-2018 | 4-Nov-2016 | Oct-2015 | N/A | Oct-2015 |
| <u>Exadata Cloud at Customer¹</u> | TBA | 17-Sep-2019 | May-2018 | 2-May-2017 | Dec-2016 | N/A | |
| Autonomous Database on Dedicated Exadata Infrastructure² | TBA | 26-Jun-2019 | N/A | N/A | N/A | N/A | |
| Autonomous Database on Exadata Cloud@Customer² | TBA | 08-Jul-2020 | N/A | N/A | N/A | N/A | |
| Autonomous Database on Shared Exadata Infrastructure² | TBA | 15-Mar-2020 | 18-Mar-2018 | N/A | N/A | N/A | |
| <u>On-Premises Engineered Systems</u> | | | | | | | |
| <i>(Same software as released for other platforms but tested on Engineered Systems)</i> | | | | | | | |
| Oracle Database Appliance | 16-Sep-2021 | 16-Oct-2019 | 7-Mar-2018 | 17-Nov-2017 | Apr 2014 | N/A | Oct 2013 |
| Exadata | 13-Aug-2021 | 13-Feb-2019 | 16-Feb-2018 | 10-Feb-2017 | Oct 2014 | Mar 2013 | Nov 2013 |
| Supercluster | TBA | 26-Apr-2019 | 12-Mar-2018 | 10-Feb-2017 | Nov 2014 | Apr 2014 | Dec 2013 |

On-Premises Server Releases (includes client)

(Download here)

| | | | | | | | | |
|---------------------------------------|--------------------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|
| Linux x86 | <i>Not Planned</i> | <i>Not planned</i> | <i>Not planned</i> | <i>Not planned</i> | <i>Not planned</i> | <i>Not planned</i> | <i>Not planned</i> | 28-Aug-2013 |
| Linux x86-64 | 13-Aug-2021 | 25-Apr-2019 | 23-Jul-2018 | 1-Mar-2017 | 22-Jul-2014 | 25-Jun-2013 | 27-Aug-2013 | 27-Aug-2013 |
| Oracle Solaris SPARC (64-bit) | <i>Not Planned</i> | 26-Apr-2019 | 30-Jul-2018 | 1-Mar-2017 | 22-Jul-2014 | 25-Jun-2013 | 29-Aug-2013 | 29-Aug-2013 |
| Oracle Solaris x86-64 (64-bit) | Platform desupported | 07-Nov-2019 Terminal Release | 6-Aug-2018 | 1-Mar-2017 | 22-Jul-2014 | 25-Jun-2013 | 29-Aug-2013 | 29-Aug-2013 |
| Microsoft Windows x64 (64-bit) | 08-Oct-2021 | 08-Jun-2019 | 21-Aug-2018 | 16-Mar-2017 | 25-Sep-2014 | 9-Jul-2013 | 25-Oct-2013 | 25-Oct-2013 |
| OpenVMS Itanium | <i>Platform desupported</i> | Platform desupported | <i>Platform desupported</i> | <i>Platform desupported</i> | <i>Platform desupported</i> | <i>Platform desupported</i> | <i>Platform desupported</i> | <i>Terminal Release</i> |
| HP-UX Itanium⁷ | 28-Sept-2021 | 28-May-2019 | 20-Nov-2018 | 13-Apr-2017 | 14-Nov-2014 | 9-Jan-2014 | 10-Oct-2013 | 10-Oct-2013 |
| HP-UX PA-RISC (64-bit) | <i>Platform desupported</i> | <i>Platform desupported</i> | <i>Platform desupported</i> | <i>Platform desupported</i> | <i>Platform desupported</i> | <i>Platform desupported</i> | <i>Platform desupported</i> | 2-Jan-2014 |
| IBM AIX on POWER Systems | See DOC ID 2766930.1 | 28-May-2019 | 20-Nov-2018 | 13-Apr-2017 | 14-Nov-2014 | 9-Jan-2014 | 10-Oct-2013 | 10-Oct-2013 |
| IBM Linux on System z | See DOC ID 2766930.1 | 06-June-2019 | 20-Nov-2018 | 6-Jun-2017 | 14-Nov-2014 | 9-Jan-2014 | 9-Jan-2014 | 9-Jan-2014 |
| Microsoft Windows (32-bit) | <i>Client Only - Oct 2021</i> | <i>Client only - June 2019</i> | <i>Not planned</i> | <i>Not planned</i> | <i>Not planned</i> | <i>Not planned</i> | <i>Not planned</i> | 25-Oct-2013 |
| Platform | 21c | 19 | 18 | 12.2.0.1 | 12.1.0.2 | 12.1.0.1 | 11.2.0.4 | 11.2.0.4 |

Instant Client-Only Releases

| | | | | | | | |
|---|--|--------------|----------|-------------|---|--------------------|---|
| Apple macOS (Intel) download | | 10-Sept-2019 | Mar-2018 | 15-Jan-2018 | 2016 | <i>Not planned</i> | 20-Apr-2014 Download |
| IBM Linux on POWER (Big Endian) | | | | | 18-Dec-2015 (download) | | 4-Dec-2014 |

| | | | | | | | |
|---|-----|--------------------------------------|---|--|---|--|--|
| IBM Linux on POWER (Little Endian) download | | Jul-2019 download | 31-Oct-2018 (download) | 7-Jun-2017 (download) | 18-Dec-2015 (download) | | |
| Linux on ARM | TBA | May-2021 download | | | | | |

¹ Oracle Database Cloud Service, Exadata Cloud Service, and Exadata Cloud@Customer follow the same support life and error correction schedule as on-premises dates unless otherwise noted in Table 1 above (for example, 11.2.0.4 MDS). Also, Extended Support is bundled with these services and does not require additional fees. These services will not be covered under Sustaining Support and Oracle makes no commitment that any cloud service instances will continue to run after the end of their support life (Premier, extended, error correction, or MDS).

² Oracle's current plan for Oracle Autonomous Database - Shared Exadata Infrastructure, Oracle Autonomous Database - Dedicated Exadata Infrastructure, Autonomous Database on Exadata Cloud@Customer services is to support Long Term Release versions for a similar period of time found for those major releases when deployed on-premises. The intent of this plan is to provide stability of service experience for the thousands of critical database deployments found in Oracle Cloud. Additionally, we will at times make available Innovation Releases as part of the Autonomous Database Cloud Services. Innovation Releases, when provided, will be supported for a shorter period of time as compared to a Long Term Release, similar to what is found for those releases when deployed on-premises. Oracle reserves the right to change this plan with changing business requirements. Any change will take into account that stability is of utmost importance to Oracle's many thousands of mission critical deployments.

References for Client-Only:

<https://www.oracle.com/technetwork/database/enterprise-edition/downloads/oracle19c-linux-5462157.html>

<https://www.oracle.com/technetwork/database/enterprise-edition/downloads/oracle19c-windows-5539283.html>

32-bit Linux & Windows Instant Clients,

<https://www.oracle.com/database/technologies/instant-client/linux-x86-32-downloads.html>

<https://www.oracle.com/database/technologies/instant-client/microsoft-windows-32-downloads.html>

Legend:

- Qn CYyyyy: Date falls within the Calendar Year specified.
- **1H or 2H CYyyyy:** Date falls within the 1st half (six months) or 2nd half of Calendar Year. For example 1H CY2009 means "some time within the first six months of 2009".
- TBA = Schedule To Be Announced

ACTIONS

The dates published in this document are for planning and discussion purposes only.

CONTACTS

Change History (2020-2021)

Only significant changes to content (such as new or changed dates, new releases, or clarifications) beginning Jan 1, 2020 are listed below. Minor wording or formatting changes are not recorded.

| Date | What Changed? |
|-------------|---|
| 11-Nov-2021 | Wording for Cloud services modified to say: These services will not be covered under Sustaining Support and C instances will continue to run after the end of their support life (Premier, extended, error correction, or MDS). |
| 20-Oct-2021 | Added release dates for 21c on ODA, HP, Windows |
| 13-Aug-2021 | Oracle Database 21.3 released on Linux with a patching end date of April 30, 2024 |
| 08-Jun-2021 | Oracle will use best effort to support the Oracle 12.1.0.2 Database on Microsoft Windows until July 2022. See |
| 03-Jun-2021 | Added Market Driven Support is not available for PSM-based OCI DBCS, in 11.2.0.4 |
| 05-May-2021 | Oracle Instant Client 19.10 released on Linux on ARM |
| 04-May-2021 | Oracle is not planning to release 21c on IBM AIX Power Systems and IBM Linux on System Z (Added link to Do |
| 16-Dec-2020 | Updated Table 1 11.2.0.4 Market Driven Support bullet for Database Cloud Services |
| 08-Dec-2020 | Updated Roadmap, Added 21c information |
| 23-Nov-2020 | Changed end date for 18c from June 08, 2021 to June 30, 2021 to match contract date requirements. |
| 12-Oct-2020 | Added OpenVMS Itanium Support dates that will extend their support until Dec 31, 2021. See Table 1 - 11.2.0 |
| 02-Sep-2020 | Added additional information around 11.2.0.4 DBCS and Market Driven Support. See Table 1- 11.2.0.4 section |
| 03-Aug-2020 | <p>Because 12.2.0.1 LEC applies to all on-prem and DB cloud services, removed the following from 12.2.0.1 bullet ExaCC, OCC DBCS, and ODA (UPDATED)'. Added a comment that MDS does not apply to DBCS (This comment was removed 02-Sep-2020) Amended 12.1.0.2 EXS extension to specifically call out the Windows exception <i>end date</i> is the 'Patching/Error Windows platforms will still show as July 31, 2022 due to a tool limitation but patching (including bundles) will</p> |
| 10-Jun-2020 | Added Long Term and Innovation release definitions, added updated Premier and Extended Support dates for : platform, clarified the 12.2.0.1 additional 3 months of support for Gen 1 ExaCC, OCC DBCS, and ODA has beer |
| 15-Apr-2020 | Added Limited Error Correction for 12.2.0.1 from Dec 1, 2020- until March 31, 2022 |
| 23-Mar-2020 | <p>Gen 1 ExaCC, OCC DBCS, and ODA will have 3 additional months of support life. The end of life dates for data</p> <ul style="list-style-type: none"> • 11.2.0.4: 31-March 2021 • 12.2.0.1: 28-Feb-2021 |

Jan 28,
2020

Restructured original document, removed older releases that are no longer covered under Premier or Extended contained in other documents, Added estimated release dates for annual release 20c.

REFERENCES

[NOTE:161818.1](#) - Oracle Database (RDBMS) Releases Support Status Summary

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