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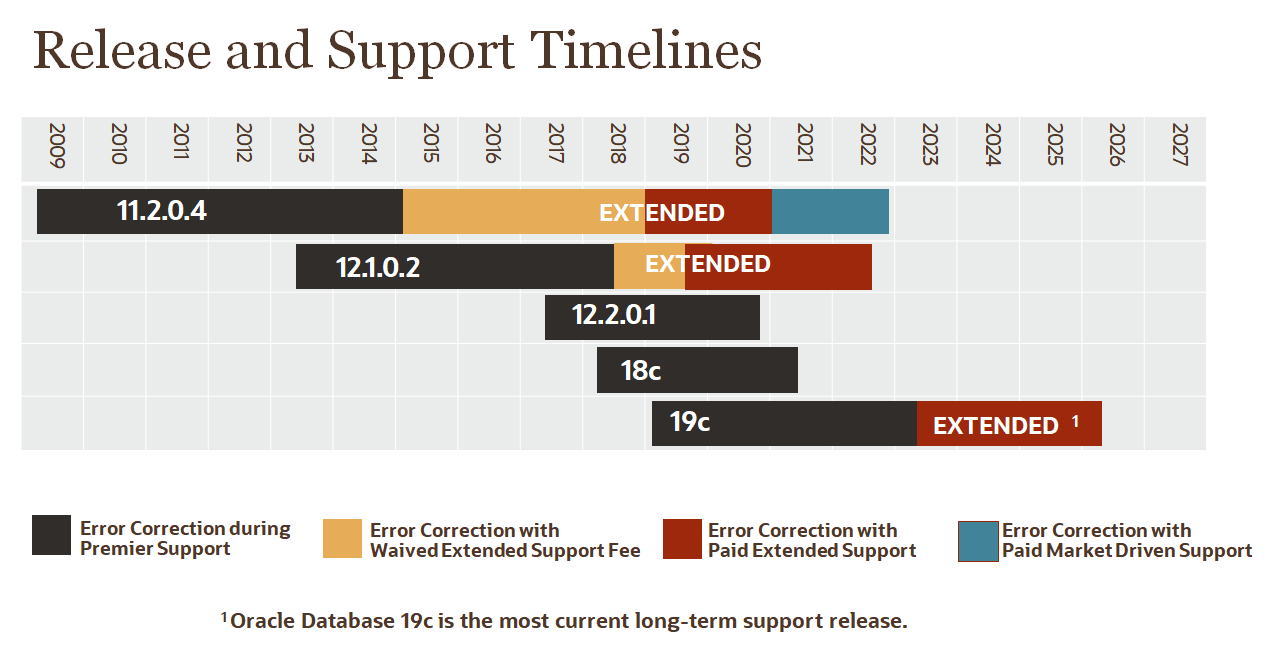




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Because Support cannot provide additional dates not listed in this document, please do not log a Service Request asking for a schedule update. If you wish to be notified when this document changes, set the article as a*Favorite*, and follow the instructions for Email Notification in KM Doc ID: 793436.2  **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 futrue 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.  Your access to and use of this confidential material is subject to the terms and conditions of your Oracle Software License and Service Agreement, which has been executed and with which you agree to comply. This document and information contained herein may not be disclosed, copied, reproduced or distributed to anyone outside of the licensed organization without prior written consent of Oracle. This document is not part of your license agreement nor can it be incorporated into any contractual agreement with Oracle or its subsidiaries or affiliates.**  **What's New in this Document?**  **The most recent changes will be highlighted with a new () or updated () icon to help you quickly identify the most recent modifications*.  Also, see the Change Record Table at the bottom of the document.***     * **Dec 2019: Market Driven Support has been announced for Oracle Database 11.2.0.4** * **Dec 2019: One additional year granted for 12.1.0.2 Extended Support - New end date July 31, 2022** * **Nov 2019: Modified PS dates for 12.2.0.1 and 18c to match LSP document** * **Nov 2019: 19c Database for Solaris x86 (64bit) - released**   **Oracle Database Release Roadmap**  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.  Not all releases are eligible for Extended Support (i.e. 12.2.0.1, 18c).  *Figure 1 - Database Release Roadmap* |



* For details on the Database Suite Lifetime Support Policy (incl. Premier, Extended, Sustaining), see [Lifetime Support Policy - Oracle Technology Products](http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf" \o "link to Lifetime Support Policy datasheet" \t "_blank).
* 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)](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=742060.1&id=209768.1).
* For details on Global Database Extended Support (ES) Fee Waivers, see [Oracle Software Technical Support Policies](http://www.oracle.com/us/support/library/057419.pdf) Section 3 "Lifetime Support" subtitle "Exceptions". During the waiver window, you will continue to receive the same level of Support that you had under Premier Support. After an ES waiver expires, you will need to cover your databases with a paid ES or a ULA that includes ES.

 Table 1 - Patching End Dates for Roadmap

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|  |  |  |
| --- | --- | --- |
| **Release** | [**Patching End Date**](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=742060.1&id=209768.1) | **Notes and Exceptions** |
| **19c**  Long-Term Release | **Mar 31, 2023 with no ES/ULA**  **Mar 31, 2026 with ES/ULA** | * Premier Support (PS) ends Mar 31, 2023, Extended Support (ES) fees will be required beginning Apr 01, 2023 through Mar 31, 2026 * Error Correction / Patching is available through Mar 31, 2026 with paid ES. Without paid ES, patching is only available until Mar 31, 2023. |
| **18c**  Annual Release | **Jun 08, 2021** | * Error Correction / Patching is available until Jun 08, 2021 * 18c is not eligible for Extended Support (ES) |
| **12.2.0.1**  Annual Release | **Nov 20, 2020** | * Error Correction / Patching is available until Nov 20, 2020 * 12.2.0.1 is not eligible for Extended Support (ES) |
| **12.1.0.2**  Terminal Release | **Jul 31, 2022 with paid ES, ULA, or EBS waiver** | * 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 is required beginning **01-Aug-2019 through 31-Jul-2022**. Without paid ES or ULA, patching ends 31-Jul-2019.   The final year of Extended Support (Aug 1, 2021 through July 31, 2022) will not include Microsoft Windows 2008 platforms or Apple Mac Clients. * We have a global ES fee waiver in place for E-Business customers, see details and dates of expiration see: Extended Support Fee Waiver for Oracle Database 12.1 and 11.2 for Oracle E-Business Suite (Doc ID 2522948.1) or Technical Support Policy Document. |
| **12.1.0.1** | **Aug 31, 2016** | * 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) |
| **11.2.0.4**  Terminal Release | **Dec 31, 2020 with paid ES, ULA, or EBS waiver** | * 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 one additional year (this is a special paid offering through ACS and doesn't include Security fixes.)  For more details, see datasheet at: https://www.oracle.com/a/ocom/docs/ds-mds-database-11g-r2.pdf * We have a global ES fee waiver in place for E-Business customers, see details and dates of expiration see: Extended Support Fee Waiver for Oracle Database 12.1 and 11.2 for Oracle E-Business Suite (Doc ID 2522948.1) or Technical Support Policy Document. |

### ****Recommended Upgrade Path****

**Oracle recommends the following upgrade options:**

* For product longevity and patching, Oracle strongly recommends upgrading to19c which is the Long Term Support Release with a support end date of March 31, 2026 (or March 31, 2023 if you choose not to pay Extended Support fees or purchase a ULA).
* If you are currently running 11.2.x/12.1.x you will need to upgrade to the terminal release (i.e. 11.2.0.4/12.1.0.2) for the DB Release you are running and then continue the upgrade process by upgrading to the 19c.
* If you are currently running 12.2.0.1 or 18c, you should upgrade to 19c before the error correction grace periods expire**.**

For questions related to certification combinations and Lifetime Support agreements with other Oracle products like Oracle E-Business Suite, Oracle JD Edwards, Oracle PeopleSoft, and Oracle Siebel, please contact your Oracle Account Representative.

### ****Oracle Database Release Schedule****

These are server releases unless otherwise specified. Server releases always include the native word size client (e.g. 64-bit). Where the platform supports it, a 32-bit and 64-bit client is also part of the release.

Table 2 - Database Release Schedule

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Platform** | **20c** | **19c** | **18c** | **12.2.0.1** | **12.1.0.2** | **12.1.0.1** | [**11.2.0.4**](https://support.oracle.com/epmos/faces/ui/patch/PatchDetail.jspx?parent=DOCUMENT&sourceId=742060.1&patchId=13390677) |
| **Oracle Public Cloud Releases** | | | | | | | | | |
| **Exadata Express Cloud Service** |  |  | TBD | 18-Sep-2016 | N/A | | | |
| **Database Cloud Service** | TBA | OCI DB System - VM: 8-Jul-2019  OCI DB System - Bare Metal: 2HCY19 | 1-Mar-2018 | 4-Nov-2016 | Sep-2014 | N/A | Sep-2014 |  | | |
| **Exadata Cloud Service** | TBA | 19-Jun-2019 | Jun-2018 | 4-Nov-2016 | Oct-2015 | N/A | Oct-2015 |  | | |
| **Exadata Cloud at Customer** | TBA | 17-Sep-2019 | May-2018 | 2-May-2017 | Dec-2016 | N/A | | | | | |
| **On-Premises Engineered Systems** Same software as released for other platforms but tested on Engineered Systems | | | | | | | | | |  | | |
| **Oracle Database Appliance** | CY2020 | Oct 2019 | 7-Mar-2018 | 17-Nov-2017 | Apr 2014 | N/A | Oct 2013 |  | | | | | | | |
| **Exadata** | CY2020 | 13-Feb-2019 | 16-Feb-2018 | 10-Feb-2017 | Oct 2014 | Mar 2013 | Nov 2013 |  | | | | | | | |
| **Supercluster** | CY2020 | 2HCY19 | 12-Mar-2018 | 10-Feb-2017 | Nov 2014 | Apr 2014 | Dec 2013 |  | | | | | | | |
| **On-Premises Server Releases (includes client)** [**(Download here)**](https://www.oracle.com/database/technologies/oracle-database-software-downloads.html) | | | | | | | | | |  | | |  | |  | |
| **Linux x86** | Not planned | Not planned | Not planned | Not planned | Not planned | Not planned | 28-Aug-2013 |  | | |  | | |  | |
| **Linux x86-64** | CY2020 | 25-Apr-2019 | 23-Jul-2018 | 1-Mar-2017 | 22-Jul-2014 | 25-Jun-2013 | 27-Aug-2013 |  | | |  | | |  | |
| **Oracle Solaris SPARC (64-bit)** | CY2020 | 26-Apr-2019 | 30-Jul-2018 | 1-Mar-2017 | 22-Jul-2014 | 25-Jun-2013 | 29-Aug-2013 |  | | |  | | |  | |
| **Oracle Solaris x86-64 (64-bit)** | CY2020 | 07-Nov-2019 | 6-Aug-2018 | 1-Mar-2017 | 22-Jul-2014 | 25-Jun-2013 | 29-Aug-2013 |  | | |  | | |  | |
| **Microsoft Windows x64 (64-bit)** | CY2020 | 08-Jun-2019 | 21-Aug-2018 | 16-Mar-2017 | 25-Sep-2014 | 9-Jul-2013 | 25-Oct-2013 |  | | |  | | |  | |
| **HP-UX Itanium**[7](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=277101538505509&id=742060.1&displayIndex=1&_afrWindowMode=0&_adf.ctrl-state=14rvak54d3_237#foot9) | CY2020 | 28-May-2019 | 20-Nov -2018 | 13-Apr-2017 | 14-Nov-2014 | 9-Jan-2014 | 10-Oct-2013 |  | | |  | | |  | |
| **HP-UX PA-RISC (64-bit)** | Platform desupported | Platform desupported | Platform desupported | Platform desupported | Platform desupported | Platform desupported | 2-Jan-2014 |  | | |  | | |  | |
| **IBM AIX on POWER Systems** | CY2020 | 28-May-2019 | 20-Nov -2018 | 13-Apr-2017 | 14-Nov-2014 | 9-Jan-2014 | 10-Oct-2013 |  | | |  | | |  | |
| **IBM Linux on System z** | CY2020 | 06-June-2019 | 20-Nov -2018 | 6-Jun-2017 | 14-Nov-2014 | 9-Jan-2014 | 9-Jan-2014 |  | | |  | | |  | |
| **Microsoft Windows (32-bit)** | Not planned | Client only - June 2019 | Not planned | Not planned | Not planned | Not planned | 25-Oct-2013 |  | | |  | | |  | |
| **Platform** |  | **19** | **18** | **12.2.0.1** | **12.1.0.2** | **12.1.0.1** | [**11.2.0.4**](https://support.oracle.com/epmos/faces/ui/patch/PatchDetail.jspx?parent=DOCUMENT&sourceId=742060.1&patchId=13390677) |  | | |  | | |  | |
| **Instant Client-Only Releases** | | | | | | | | | |  | | |  | |  | |
| **Apple macOS (Intel)**[download](http://www.oracle.com/technetwork/topics/intel-macsoft-096467.html) |  | Available | Mar-2018 | 15-Jan-2018 | 2016 | Not planned | 20-Apr-2014 [Download](http://www.oracle.com/technetwork/topics/intel-macsoft-096467.html) |  | | |  | | |  | |
| **IBM Linux on POWER (Big Endian)** |  |  |  |  | 18-Dec-2015 ([download](http://www.oracle.com/technetwork/topics/linuxpower64-092516.html)) |  | 4-Dec-2014 |  | | |  | | |  | |
| **IBM Linux on POWER (Little Endian)**  [**download**](https://www.oracle.com/database/technologies/instant-client/linux-power-le-64-downloads.html) |  | Jul-2019  [**download**](https://www.oracle.com/database/technologies/instant-client/linux-power-le-64-downloads.html) | 31-Oct-2018 [(download)](https://www.oracle.com/technetwork/topics/linux-power-le-2835260.html) | 7-Jun-2017 [(download)](http://www.oracle.com/technetwork/topics/linux-power-le-2835260.html) | 18-Dec-2015 [(download)](http://www.oracle.com/technetwork/topics/linux-power-le-2835260.html) |  |  |  | | |  | | |  | |
| ***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***](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/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