

## Release Schedule of Current Database Releases (Doc ID 742060.1)

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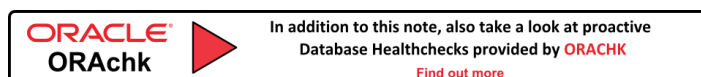
### APPLIES TO:

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Oracle Database - Personal Edition - Version 10.1.0.5 and later  
Oracle Database - Standard Edition - Version 10.1.0.5 and later  
Oracle Database - Enterprise Edition - Version 10.1.0.5 and later  
Information in this document applies to any platform.

### DETAILS

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Below is the schedule and pertinent support information for currently released Oracle Database base releases and patch sets. A patch set is only added once it is released on the base platform, so no future patch sets are shown. The table below represents the most accurate information Oracle can provide, and is updated frequently.

Unless otherwise noted all information applies equally to all editions of Oracle Database - from a maintenance point of view they are exactly the same.

Because Support cannot provide any dates other than these to customers, please do not log a Service Request asking for a schedule update.

#### 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. The dates are not a firm development plan. The release and timing of any platforms are subject to change at any time and at Oracle's sole discretion.**

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## What's New?

- **1-Mar-2018 - 18c released in OCI and OCI-C Database services** (note: we earlier indicated in error these were released 16-Feb)
- **16-Feb-2018 - 18c is released for Exadata and [LiveSQL.oracle.com](https://www.oracle.com/livesql/)**

## 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. Releases are either base releases (e.g. 12.1.0.1) or patch set releases (e.g. 12.1.0.2). For information on Patch Set Updates, see [Patch Set Updates for Oracle Products \(Doc ID 854428.1\)](#).

Click on the version number in the heading to get to the download page for that patch set.

**To be notified when this document changes:** Mark this article as a Favorite, and follow the instructions for Email Notification in "Staying Informed" section of [My Oracle Support Resource Center for New Users \(Doc ID 1959163.1\)](#).

Platform	<a href="#">18<sup>13</sup></a>	<a href="#">12.2.0.1</a>	<a href="#">12.1.0.2<sup>11</sup></a>	<a href="#">12.1.0.1<sup>2,12</sup></a>	<a href="#">11.2.0.4<sup>10</sup></a>	<a href="#">11.2.0.3</a>	<a href="#">11.2.0.2</a>	<a href="#">11.2</a>
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### Oracle Public Cloud Releases

Exadata Express Cloud Service	TBD	18-Sep-2016	N/A			
Database Cloud Service - Classic	1-Mar-2018	4-Nov-2016	Sep-2014	N/A	Sep-2014	N/A
Oracle Cloud Infrastructure - Database	1-Mar-2018					
Exadata Cloud Service	1H2018	4-Nov-2016	Oct-2015	N/A	Oct-2015	N/A
Exadata Cloud at Customer	TBD	2-May-2017	Dec-2016	N/A		
Oracle Cloud at Customer	TBD	2-May-2017	Aug-2016	N/A		

### On-Premises Engineered Systems Same software as released for other platforms but tested on Engineered Systems

<b>Oracle Database Appliance</b>	7-Mar-2018	17-Nov-2017	Apr 2014	N/A	Oct 2013			
<b>Exadata</b>	16-Feb-2018	10-Feb-2017	Oct 2014	Mar 2013	Nov 2013			
<b>Supercluster</b>	12-Mar-2018	10-Feb-2017	Nov 2014	Apr 2014	Dec 2013			
<b>MiniCluster (Solaris)</b>	TBD	1HCY2017						

<b>SPARC)</b>								
<b><u>On-Premises Server Releases (includes client)</u></b>								
<b>Linux x86</b>	<i>Not planned</i>	<i>Not planned</i>	<i>Not planned</i>	<i>Not planned</i>	28-Aug-2013	23-Sep-2011	13-Sep-2010	1-Sep-2009
<b>Linux x86-64</b>	23-Jul-2018	1-Mar-2017	22-Jul-2014	25-Jun-2013	27-Aug-2013	23-Sep-2011	13-Sep-2010	1-Sep-2009
<b>Oracle Solaris SPARC (64-bit)</b>	Jul -2018 <sup>13</sup>	1-Mar-2017	22-Jul-2014	25-Jun-2013	29-Aug-2013	1-Oct-2011	24-Sep-2010	6-Nov-2009
<b>Oracle Solaris x86-64 (64-bit)</b>	Aug -2018 <sup>13</sup>	1-Mar-2017	22-Jul-2014	25-Jun-2013	29-Aug-2013	1-Oct-2011	24-Sep-2010	25-Nov-2009
<b>Microsoft Windows x64 (64-bit)</b>	Jul -2018 <sup>13</sup>	16-Mar-2017	25-Sep-2014	9-Jul-2013	25-Oct-2013	11-Nov-2011	15-Dec-2010	2-Apr-2010
<b>HP-UX Itanium<sup>9</sup></b>	Aug -2018 <sup>13</sup>	13-Apr-2017	14-Nov-2014	9-Jan-2014	10-Oct-2013	29-Oct-2011	19-Oct-2010	22-Dec-2009
<b>HP-UX PA-RISC (64-bit)</b> See <a href="#">footnote 8</a> below	<i>Platform desupported<sup>8</sup></i>	<i>Platform desupported<sup>8</sup></i>	<i>Platform desupported<sup>8</sup></i>	<i>Platform desupported<sup>8</sup></i>	2-Jan-2014	16-Feb-2012	15-Mar-2011	20-Mar-2010
<b>IBM AIX on POWER Systems</b>	Aug -2018 <sup>13</sup>	13-Apr-2017	14-Nov-2014	9-Jan-2014	10-Oct-2013	29-Oct-2011	19-Oct-2010	22-Dec-2009
<b>IBM Linux on System z</b>	Aug -2018 <sup>13</sup>	6-Jun-2017	14-Nov-2014	9-Jan-2014	9-Jan-2014	1-Dec-2011	30-Mar-2011	<i>Not planned</i>
<b>Microsoft Windows (32-bit)</b>	<i>Not planned</i>	<i>Not planned</i>	<i>Not planned</i>	<i>Not planned</i>	25-Oct-2013	11-Nov-2011	15-Dec-2010	5-Apr-2010
<b>Platform</b>	<b>18<sup>13</sup></b>	<b>12.2.0.1</b>	<b>12.1.0.2<sup>11</sup></b>	<b>12.1.0.1<sup>2,12</sup></b>	<b>11.2.0.4<sup>10</sup></b>	<b>11.2.0.3</b>	<b>11.2.0.2</b>	<b>11.2</b>

### **Instant Client-Only Releases**

<b>Apple macOS (Intel)</b> <a href="#">download</a>		TBD	2016	<i>Not planned</i>	20-Apr-2014 <a href="#">Download</a>	31-Jan-2013 <i>Instant Client only</i>	<i>Not planned</i>	<i>Not planned</i>
<b>IBM Linux on POWER (Big Endian)</b>			18-Dec-2015 ( <a href="#">download</a> )		4-Dec-2014			
<b>IBM Linux on POWER (Little Endian)</b>		7-Jun-2017 ( <a href="#">download</a> )	18-Dec-2015 ( <a href="#">download</a> )					

Older Server Releases

<b>Apple Mac OS X (PowerPC)</b>	<i>Platform desupported</i>							
<b>HP OpenVMS Alpha</b>	<i>Platform desupported</i>							
<b>HP OpenVMS Itanium</b>					23-Jul-2015			
<b>HP Tru64 UNIX</b>	<i>Platform desupported</i>							
<b>IBM Linux on POWER</b>	<i>Platform desupported</i> (see <a href="#">Doc ID 1310584.1</a> )							
<b>IBM z/OS on System z</b>	<i>Platform desupported</i> (see <a href="#">Doc ID 461234.1</a> )							
<b>Linux Itanium<sup>9</sup></b>	<i>Platform desupported</i> (see <a href="#">Doc ID 1130325.1</a> )							
<b>Microsoft Windows Itanium (64-bit)<sup>9</sup></b>	<i>Platform desupported</i> (see <a href="#">Doc ID 1307745.1</a> )							
<b>Oracle Solaris x86 (32-bit)</b>	<i>Platform desupported</i>							
<b>Platform</b>	<b>18</b>	<b>12.2.0.1</b>	<b>12.1.0.2<sup>11</sup></b>	<b>12.1.0.1<sup>2,12</sup></b>	<b>11.2.0.4<sup>10</sup></b>	<b>11.2.0.3</b>	<b>11.2.0.2</b>	<b>11.2</b>

Legend:

**Sched TBA** = Schedule To Be Announced

**DD-MMM-YYYY**: Available, date shown is when the patch set was made available on My Oracle Support/MetaLink

**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".

**Qn CYyyyy**: Date falls within the nth **Q**uarter (3 month period) of the **C**alendar **Y**ear specified. For example Q2 CY 2009 means "sometime within the second quarter of 2009, ie between April and June 2009".

**Unsupported platform** - means that no further Database releases will be ported to this platform

**Release Roadmap**

To help you plan ahead, below is a roadmap of patch sets for Oracle Database major releases 11.1 and beyond, showing planned release dates and the duration of their support lives in relationship to the overall release life. The chart is by nature somewhat simplified so be sure to read the details below it to help you interpret it correctly.

Information is shown for current major or annual releases since 11.2. Patchsets and releases come out on different platforms over time, and the bars start with the first release anywhere, including in the Oracle Cloud. Once released on the first platforms (usually Linux), the schedule for release on other platforms will be added to the table above.

NOTE: Some users may not be able to see the roadmap image below. Click [here](#) to download the image.

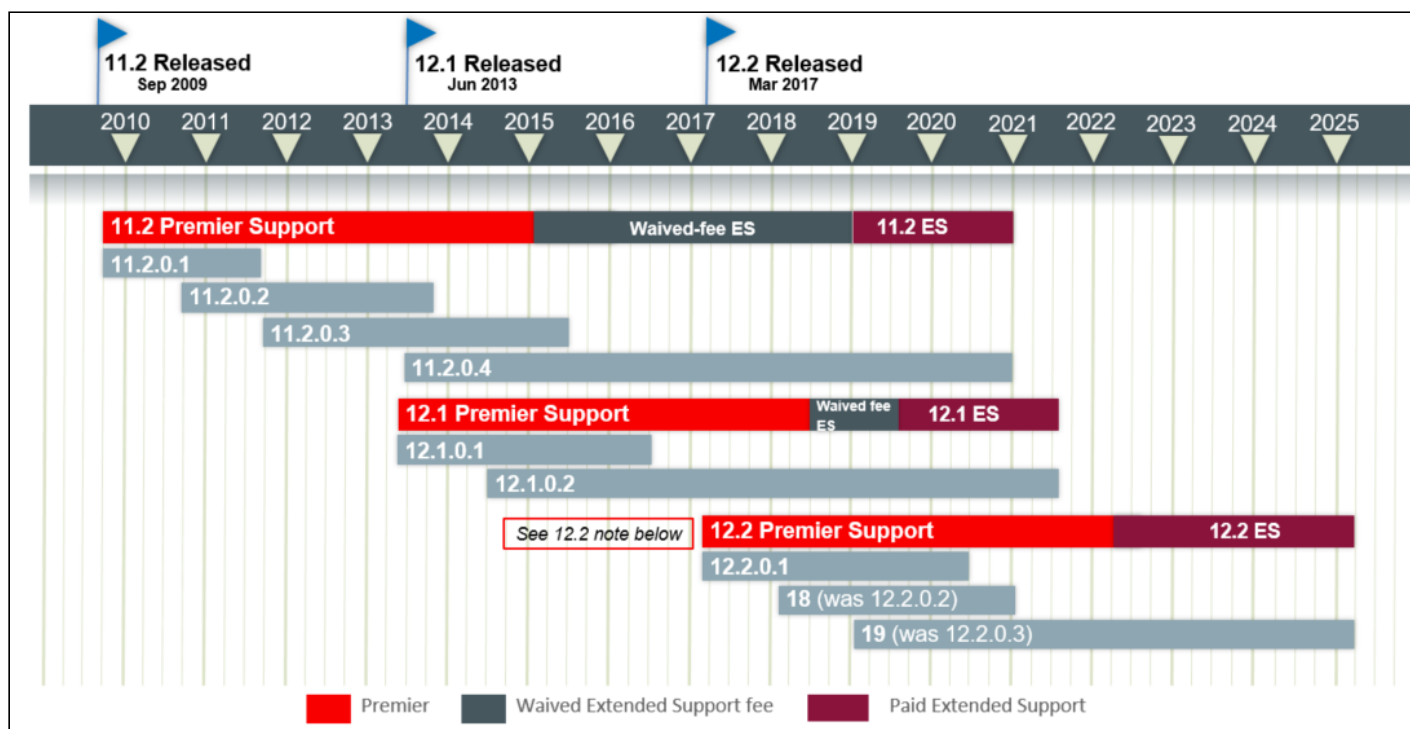


Fig 1 - Database Release Roadmap

**Release 12.2:** New releases will be annual and the version will be the last two digits of the release year. The release originally planned as 12.2.0.2 will now be release 18, and the release originally planned as 12.2.0.3 will be release 19. Releases 18 and 19 will be treated as under the umbrella of 12.2 for Lifetime Support purposes. The expectation is for Oracle Database 19 to be the last release ("long term support" release) for 12.2.

## How To Interpret The Roadmap

Major divisions of the Roadmap are years, and minor divisions are calendar quarters.

The Roadmap represents both the past Database release model (major release plus up to three Patch Sets) and the new release model which applies to 12.2 and later. There is a line for the Lifetime Support Policy (LSP) lifecycle which shows the Premier and Extended Support periods. Underneath the LSP line are smaller lines for releases or patch sets which fall within the LSP lifecycle above. The lines indicate their support window - the period during which Oracle proactively issues quarterly Release Updates or Patch Set Updates. For actual LSP dates, see [Lifetime Support Policy - Oracle Technology Products](#).

The future dates for releases and patch sets are shown based on a general plan - actual dates may vary. For the most up-to-date schedule, see the table above.

**Release 12.2:** As indicated in the note above we are changing the release model to issue annual releases. Instead of Patch Sets, Patch Set Updates, and Database Bundle Patches, the new releases will be maintained with Release Updates (RU) and Release Update Revisions (RUR), so Patch Sets will no longer be shown in the roadmap for 12.2 and later. For more information see [Release Update and Release Update Revisions for Database Proactive Patch Program \(Doc ID 2285040.1\)](#).

**Releases 12.1 and earlier:** Patch sets were released periodically. For Database 11.2 and 12.1, the terminal (last) patch set has been released. Proactive patches such as Patch Set Updates are released only on those terminal patch sets.

**ES Fee Waivers** - Sometimes the fee for Extended Support is waived for all customers. When it is, it is automatic for all customers and you continue to receive support as if the release was still in Premier Support. Details on Extended Support fee waivers for all releases can be found in [Oracle Software Technical Support Policies](#) in section 3 "Lifetime Support" subtitle "Exceptions".

## Patching End Dates for All Recent Patch Level Releases

The dates below show the last date Oracle will provide patches, RUs, PSUs, or CPUs on all platforms (exceptions noted in the table above). After the patching end date we will no longer provide patches (including Release Updates, Patch Set Updates and Security Patch Updates) for that release on any platform. This period is to allow customers adequate time to plan for the installation of the new patch set. A full description of the patching support policies is given in [Database, FMW, EM Grid Control, and OCS Software Error Correction Support Policy \(Doc ID 209768.1\)](#).

The patching end dates for the different release/patch levels are as follows unless noted otherwise in the table below. The most recent patchsets are shown as "TBD" because the patching end date will not be set until the next patch set for that version is released - until then the effective end date is the same as the end of Extended Support for the major release.

Release	Patching Ends	Notes and Exceptions*	
12.2.0.1	<b>23-Jul-2020</b>	Patching for 12.2.0.1 will end two years after Release 18 is available for on-prem platforms (non-Engineered Systems).	
12.1.0.2	<b>31-Jul-2021</b>	Extended Support fees waived through July 31, 2019. Beginning Aug 1, 2019 an ES service contract is required.	
12.1.0.1	<b>31-Aug-2016</b>	Patching has ended for this release.	
11.2.0.4	<b>31-Dec-2020</b>	Extended Support fees waived until Dec 31, 2018. An ES service contract is required starting 1-Jan-2019.	
11.2.0.3	<b>27-Aug-2015</b>	Patching has ended for this release.	
11.2.0.2	<b>31-Oct-2013</b>	Patching has ended for this release.	
11.2.0.1	<b>13-Sep-2011</b>	Patching has ended for this release Patching end date for Exadata was 30-Apr-2012	
11.1.0.7	<b>31-Aug-2015<sup>2</sup></b>	Patching has ended for this release. <b>HP-UX Itanium - Patching ended Dec 2015.</b> Beginning Sep 1, 2015 Sev 1 fixes only (no PSU or CPU will be produced).	
11.1.0.6	<b>18-Sep-2009</b>	Patching has ended for this release.	
10.2.0.5	<b>31-Jul-2015<sup>2</sup></b>	<b>All platforms - standard Extended Support ended 31-Jul-2013.</b> After that, additional support is available via Market Driven Support through July 2018, Sev 1 fixes only (no PSU or SPU will be produced). See <a href="#">Oracle Software Technical Support Policies</a> . <b>HP-UX, Linux, and Windows Itanium - patching ends Dec 2015.</b> Beginning Aug 1, 2013, Sev 1 fixes only (no PSU or CPU will be produced).	
10.2.0.4	<b>31-Jul-2011<sup>5</sup></b>		
10.2.0.3	<b>22-Feb-2009</b>	IBM Linux on Power	<b>9-Apr-2009</b>
		IBM Linux on System z	<b>16-May-2009</b>
		Microsoft Windows Itanium (64-bit)	<b>2-May-2009</b>
		HP Tru64 UNIX	<b>20-May-2009</b>
10.1.0.4	<b>30-Jan-2007</b>		

*\*Platform releases which came out less than 3 months from the end of the normal patching period, which qualify for the minimum 3 months support after new patch set release.*

Premier and Extended Support dates for all current releases (e.g. 10.2 or 11.2) can be found in the [Oracle Lifetime Support Policy - Oracle Technology Products](#) datasheet.

#### **Notes:**

**<sup>1</sup>11.1.0.7 is the last patch set for Release 11.1.** Future integrated error correction will come in the form of Patch Set Updates. See [Patch Set Updates for Oracle Products \(Doc ID 854428.1\)](#) for current details.

**<sup>2</sup> Base release** - download from [otn.oracle.com](http://otn.oracle.com).

**<sup>3</sup>10.2.0.5 is the last patch set for Release 10.2.** Once patching ends for 10.2.0.4, future integrated error correction will come in the form of Patch Set Updates. See [Patch Set Updates for Oracle Products \(Doc ID 854428.1\)](#) for current details.

**<sup>4</sup>The start of Extended Support** no longer forces customers to run the last patch set in order to receive new fixes (such as PSU or CPU) - 10.2.0.4 will be patched up until the end date listed above.

**<sup>5</sup>Patching end date for 10.2.0.4** has been pushed back from the original 30-Apr-2011 date. See the announcement in [Database Patch Set 10.2.0.4 patching extended to July 31, 2011 \(Doc ID 1293180.1\)](#).

**<sup>6</sup>TBD:** Patching end date will be set once the next patch set is released.

**<sup>7</sup>Patching end dates for terminal patchsets** of a release are equivalent to the end of Extended Support. An Extended Support contract is required to receive patches once a release enters the Extended Support phase. See the [Lifetime Support Policy covering Technology Products](#) for dates of Extended Support.

**<sup>8</sup> Oracle Database Release 11.2 will be the last release on HP-UX PA-RISC.** See [Support Status for Oracle Database on HP-UX PA-RISC systems \(Doc ID 1313798.1\)](#) for details.

**<sup>9</sup> Itanium-based systems** (HP-UX, Windows, and Linux): Additional Extended Support has been made available for these platforms. The patching end date table above reflects the new end of Extended Support. See [Oracle Software Technical Support policies](#) for more details.

**<sup>10</sup> 11.2.0.4 is the last patch set for Release 11.2.** Future integrated error correction will come in the form of Patch Set Updates. See [Patch Set Updates for Oracle Products \(Doc ID 854428.1\)](#) for current details.

**<sup>11</sup> 12.1.0.2 is the last patch set for Release 12.1.** Future integrated error correction will come in the form of Patch Set Updates. See [Patch Set Updates for Oracle Products \(Doc ID 854428.1\)](#) for current details.

**<sup>12</sup> 12.1.0.1 is the last release of Standard Edition (SE) and Standard Edition One (SE1).** SE/SE1 customers should consider migrating to 12.1.0.2 Standard Edition 2. For more information, see [Oracle Database 12c Standard Edition 2 \(12.1.0.2\) \(Doc ID 2027072.1\)](#).

**<sup>13</sup> Oracle Database 18c** is expected to be available for on-Prem platforms (non-Engineered Systems) with, or shortly thereafter, the July 2018 Release Update

- **Future Oracle Database releases** are planned for the other platforms but due to Oracle's revenue recognition policy we are unable to publish those schedules at this time. This schedule only includes releases which have already been released on at least one platform.
- **Last Patch Set:** When Oracle knows which patch set will be the last for a particular release, it will be indicated but designation as such is at Oracle's discretion and subject to change without notice.
- **Solaris x86-32:** The last patch set for this platform is 10.2.0.4.
- **Solaris x86-64:** Oracle has elevated the Solaris x86-64 to equal priority with SPARC Solaris for future Database releases. Customers should expect more timely releases and patch sets for the Solaris x86-64 platform
- **32-bit clients:** 32-bit clients are shipped with some patch sets, but the schedule is the same as for the rest of the patch set unless otherwise noted.



## Change History

Only significant changes to content (such as new or changed dates, new releases, or clarifications) beginning 1-Nov-2015 are listed below. Minor wording or formatting changes are not recorded.

If you want to receive a notification of any change to this document, mark this article as a Favorite, and follow the instructions for Email Notification in "Staying Informed" section of [My Oracle Support Resource Center for New Users \(Doc ID 1959163.1\)](#).

Date	What Changed
23-Jul-2018	Added 18c Linux.x64 release, updated expected release dates on additional platforms.
29-Jun-2018	Added expected release date for 18 on prem
19-Mar-2018	Added 18c release dates for ODA and SuperCluster
5-Mar-2018	Corrected release date for 18c in Cloud - 1-Mar, not 16 Feb. Changed planned date for Exadata Cloud Service to 1H2018. Added row for Oracle Cloud Infrastructure - Database
16-Feb-2018	Updated many areas to reflect the release of 18c on Engineered Systems
2-Feb-2018	Clarified in the description of the roadmap that bars start with the first release which may be in the Oracle Cloud.
18-Jan-2018	Added column for release 18 to the table of releases
8-Jan-2018	Added release dates for 12.2.0.1 on Cloud@Customer and ODA
31-Oct-2017	Corrected 12.2.0.1 bar in Roadmap, erroneously shown as 2 year should be 3
8-Aug-2017	Added clarification releases 18 and 19 are considered part of 12.2 for Lifetime Support Policy purposes, and indicated while release 19 is planned to be the last 12.2 release, this may change to release 20 in the future.
2-Aug-2017	Updated Release Roadmap section to reflect new release model for DB 12.2 and later. Updated roadmap chart to most current.
6-Jul-2017	Formatting changes, remove some information about 10.2 ES fee waiver (no longer relevant)
30-Jun-2017	Added link to download the DB Roadmap since some customers cannot see it in this document.
8-Jun-2017	updated "On-Premises Server Releases" table for 12.2.0.1 on IBM Linux on System z
7-Jun-2017	Added release dates for Db Instant Client 12.2.0.1 for Linux on POWER LE
14-Apr-	Added release dates for 12.2 on AIX and HP-UX Itanium



2017	
21-Mar-2017	Added release of 12.1.0.2 MacOS Instant Client (historical, it was released in 2016) and a link to download page
16-Mar-2017	Changed date for 12.2 on Oracle Data Appliance to CY2017
16-Mar-2017	12.2 released on Windows x64
1-Mar-2017	12.2 released on Linux x86-64, Solaris SPARC, and Solaris x86-64
10-Feb-2017	12.2 released on Exadata and SuperCluster
31-Jan-2017	Added MiniCluster to the Engineered Systems table
26-Jan-2017	Updated dates for 12.2 on-premises, added Exadata and Cloud release tables, new roadmap diagram, added 12.1 ES fee waiver and new end date for 11.2 ES fee waiver
20-April-2016	Release window for 12.2.0.1 pushed to 2HCY2016
23-Mar-2016	Changed patching end date table for 10.2.0.5 to reflect availability of Market Driven Support through July 2017
20-Dec-2015	Added release date and download link for 12.1.0.2 Linux on Power little endian client
4-Nov-2015	Added this change history section

## ACTIONS

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## CONTACTS

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