

MariaDB Corporation

Engineering policies

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Release Policy

Versioning scheme

MariaDB Products follow 3 different version numbering schemes in which each component reflects a category of changes: A.B.C

Product	Versioning scheme
MariaDB Server & Galera Cluster	A= Major releases B= Major releases C= Minor & Maintenance releases
MariaDB ColumnStore	
MariaDB MaxScale	
MariaDB Connector/J	A= Major releases B= Minor releases C= Maintenance releases
MariaDB Connector/C	
MariaDB Connector/ODBC	

- Major releases are primarily for new features and may also contain both bugs and security fixes.
- Minor and Maintenance releases are offering bug fixes and security issues only.

The maturity of a release, i.e. Alpha, Beta, Release Candidate or General Availability is not indicated by the numbering. Instead it's indicated in the release notes next to the version number, e.g. MariaDB Server 10.2.5 Release Candidate.

Plugins have their own maturity, i.e. plugins in a GA version of the MariaDB Server can be of other maturity (MyRocks storage engine is Experimental maturity in MariaDB Server 10.2.6 GA).

For every released version, the release notes & changelogs will be updated accordingly.

Release schedule

There is no fixed release schedule for new releases. But each category of releases has its own lifespan.

- Major versions of MariaDB products are maintained for a certain amount of years from the date of the first GA release. This end date is called the major version's End Of Life (EOL) date.

The current maintenance duration are:

Product	Maintenance duration for major releases
MariaDB Server MariaDB Galera Cluster	• 5 years minimum
MariaDB ColumnStore	
MariaDB MaxScale	<ul style="list-style-type: none">• Until the BSL change date of the major release• In addition security fixes will be provided for the latest major release where the change date has passed already
MariaDB Connector/J	<ul style="list-style-type: none">• The 2 latest major versions are maintained if not explicitly EOled because of low demand. EOL for the connector also depends on the EOL date of the "extended Support" of the Java version, supported by the connector
MariaDB Connector/C	<ul style="list-style-type: none">• The 2 latest major versions are maintained if not explicitly EOled because of low demand or the next version is 100% backward compatible
MariaDB Connector/ODBC	

Backward compatibility

All changes done on major releases will be backward compatible respecting the maintenance window. MariaDB Corporation retains the option to break backward compatibility on major releases when it is deemed necessary to improve the product or if it is required to address a security bug. This will be announced well in advance to the community and our customers & partners.

The MariaDB Server project is a community project governed by the [MariaDB Foundation](#) and is as active as the community around it and the MariaDB Foundation members actively working on and enhancing MariaDB. Therefore, from the MariaDB project perspective, the aspiration is for each major version of MariaDB Server to be maintained for five years after its initial stable (GA) version by the Foundation and maybe even further by the Corporation.

Maintenance Policy

With this release policy in mind the following schedule shows the effective dates per product and versions:

MariaDB Server		
Major Version	Stable (GA) Date	Boundary date
5.1	1 Feb 2010	1 Feb 2015
5.2	10 Nov 2010	10 Nov 2015
5.3	29 Feb 2012	1 Mar 2017
5.5	11 Apr 2012	11 March 2020
10.0	31 Mar 2014	31 Mar 2019
10.1	17 Oct 2015	17 Oct 2020
10.2	23 May 2017	23 May 2022
10.3	Not Stable	5 years after stable (GA) release date

MariaDB ColumnStore		
Major Version	Stable (GA) Date	Boundary date
1.0	14 Dec 2016	17 Oct 2020 (based on 10.1 server)

MariaDB MaxScale		
Major Version	Stable (GA) Date	Boundary date
1.4	March 2016	January 01, 2019 (security fixes)
2.0	October 2016	January 01, 2019
2.1	May 2017	July 01, 2019

MariaDB Connector/J		
Major Version	Stable (GA) Date	Boundary date
1.1	January 2013	EOL as 1.6 (since 1.6.2) is 100% compatible
1.2 1.3 1.4 1.5	July 2015 November 2015 April 2016 September 2016	EOL as 1.6 is 100% compatible
1.6	May 2017	September 2021 OR EOL Java 7 OR newer 100% compatible major version exists
2.0	May 2017	May 2022 OR EOL Java 8 OR newer 100% compatible major version exists

MariaDB Connector/C		
Major Version	Stable (GA) Date	Boundary date
1.0	November 2012	November 2017
2.0 2.1 2.2		EOL as 2.3 100% compatible
2.3	July 2016	July 2021 OR newer 100% compatible major version exists

MariaDB Connector/ODBC		
Major Version	Stable (GA) Date	Boundary date
1.0	January 2015	EOL as 2.0 is 100% compatible
2.0	April 2016	January 2020

MariaDB Corporation can of course offer additional Technical Support and Services to their customers that cover the versions even longer and provide SLA commitments for additional feeds. Please [contact us](#) for more details.

Release Criteria

The MariaDB Engineering teams can only promise to cover bugs in MariaDB Corporation products. For bugs in MySQL®, we can't give any guarantees. However, bugs in MySQL that directly affect MariaDB Server are likely to be fixed or worked around by the MariaDB Server team.

The MariaDB development release policy has the following project commitments for the maturity stages:

Commitment for all releases

- All MariaDB releases should be free from known critical bugs
- If we make a release with known critical bugs (for example, if there is a really serious bug we want to fix at once and get the fix out, while we are fixing other bugs), they will be documented in the release notes
- In the rare case when there is a bug that can't be fixed in a specific release (either because it's a design bug or the bug fix is likely to cause other, possibly worse bugs), we will document it in the KNOWN_BUGS.txt file that comes with the MariaDB product distribution. However, we will try to keep these kinds of open bugs at a minimum

Commitment for Alpha releases

- In Alpha versions feature stability should not be expected yet. Still build system should show no regressions for supported platforms and Jira should have no open Blocker level bugs for the releases

Commitment for Beta releases

- The product is feature complete according to what is agreed according to scope of release. All APIs and storage formats should be stable
- There should be no known serious bugs that would affect normal operation

Commitment for Gamma/RC releases

- No known serious bugs
- We believe the code is ready for general usage (based on bug inflow), but we want more testing before calling it stable

Commitment for Stable/GA releases

- No known serious bugs
- No bugs fixed since last release that caused any notable code changes
- We believe the code is ready for general usage (based on bug inflow)

Security Bug Fixing Policy

MariaDB Engineering classify all security bugs according to their threat level. The threat level can be one of:

- **Red**: an exploitable vulnerability that causes arbitrary code execution or allows an unauthenticated user to crash the server or get access to the data. These are typically referred to as CVEs,
- **Yellow**: everything else.

We promise to fix:

- Any **Red** security bug immediately. We'll work on it until fixed, and release fixed (i.e. not vulnerable) MariaDB binaries as soon as possible, usually the next day.
- **Yellow** security bugs as soon as possible, but we will not change our planned release schedule to get the fix out earlier.

Supported platforms & operating systems

MariaDB Corporation is to support all the most important Operating Systems, Linux Distributions and processor architectures used among our customers. The tables detailed what each product is currently supporting:

MariaDB Server			
OS	Architecture	MariaDB Server 5.5 , 10.0 10.1 and 10.2	MariaDB Galera Cluster 5.5 and 10.0
Red Hat Enterprise Linux 6, 7	64-bit	OK	OK
CentOS 6, 7	64-bit	OK	OK
Ubuntu 12.04, 14.04, 16.04	64-bit	OK	OK
Debian 7, 8	64-bit	OK (1)	OK (1)
SUSE Linux Enterprise Server 11, 12	64-bit	OK	OK
Windows	X86 32-bit 64-bit	OK	
Generic Linux	64-bit	OK	OK
Source		OK	OK

(1): MariaDB 5.5 only on Debian 7

MariaDB Enterprise Server			
OS	Arch.	MariaDB Enterprise 5.5, 10.0 and 10.1 (2)	MariaDB Enterprise Cluster 5.5 and 10.0
Red Hat Enterprise Linux 6, 7	64-bit	OK	OK
CentOS 6,7	64-bit	OK	OK
Ubuntu 12.04, 14.04, 16.04	64-bit	OK	OK
Debian 7, 8	64-bit	OK (1)	OK (1)
SUSE Linux Enterprise Server 11, 12	64-bit	OK	OK
Windows	X86 32-bit 64-bit	OK	
Generic Linux	64-bit	OK	OK
Source		OK	OK

(1): MariaDB 5.5 only on Debian 7

(2): No 10.2 version available

MariaDB ColumnStore			
OS	Arch.	MariaDB ColumnStore 1.0	MariaDB ColumnStore 1.1
Red Hat Enterprise Linux 6, 7	64-bit	OK	OK
CentOS 6,7	64-bit	OK	OK
Ubuntu 16.04	64-bit	OK	OK
Debian 8	64-bit	OK	OK
SUSE Linux Enterprise Server 12	64-bit	OK	OK
Generic Linux	64-bit	OK	OK
Source		OK	OK

MariaDB MaxScale				
OS	Arch.	1.4	2.0	2.1
Red Hat Enterprise Linux 6, 7	64-bit	OK	OK	OK
CentOS 6,7	64-bit	OK	OK	OK
Ubuntu 14.04, 16.04	64-bit	OK	OK	OK
Debian 7, 8	64-bit	OK	OK	OK
SUSE Linux Enterprise Server 11, 12	64-bit	OK	OK	OK
Generic Linux	64-bit	OK	OK	OK
Source		OK	OK	OK

MariaDB Connector/J		
Java version	1.6 (>1.6.1)	2.x
Java 6	OK	
Java 7	OK	
Java 8	OK	OK
Source	OK	OK

MariaDB Connector/C			
OS	Arch.	2.3	3.0
Generic Linux	64-bit	OK	OK
Generic Linux	32-bit	OK	OK
Windows	64-bit	OK	OK
Windows	32-bit	OK	OK
Source		OK	OK

MariaDB Connector/ODBC			
OS	Arch.	2.0	3.0
Generic Linux	64-bit	OK	OK
Generic Linux	32-bit	OK	OK
Windows	64-bit	OK	OK
Windows	32-bit	OK	OK
Source		OK	OK

MariaDB Corporation can of course offer additional OS Support to their customers on case by case basis and for eventual additional feeds. Please [contact us](#) for more details.

Addition tools supported platforms & operating systems

MariaDB Subscriptions includes a set of excellent tools to enhance your experience. When a tool is open source, we are also trying to port it to more OSs & versions. The following table describes the OS support for each tool.

OS	Arch.	Percona XtraBackup	WebYog Monyog	WebYog SQLyog	socat	qpress
Red Hat Enterprise Linux 6, 7	64-bit	OK	OK		6: OK 7: OK (1)	OK
CentOS 6, 7	64-bit	OK	OK		6: OK 7: OK (1)	OK
Ubuntu 14.04, 16.04	64-bit	OK			OK (1)	OK
Debian 7, 8	64-bit	OK			OK (1)	OK
SUSE Linux Enterprise Server 11, 12	64-bit	OK	OK		OK (1)	OK
Windows	x86 32-bit 64-bit		OK	OK		
Generic Linux	64-bit	OK	OK			OK
Source	Source	OK				OK

(1): Built-in OS

Deprecation Policy

The MariaDB project tries to support as many different Operating Systems, Linux Distributions, and processor architectures as possible. However, when a distribution or OS stops receiving security and other updates it becomes difficult for MariaDB Corporation to provide packages for that platform. In such cases, our policy is to deprecate that platform and stop providing binary packages for it.

Platform	Planned Deprecation Date
Ubuntu 12.04 LTS "Precise"	April 2017
Debian 7 "Wheezy"	May 2018
SUSE Enterprise Linux 11	Mar 2019
Ubuntu 14.04 LTS "Trusty"	April 2019
Debian 8 "Jessie"	May 2020
Red Hat Enterprise Linux 6	November 2020
CentOS 6	November 2020
Ubuntu 16.04 LTS "Xenial"	April 2021
Debian 9 "Stretch"	June 2022
Red Hat Enterprise Linux 7	June 2024
CentOS 7	June 2024
Enterprise Linux 12	October 2024
Windows Vista/Windows Server 2008 and later	

To get more information about those OS own maintenance and depreciation policies please consult the following information pages:

- [Centos Release Information](#)
- [Red Hat Release Information](#)
- [Ubuntu Release Information](#)
- [Debian Release Information](#)
- [Windows Release Information](#)
- [SUSE Enterprise Release Information](#)

Deprecated package platforms

The MariaDB Products do no longer builds packages for the following Operating Systems and Linux Distributions.

Platform	Deprecation Date	Final MariaDB Version(s)
Red Hat Enterprise Linux 5	Mar 2017	MariaDB 10.1.22 MariaDB 10.0.30
CentOS 5	Mar 2017	MariaDB 10.1.22 MariaDB 10.0.30
Windows 2003 Server	Apr 2016	MariaDB 10.1.13 MariaDB 10.0.24 MariaDB 5.5.48
Windows XP	Apr 2016	MariaDB 10.1.13 MariaDB 10.0.24 MariaDB 5.5.48
Debian 6 "Squeeze"	Feb 2016	MariaDB 10.0.24 MariaDB 5.5.48
Ubuntu 10.04 LTS "Lucid"	Apr 2015	MariaDB 10.0.18 MariaDB 5.5.43
Ubuntu 8.04 LTS "Hardy"	Apr 2013	MariaDB 10.0.2 MariaDB 5.5.31

Support for deprecated platforms

If your chosen Linux Distribution or Operating System is deprecated, packages or support are not completely unavailable. [MariaDB Corporation](#) provides support for all versions of MariaDB back to even very old MySQL versions. This includes packaged binaries.

Document history

Policy Version Control Numbering (Major and Minor Reviews)

For MariaDB Corporation Policies documents, version numbering consists of a number followed by a period then two more numbers, i.e., x.xx.

- The number to the left of the period describes the number of major reviews (including both scheduled and unscheduled) from the date of original issue.
- The numbers to the right of the period describe the number of minor reviews or amendments from the time of issue, or the last major review.

The first published version of every document is always X.00, moving to X.01, and so on, as minor revisions occur. When a major review occurs, the number to the left of the period will increase by one, while the numbers to the right of the period revert to '00'.

- **Major reviews** are either scheduled annually reviews, or reviews did significant changes to the content of the document. Major reviews can be triggered outside of the review dates.
- **Minor reviews** generally involve a change to a document that does not majorly impact the substance or change the original intent of the content. Minor reviews may include updating of hyperlinks, formatting, altering of titles or tweaking an aspect of a document.

Version	Action	Approval Authority	Action Date
1.02	First publication	Engineering VPs	29th of June 2017