MARIADB PLC

Engineering Policy

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The latest version of this policy may be found at:

https://mariadb.com/engineering-policies/

The latest version of the Subscription Services Policy may be found at:

https://mariadb.com/subscription-services-policies/

Contents

1 Operating Systems Support, and Deprecation Policies

MariaDB plc intends to support all of the most used operating systems and Linux distributions among our customers.

Our policy is that when a distribution or an operating system stops receiving security and other updates, we will deprecate that platform and stop providing binary packages across all MariaDB products and release series. To get more information about the maintenance and depreciation policies for those operating systems, please consult the following information pages:

- Red Hat Release Information (RHEL in this document)
- Ubuntu Release Information
- Debian Release Information
- SUSE Enterprise Release Information (SLES in this document)
- Windows Client Lifecycle Information
- Windows Server Lifecycle Information

When a Java, Node.js, or Python version stops receiving security and other updates, it becomes difficult for MariaDB plc to provide a MariaDB Connector for that version. In this case, our policy is to deprecate an affected MariaDB Connector. To get more information about the maintenance and depreciation policies for Java, Node.js or Python, please consult the following information pages:

- Oracle Java SE Support Roadmap
- Node.js Releases
- Python End of Life branches / Status of Python branches

1.1 Extended Support

Some customers require software support after the standard support window for the product has closed and before the product reaches its End-Of-Life (EOL) date. For additional fees, MariaDB plc can offer security and critical bug fixes until the EOL date. After the EOL date, MariaDB plc ceases to provide Engineering Support.

1.2 Technical Support for Deprecated Platforms

Suppose you must continue production use of an operating system or deprecated Linux distribution. In that case, MariaDB plc can provide packages or support for older versions of MariaDB upon special request and under a separate contract.

For Platforms not listed as supported by MariaDB plc, only best-effort support is provided (as defined by MariaDB plc Support Policy), and MariaDB does not provide regular binaries or packages.

2 MariaDB Server

2.1 MariaDB Enterprise Server

Supported Versions

Version	Stable (GA) Date	End of Standard Support	End of Life Date
10.5	16 July 2020	16 July 2024 *1*	16 July 2025
10.6	23 August 2021	23 August 2026 *1*	23 August 2029

Supported Operating Systems

Operating System		10.5	10.6
RHEL	8	X86_64, AMR64	X86_64, AMR64
RHEL	9	X86_64, AMR64	X86_64, AMR64, PPC64LE
Rocky Linux *2*	8	X86_64, ARM64	X86_64, ARM64
Rocky Linux *2*	9	X86_64, ARM64	X86_64, ARM64
AlmaLinux *2*	8	X86_64, ARM64	X86_64, ARM64
AlmaLinux *2*	9	X86_64, ARM64	X86_64, ARM64
Ubuntu	20.04	X86_64, ARM64	X86_64, ARM64
Ubuntu	22.04		X86_64, ARM64
Ubuntu	24.04		X86_64, ARM64
Debian	11	X86_64, ARM64	X86_64, ARM64
Debian	12	X86_64, ARM64	X86_64, ARM64
Windows *3*		X86_64	X86_64
SLES	12	X86_64	X86_64
SLES	15	X86_64, ARM64	X86_64, ARM64

Note: We may only provide binaries for the latest major MariaDB Enterprise Server GA version when a new operating system release goes GA, or a new service pack is available.

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1. Contact Sales for Extended Support.

2. Supported using RHEL packages.

3. Until the product reaches the Mainstream Support End Date.

2.2 MariaDB Enterprise Server components with limited OS coverage

MariaDB Enterprise Cluster

Supported Operating Systems

Operating System		10.5	10.6
RHEL	8	X86_64, ARM64	X86_64, ARM64
RHEL	9	X86_64, AMR64	X86_64, AMR64, PPC64LE
Rocky Linux *1*	8	X86_64, ARM64	X86_64, ARM64
Rocky Linux *1*	9	X86_64, ARM64	X86_64, ARM64
AlmaLinux *1*	8	X86_64, ARM64	X86_64, ARM64
AlmaLinux *1*	9	X86_64, ARM64	X86_64, ARM64
Ubuntu	20.04	X86_64, ARM64	X86_64, ARM64
Ubuntu	22.04		X86_64, ARM64
Ubuntu	24.04		X86_64, ARM64
Debian	11	X86_64, ARM64	X86_64, ARM64
Debian	12		X86_64, ARM64
SLES	12	X86_64	X86_64
SLES	15	X86_64, ARM64	X86_64, ARM64

1. Supported using RHEL packages.

MariaDB Enterprise (ColumnStore)

Supported Operating Systems

Operating System		5 *1*	23.10 *2*
RHEL	8	X86_64	X86_64, ARM64
RHEL	9		X86_64, ARM64
Rocky Linux *3*	8	X86_64	X86_64, ARM64
RHEL & Rocky Linux *3*	9		X86_64, ARM64
AlmaLinux	8		X86_64, ARM64
AlmaLinux	9		X86_64, ARM64
Ubuntu	20.04	X86_64	X86_64, ARM64
Ubuntu	22.04		X86_64, ARM64
Ubuntu	24.04		X86_64, ARM64
Debian	11		X86_64, ARM64
Debian	12		X86_64, ARM64

1. MariaDB Enterprise ColumnStore 5 is only available with MariaDB Enterprise Server 10.5.

2. MariaDB Enterprise ColumnStore 23.10 is only available with MariaDB Enterprise Server 10.6.15-10 and later.

3. Supported using RHEL packages on AlmaLinux and Rocky Linux.

3 MariaDB MaxScale

Supported versions

Version	Stable (GA) Date	End of Standard Support	End of Life Date
21.06 *0*	August 2021	01 January 2025	01 August 2025
22.08	August 2022	01 January 2026	01 August 2026
23.02	March 2023	01 January 2027	01 March 2027
23.08	August 2023	01 August 2027	01 August 2027
24.02	March 2024	01 March 2028	01 March 2028

Supported Operating Systems

Operating System *2*		21.06 *1*	22.08	23.02	23.08	24.02
RHEL	8	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64
RHEL	9	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64, PPC64LE	X86_64, ARM64, PPC64LE
Rocky Linux *3*	8 & 9	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64
AlmaLinux *3*	8 & 9	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64
Ubuntu	20.04, 22.04, 24.04	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64
Debian	11 & 12	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64
SLES	15	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64	X86_64, ARM64

1. MaxScale 6 was renamed MaxScale 21.06 in May 2024.

2. Both a package and a tarfile are provided for each supported operating system.

3. Supported using RHEL packages on AlmaLinux and Rocky Linux.

4 MariaDB Connectors

4.1 MariaDB Connector/J

Supported versions

Version	Stable (GA) Date	End of Life Date
2.7	September 2020	September 2025, or EOL *2* Java 17, or one year after a newer 100% compatible release series exists
3.3 *1*	November 2023	May 2025
3.4 *1*	May 2024	October 2025
3.5	October 2024	October 2029, or EOL *2* Java 21, or one year after a newer 100% compatible release series exists

1. The 3.3 and 3.4 release series only receive security fixes. Bug fixes are provided with the 3.5 release series, which is fully compatible

2. EOL date based on the Oracle Java SE Support Roadmap - "Extended Support"

Java Supported Versions

Java Version	2	3.3	3.4	3.5
8	OK	OK	OK	OK *1*
11	OK	OK	OK	OK *1*
17	OK	OK	OK	OK
21		OK	OK	OK

1. Does not support the PARSEC Authentication Plugin

4.2 MariaDB Connector/R2DBC

Supported versions

Version	Stable (GA) Date	End of Life Date
1.1 *1*	June 2022	February 2025
1.2 - 1.0 Spec	February 2024	February 2029, or EOL *2* Java 21, or when a newer, 100% compatible major version exists
1.2 - 0.9 Spec *3*	February 2024	Spring Book 2.7 end of enterprise support (31 December 2026)
1.3 - 1.0 Spec	October 2024	February 2029, or EOL2 Java 21, or one year after a newer 100% compatible release series exists
1.3 - 0.9 Spec *3*	October 2024	Spring Boot 2.7 end of enterprise support (31 December 2026)

1. The 1.1 release series only receives security fixes. Bug fixes are provided with the 1.2 release series, which is fully compatible.

2. EOL date based on the Oracle Java SE Support Roadmap - "Extended Support"

3. Package org.mariadb:r2dbc-mariadb-0.9.1-spec is specifically supported for R2DBC 0.9.1 specifications

Java Supported Versions

Java Version	1.1	1.2	1.3
8	OK	OK	OK *1*
11	OK	OK	OK *1*
17	OK	OK	OK
21	OK	OK	OK

1. Does not support the PARSEC Authentication Plugin

4.3 MariaDB Connector/ODBC

Supported versions

Version	Stable (GA) Date	End of Life Date
3.1	May 2019	June 2025
3.2	June 2024	June 2029, or one year after a newer 100% compatible release series exists

Supported Operating Systems

Operating System		3.1	3.2
RHEL	8	X86_64, ARM64	X86_64, ARM64
RHEL	9	X86_64, ARM64	X86_64, ARM64
Rocky Linux *1*	8	X86_64, ARM64	X86_64, ARM64
Rocky Linux *1*	9	X86_64, ARM64	X86_64, ARM64
AlmaLinux *1*	8	X86_64, ARM64	X86_64, ARM64
AlmaLinux *1*	9	X86_64, ARM64	X86_64, ARM64
Ubuntu	20.04	X86_64, ARM64	X86_64, ARM64
Ubuntu	22.04	X86_64, ARM64	X86_64, ARM64
Ubuntu	24.04	X86_64, ARM64	X86_64, ARM64
Debian	10	X86_64, ARM64	X86_64, ARM64
Debian	11	X86_64, ARM64	X86_64, ARM64
SLES	12	X86_64, ARM64	X86_64, ARM64
SLES	15	X86_64	X86_64
Windows *2*		X86_64, X86_32	X86_64, X86_32
macOS		X86_64	X86_64

1. Supported using RHEL packages on AlmaLinux and Rocky Linux.

2. Until the product reaches the Mainstream Support End Date.

4.4 MariaDB Connector/C

Supported versions

Version	Stable (GA) Date	End of Life Date
3.1	June 2019	July 2025
3.3	July 2022	July 2027, or when a newer, 100% compatible major version exists

Supported Operating Systems

Operating System		3.1	3.3
RHEL	8	X86_64, ARM64	X86_64, ARM64
RHEL	9	X86_64, ARM64	X86_64, ARM64
Rocky Linux *1*	8	X86_64, ARM64	X86_64, ARM64
Rocky Linux *1*	9	X86_64, ARM64	X86_64, ARM64
AlmaLinux *1*	8	X86_64, ARM64	X86_64, ARM64
AlmaLinux *1*	9	X86_64, ARM64	X86_64, ARM64
Ubuntu	20.04	X86_64, ARM64	X86_64, ARM64
Ubuntu	22.04	X86_64, ARM64	X86_64, ARM64
Ubuntu	24.04	X86_64, ARM64	X86_64, ARM64
Debian	11	X86_64, ARM64	X86_64, ARM64
Debian	12	X86_64, ARM64	X86_64, ARM64
SLES	12	X86_64	X86_64
SLES	15	X86_64	X86_64
Generic Linux		X86_64	X86_64
Windows *2*		X86_64, X86_32	X86_64, X86_32

1. Supported using RHEL packages on AlmaLinux and Rocky Linux

2. Until the product reaches the Mainstream Support End Date

4.5 MariaDB Connector/C++

Supported versions

Version	Stable (GA) Date	End of Life Date
1.0	February 2021	February 2026
1.1	February 2023	February 2028, or one year after a newer 100% compatible release series exists

Supported Operating Systems

Operating System		1.0	1.1
RHEL	8	X86_64, ARM64	X86_64, ARM64
RHEL	9	X86_64, ARM64	X86_64, ARM64
Rocky Linux *1*	8	X86_64, ARM64	X86_64, ARM64
Rocky Linux *1*	9	X86_64, ARM64	X86_64, ARM64
AlmaLinux *1*	8	X86_64, ARM64	X86_64, ARM64
AlmaLinux *1*	9	X86_64, ARM64	X86_64, ARM64
Ubuntu	20.04	X86_64, ARM64	X86_64, ARM64
Ubuntu	22.04	X86_64, ARM64	X86_64, ARM64
Ubuntu	24.04	X86_64, ARM64	X86_64, ARM64
Debian	11	X86_64, ARM64	X86_64, ARM64
SLES	12	X86_64, ARM64	X86_64, ARM64
SLES	15	X86_64	X86_64
Windows *2*		X86_64	X86_64

1. Supported using RHEL packages on AlmaLinux and Rocky Linux.

2. Until the product reaches the Mainstream Support End Date.

4.6 MariaDB Connector/Node.js

Supported Versions

Version	Stable (GA) Date	End of Life Date
3.2 *1*	August 2023	March 2025
3.3 *1*	March 2024	October 2025
3.4	October 2024	March 2029, or EOL Node.js 20, or one year after a newer 100% compatible release series exists

1. The 3.2 / 3.3 release series only receive security fixes. Bug fixes are provided with the 3.4 release series, which is fully compatible.

Supported Node.js Versions

Node.js LTS Version	3.2	3.3	3.4
18	OK	OK	OK
20	OK	OK	OK

4.7 MariaDB Connector/Python

Supported Python Versions

Version	Stable (GA) Date	End of Life Date
1.1	June 2022	June 2027, or EOL Python 3.12, or one year after a newer 100% compatible release series exists

Supported versions

Python Version	1.1 *1*
3.9	OK
3.10	OK
3.11	OK
3.12	OK
3.13	OK

1. For supported Operating Systems, see MariaDB Connector/C 3.4, which is required for MariaDB Connector/Python 1.1.

5 Appendix

5.1 Release Policy

Versioning Scheme

MariaDB products follow the following versioning scheme.

Product	Versioning scheme
MariaDB Enterprise Server MariaDB ColumnStore MariaDB MaxScale MariaDB Connector/J MariaDB Connector/R2DBC MariaDB Connector/Node.js MariaDB Connector/C MariaDB Connector/C++ MariaDB Connector/ODBC	• Primary and Secondary numbers are based on the GA year and month releases date for most products and together form the "Release Series" • Tertiary: Maintenance release number • Quaternary: Sequence number (where applicable)

- A Release Series (e.g., 10.5 or 10.4 for MariaDB Enterprise Server) is a version supported with an EOL (end of life) and an EOS (end of support) date.
- Fixes to issues in a Release Series are provided through new Maintenance Releases.
- New features are added together with the release of a new Release Series.
- Backward compatibility is not guaranteed between different Compatibility Versions (API compatibility for connectors).
- The typical focus of Maintenance Releases is to provide only bug fixes and to mitigate security issues.
- The EOL (end of life) date after which security fixes and maintenance releases are no longer produced.
- The EOS (end of standard support) date is after which standard support and common bug fixes are no longer provided. Extended support is still available until the EOL date.

Release numbering does not indicate the maturity of a release (i.e. Alpha, Beta, Release Candidate or General Availability). Instead, maturity is indicated in the release notes next to the version number (e.g., MariaDB Server 10.2.5 Release Candidate). Note that a Release Series is not supported until the GA maturity level is reached.

Plugin & Storage Engine Maturity

This Maturity Policy is designed to help recognize what the maturity levels of the plugins and engines mean and what is required for each maturity level. This policy also describes version numbering and the process and conditions for changing the maturity level.

Experimental

The new plugin or storage engine is under development and regularly gets new features, at a fast pace and with little maintenance. New major versions for an existing plugin will always enter Experimental maturity unless the MariaDB plc Server Steering Committee decides otherwise, based on a well-established plugin-focused QA effort.

Beta

The plugin or storage engine is within a cycle where no new major features are added, though some minor features and changes are created. The plugin or storage engine may have open known critical bugs but no "blocker" bugs. The plugin or storage engine may not have a fully defined user experience or complete documentation.

Gamma

The plugin or storage engine is entering a maintenance cycle where no new features are added. The plugin or storage engine could contain known bugs that have documented workarounds. The plugin or storage engine may have a partially defined user experience or incomplete documentation.

Stable

The plugin or storage engine is ready for production usage, has a fully defined user experience, and has complete documentation. It can be loaded by default in MariaDB Enterprise.

A plugin or storage engine can move up only one level in maturity with each minor release of the server (e.g. 10.4.9 to 10.4.10).

Also, a plugin or an engine has its own, independent maturity and can:

- only be of GA maturity in MariaDB Enterprise Server,
- only be of the same or one less maturity in a GA version of MariaDB Community,
- be of any maturity for a MariaDB Server development release.

Maintenance Releases Schedule

MariaDB Enterprise Server has a fixed release schedule for maintenance releases documented on the mariadb.com website. Generally, MariaDB Enterprise Server will have a new maintenance release once per quarter. Other products typically follow similar cadences.

Release notes will be provided for every released version.

Versions no longer supported

MariaDB Community Server

Version	Stable (GA) Date	End of Life Date
5.5	11 April 2012	11 April 2020
10.0	31 March 2014	31 March 2019
10.1	17 October 2015	17 October 2020

MariaDB Enterprise Server and MariaDB Enterprise Cluster

Version	Stable (GA) Date	End of Life Date
10.2	23 May 2017	23 May 2022
10.3	25 May 2018	25 May 2023
10.4	02 July 2019	02 July 2024

MariaDB ColumnStore

Version	Stable (GA) Date	End of Life Date
1.0	14 December 2016	17 October 2020
1.1	21 November 2017	16 November 2020
1.2	03 December 2018	03 December 2021
6	26 August 2021	12 September 2022
22.08	12 September 2022	13 March 2023
23.02	13 March 2023	11 September 2023

MariaDB MaxScale

Version	Stable (GA) Date	End of Life Date
2.2	February 2018	01 January 2020
2.3	December 2018	01 January 2022
2.4	August 2019	01 January 2023
2.5	July 2020	01 January 2024

MariaDB Connector/J

Version	Stable (GA) Date	End of Life Date
1.8	February 2019	31 July 2022
2.2	November 2017	07 September 2018
2.3	September 2018	29 January 2019
2.4	January 2019	22 November 2019
2.5	November 2019	20 March 2020
2.6	March 2020	25 September 2020
3.0	January 2022	November 2022
3.2	November 2022	November 2023

MariaDB Connector/R2DBC

Version	Stable (GA) Date	End of Life Date
1.0	January 2020	27 June 2022

MariaDB Connector/ODBC

Version	Stable (GA) Date	End of Life Date
3.0	October 2017	09 May 2019

MariaDB Connector/C

Version	Stable (GA) Date	End of Life Date
2.3	July 2016	31 July 2021
3.0	July 2016	30 June 2019
3.2	July 2021	31 July 2022

MariaDB Connector/Node.js

Version	Stable (GA) Date	End of Life Date
2.0	January 2019	12 July 2019
2.1	July 2019	04 February 2020
2.2	February 2020	20 March 2020
2.3	March 2020	26 May 2020
2.4	May 2020	19 October 2020
2.5	October 2020	31 May 2024
3.0	February 2022	28 February 2023
3.1	February 2023	30 August 2023

MariaDB Connector/Python

Version	Stable (GA) Date	End of Life Date
1.0	June 2020	07 October 2024

5.2 Security Bug Fixing Policy

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

- **Critical bugs** contain an exploitable vulnerability that causes arbitrary code execution or allows an unauthenticated user to crash the server or gain access to data.
- **Medium bugs** are all bugs that are not classified at the red level.

We will strive to fix:

- Any **Critical security bug**, immediately in a new maintenance release. We will work on it until it's fixed, and release fixed (i.e., not vulnerable) MariaDB binaries, as soon as possible – usually the next day.
- **Medium security bugs**, as soon as possible. However, we will not change our planned release schedule to distribute the fix earlier.

5.3 Engineering Policy Changes

Updated in this policy version:

- Operating System Support:
  - Ubuntu 24.04 is now supported on MariaDB Connector/ODBC and MariaDB Connector/C++.
  - Python 3.13 is now supported on MariaDB Connector/Python.