



Red Hat Product Errata    RHSA-2023:5259 - Security Advisory

# RHSA-2023:5259 - Security Advisory

Issued: 2023-09-19    Updated: 2023-09-19

[Overview](#)[Updated Packages](#)

## Synopsis

Moderate: mariadb:10.3 security, bug fix, and enhancement update

## Type/Severity

Security Advisory: Moderate

### Red Hat Lightspeed patch analysis

Identify and remediate systems affected by this advisory.

[View affected systems](#) 

## Topic

An update for the mariadb:10.3 module is now available for Red Hat Enterprise Linux 8.

Red Hat Product Security has rated this update as having a security impact of Moderate. A Common Vulnerability Scoring System (CVSS) base score, which gives a detailed severity rating, is available for each vulnerability from the CVE link(s) in the References section.

## Description

MariaDB is a multi-user, multi-threaded SQL database server that is binary compatible with MySQL.

The following packages have been upgraded to a later upstream version: mariadb (10.3).  
(BZ#2223572, BZ#2223574, BZ#2223962, BZ#2223965)

Security Fix(es):

- mariadb: segmentation fault via the component sub\_select (CVE-2022-32084)
- mariadb: server crash in JOIN\_CACHE::free or in copy\_fields (CVE-2022-32091)
- mariadb: compress\_write() fails to release mutex on failure (CVE-2022-38791)
- mariadb: NULL pointer dereference in spider\_db\_mbase::print\_warnings() (CVE-2022-47015)

For more details about the security issue(s), including the impact, a CVSS score, acknowledgments, and other related information, refer to the CVE page(s) listed in the References section.

Bug Fix(es):

- [MariaDB 10.3.32] socat: E Failed to set SNI host "" (SST failure) (BZ#2223961)

## Solution

For details on how to apply this update, which includes the changes described in this advisory, refer to:

<https://access.redhat.com/articles/11258> 

After installing this update, the MariaDB server daemon (mysqld) will be restarted automatically.

## Affected Products

- Red Hat Enterprise Linux for x86\_64 8 x86\_64
- Red Hat Enterprise Linux for x86\_64 - Extended Update Support 8.8 x86\_64
- Red Hat Enterprise Linux for x86\_64 - Extended Update Support Extension 8.8 x86\_64
- Red Hat Enterprise Linux for IBM z Systems 8 s390x
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 8.8 s390x
- Red Hat Enterprise Linux for Power, little endian 8 ppc64le
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 8.8 ppc64le
- Red Hat Enterprise Linux Server - TUS 8.8 x86\_64
- Red Hat Enterprise Linux for ARM 64 8 aarch64
- Red Hat Enterprise Linux for ARM 64 - Extended Update Support 8.8 aarch64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 8.8 ppc64le
- Red Hat Enterprise Linux for x86\_64 - Update Services for SAP Solutions 8.8 x86\_64

- Red Hat Enterprise Linux for x86\_64 - Extended Life Cycle 8.10 x86\_64
- Red Hat Enterprise Linux for ARM 64 - Extended Life Cycle 8.10 aarch64
- Red Hat Enterprise Linux for Power, little endian - Extended Life Cycle 8.10 ppc64le
- Red Hat Enterprise Linux for IBM z Systems - Extended Life Cycle 8.10 s390x

## Fixes

- [BZ - 2106034](#) - CVE-2022-32084 mariadb: segmentation fault via the component sub\_select
- [BZ - 2106042](#) - CVE-2022-32091 mariadb: server crash in JOIN\_CACHE::free or in copy\_fields
- [BZ - 2130105](#) - CVE-2022-38791 mariadb: compress\_write() fails to release mutex on failure
- [BZ - 2163609](#) - CVE-2022-47015 mariadb: NULL pointer dereference in spider\_db\_mbase::print\_warnings()
- [BZ - 2223572](#) - [Tracker] Rebase to MariaDB 10.3.39 [rhel-8.8.0.z]
- [BZ - 2223574](#) - [Tracker] Rebase to Galera 25.3.37 [rhel-8.8.0.z]
- [BZ - 2223961](#) - [MariaDB 10.3.32] socat: E Failed to set SNI host "" (SST failure) [rhel-8.8.0.z]
- [BZ - 2223962](#) - [MariaDB 10.3] JSON\_VALUE() does not parse NULL properties properly [rhel-8.8.0.z]

## CVEs

- [CVE-2022-32084](#)
- [CVE-2022-32091](#)
- [CVE-2022-38791](#)
- [CVE-2022-47015](#)
- [CVE-2023-5157](#)

## References

- <https://access.redhat.com/security/updates/classification/#moderate>

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The Red Hat security contact is [secalert@redhat.com](mailto:secalert@redhat.com). More contact details at <https://access.redhat.com/security/team/contact/>.



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