



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

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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

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> [↗](#)

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



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