



Red Hat Product Errata RHSA-2023:7633 - Security Advisory

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Issued: 2023-12-04

Updated: 2023-12-04

[Overview](#)

[Updated Packages](#)

Synopsis

Important: rh-mariadb105-galera and rh-mariadb105-mariadb security update

Type/Severity

Security Advisory: Important

Red Hat Lightspeed patch analysis

Identify and remediate systems affected by this advisory.

[View affected systems](#) 

Topic

An update for rh-mariadb105-galera and rh-mariadb105-mariadb is now available for Red Hat Software Collections.

Red Hat Product Security has rated this update as having a security impact of Important. 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. For all practical purposes, MariaDB is binary-compatible with MySQL.

The following packages have been upgraded to a later upstream version: rh-mariadb105-galera (26.4.14), rh-mariadb105-mariadb (10.5.22). (BZ#2114888, BZ#2173013, BZ#2240558)

Security Fix(es):

- mariadb: node crashes with Transport endpoint is not connected mysqld got signal 6 (CVE-2023-5157)
- mariadb: use-after-poison in prepare_inplace_add_virtual in handler0alter.cc (CVE-2022-32081)
- mariadb: assertion failure at table->get_ref_count() == 0 in dict0dict.cc (CVE-2022-32082)
- mariadb: segmentation fault via the component sub_select (CVE-2022-32084)
- mariadb: server crash in st_select_lex_unit::exclude_level (CVE-2022-32089)
- 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.

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 Software Collections (for RHEL Server) 1 for RHEL 7 x86_64
- Red Hat Software Collections (for RHEL Server for System Z) 1 for RHEL 7 s390x
- Red Hat Software Collections (for RHEL Server for IBM Power LE) 1 for RHEL 7 ppc64le
- Red Hat Software Collections (for RHEL Workstation) 1 for RHEL 7 x86_64

Fixes

- [BZ - 2106028](#)  - CVE-2022-32081 mariadb: use-after-poison in prepare_inplace_add_virtual in handler0alter.cc

- [BZ - 2106030](#) - CVE-2022-32082 mariadb: assertion failure at table->get_ref_count() == 0 in dictOdict.cc
- [BZ - 2106034](#) - CVE-2022-32084 mariadb: segmentation fault via the component sub_select
- [BZ - 2106035](#) - CVE-2022-32089 mariadb: server crash in st_select_lex_unit::exclude_level
- [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 - 2240246](#) - CVE-2023-5157 mariadb: node crashes with Transport endpoint is not connected mysqld got signal 6

CVEs

- [CVE-2022-32081](#)
- [CVE-2022-32082](#)
- [CVE-2022-32084](#)
- [CVE-2022-32089](#)
- [CVE-2022-32091](#)
- [CVE-2022-38791](#)
- [CVE-2022-47015](#)
- [CVE-2023-5157](#)

References

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

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



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