



# CVE-2022-27387

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2022-27387
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-04-12 20:15:00 UTC
<b>Updated</b>	2022-09-29 16:22:00 UTC
<b>Description</b>	MariaDB Server v10.7 and below was discovered to contain a global buffer overflow in the component decimal_bin_size, w

## Risk And Classification

**Problem Types:** CWE-120

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Application	<a href="#">Mariadb</a>	<a href="#">Mariadb</a>	All	All	All	All
Application	<a href="#">Mariadb</a>	<a href="#">Mariadb</a>	All	All	All	All

## References

Reference	Source	Link	Tags
[MDEV-26422] ASAN: global-buffer-overflow in decimal_bin_size on SELECT - Jira	MISC	<a href="https://jira.mariadb.org">jira.mariadb.org</a>	
April 2022 MariaDB Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	
[SECURITY] [DLA 3114-1] mariadb-10.3 security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[160019](#) Oracle Enterprise Linux Security Update for mariadb:10.5 (ELSA-2022-5826)

[160037](#) Oracle Enterprise Linux Security Update for galera, mariadb, and mysql-selinux (ELSA-2022-5948)

<a href="#">160096</a> Oracle Enterprise Linux Security Update for mariadb:10.3 (ELSA-2022-6443)
<a href="#">181097</a> Debian Security Update for mariadb-10.3 (DLA 3114-1)
<a href="#">181386</a> Debian Security Update for mariadb-10.5 (CVE-2022-27387)
<a href="#">199043</a> Ubuntu Security Notification for MariaDB Vulnerabilities (USN-5739-1)
<a href="#">240565</a> Red Hat Update for rh-mariadb105-galera and rh-mariadb105-mariadb (RHSA-2022:5759)
<a href="#">240586</a> Red Hat Update for mariadb:10.5 security (RHSA-2022:5826)
<a href="#">240596</a> Red Hat Update for galera, mariadb, and mysql-selinux security (RHSA-2022:5948)
<a href="#">240645</a> Red Hat Update for rh-mariadb103-galera and rh-mariadb103-mariadb (RHSA-2022:6306)
<a href="#">240665</a> Red Hat Update for mariadb:10.3 (RHSA-2022:6443)
<a href="#">354476</a> Amazon Linux Security Advisory for mariadb105 : ALAS2022-2022-182
<a href="#">355152</a> Amazon Linux Security Advisory for mariadb105 : ALAS2023-2023-037
<a href="#">356265</a> Amazon Linux Security Advisory for mariadb : ALASMARIADB10.5-2023-003
<a href="#">377368</a> Alibaba Cloud Linux Security Update for mariadb:10.5 (ALINUX3-SA-2022:0151)
<a href="#">500390</a> Alpine Linux Security Update for mariadb
<a href="#">501434</a> Alpine Linux Security Update for mariadb
<a href="#">501972</a> Alpine Linux Security Update for mariadb
<a href="#">504148</a> Alpine Linux Security Update for mariadb
<a href="#">672043</a> EulerOS Security Update for mariadb (EulerOS-SA-2022-2227)
<a href="#">690871</a> Free Berkeley Software Distribution (FreeBSD) Security Update for mariadb (04fecc47-dad2-11ec-8fbd-d4c9ef517024)
<a href="#">752243</a> SUSE Enterprise Linux Security Update for mariadb (SUSE-SU-2022:2107-1)
<a href="#">752258</a> SUSE Enterprise Linux Security Update for mariadb (SUSE-SU-2022:2160-1)
<a href="#">752278</a> SUSE Enterprise Linux Security Update for mariadb (SUSE-SU-2022:2189-1)
<a href="#">753083</a> SUSE Enterprise Linux Security Update for mariadb (SUSE-SU-2022:2003-1)
<a href="#">753364</a> SUSE Enterprise Linux Security Update for mariadb (SUSE-SU-2022:2561-1)
<a href="#">900827</a> Common Base Linux Mariner (CBL-Mariner) Security Update for mariadb (9392)
<a href="#">901487</a> Common Base Linux Mariner (CBL-Mariner) Security Update for mariadb (9361)
<a href="#">902074</a> Common Base Linux Mariner (CBL-Mariner) Security Update for mariadb (9361-1)
<a href="#">902215</a> Common Base Linux Mariner (CBL-Mariner) Security Update for mariadb (9392-1)

<a href="#">940606</a> AlmaLinux Security Update for mariadb:10.5 (ALSA-2022:5826)
<a href="#">940632</a> AlmaLinux Security Update for galera, (ALSA-2022:5948)
<a href="#">940668</a> AlmaLinux Security Update for mariadb:10.3 (ALSA-2022:6443)
<a href="#">960383</a> Rocky Linux Security Update for mariadb:10.5 (RLSA-2022:5826)
<a href="#">960482</a> Rocky Linux Security Update for galera, (RLSA-2022:5948)

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