



CVE-2019-8457

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

Summary

CVE	CVE-2019-8457
State	PUBLIC
Assigner	cve@checkpoint.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-05-30 16:29:00 UTC
Updated	2023-11-07 03:13:00 UTC
Description	SQLite3 from 3.6.0 to and including 3.27.2 is vulnerable to heap out-of-bound read in the rtreenode() function when handling

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Opensuse	Leap	42.3	All	All	All
Operating System	Opensuse	Leap	42.3	All	All	All
Application	Sqlite	Sqlite	All	All	All	All

References

Reference

[SQLite: Check-in \[90acdbfc\]](#)

[Oracle Critical Patch Update Advisory - July 2020](#)

[USN-4004-2: Berkeley DB vulnerability | Ubuntu security notices](#)

[\[SECURITY\] Fedora 30 Update: sqlite-3.26.0-6.fc30 - package-announce - Fedora Mailing-Lists](#)

[Security Bulletin - Policy Auditor update fixes multiple vulnerabilities in third-party libraries \(CVE-2016-0718, CVE-2016-4472, CVE-2016-5300\)](#)

[\[SECURITY\] Fedora 29 Update: sqlite-3.26.0-4.fc29 - package-announce - Fedora Mailing-Lists](#)

[USN-4004-1: Berkeley DB vulnerability | Ubuntu security notices | Ubuntu](#)

[CVE-2019-8457 SQLite Vulnerability in NetApp Products | NetApp Product Security](#)

[\[SECURITY\] Fedora 29 Update: sqlite-3.26.0-4.fc29 - package-announce - Fedora Mailing-Lists](#)

[\[security-announce\] openSUSE-SU-2019:1645-1: important: Security update](#)

[Oracle Critical Patch Update - October 2019](#)

[Oracle Critical Patch Update Advisory - January 2020](#)

[\[SECURITY\] Fedora 30 Update: sqlite-3.26.0-6.fc30 - package-announce - Fedora Mailing-Lists](#)

[USN-4019-2: SQLite vulnerabilities | Ubuntu security notices](#)

[Oracle Critical Patch Update Advisory - April 2020](#)

[USN-4019-1: SQLite vulnerabilities | Ubuntu security notices](#)

[SQLite Release 3.28.0 On 2019-04-16](#)

[CVE Program record](#)

[NVD vulnerability detail](#)

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[181186](#) Debian Security Update for sqlite3 (CVE-2019-8457)

[377341](#) Alibaba Cloud Linux Security Update for sqlite (ALINUX3-SA-2022:0111)

[500651](#) Alpine Linux Security Update for sqlite

[504419](#) Alpine Linux Security Update for sqlite

[591406](#) Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)

[751168](#) SUSE Enterprise Linux Security Update for sqlite3 (SUSE-SU-2021:3215-1)

[904814](#) Common Base Linux Mariner (CBL-Mariner) Security Update for libdb (12356)

[904852](#) Common Base Linux Mariner (CBL-Mariner) Security Update for mozis60 (12368)

904872 Common Base Linux Mariner (CBL-Mariner) Security Update for perl-DBD-SQLite (12408)
904933 Common Base Linux Mariner (CBL-Mariner) Security Update for heimdal (12347)
905005 Common Base Linux Mariner (CBL-Mariner) Security Update for libdb (12512)
905167 Common Base Linux Mariner (CBL-Mariner) Security Update for heimdal (12497)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)