



# CVE-2017-10989

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2017-10989
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-07-07 12:29:00 UTC
<b>Updated</b>	2019-10-03 00:03:00 UTC
<b>Description</b>	The getNodeSize function in ext/rtree/rtree.c in SQLite through 3.19.3, as used in GDAL and other products, mishandles un

## Risk And Classification

**Problem Types:** CWE-125

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Sqlite	Sqlite	All	All	All	All

## References

### Reference

- [sqlite.org/src/vpatch](https://sqlite.org/src/vpatch)
- [SQLite: Check-in \[66de6f4a\]](#)
- [About the security content of macOS High Sierra 10.13 - Apple Support](#)
- [\[SECURITY\] \[DLA 1633-1\] sqlite3 security update](#)
- [About the security content of watchOS 4 - Apple Support](#)
- [CPU July 2018](#)
- [2405 - oss-fuzz - OSS-Fuzz: Fuzzing the planet - Monorail](#)
- [\[security-announce\] openSUSE-SU-2019:1426-1: moderate: Security update f](#)
- [About the security content of iOS 11 - Apple Support](#)
- [Apple macOS/OS X Multiple Flaws Let Remote and Local Users Bypass Security and Deny Service, Local Users Obtain Potentially Sensitive](#)
- [SQLite CVE-2017-10989 Heap Buffer Overflow Vulnerability](#)
- [About the security content of tvOS 11 - Apple Support](#)
- [USN-4019-2: SQLite vulnerabilities | Ubuntu security notices](#)

USN-4019-1: SQLite vulnerabilities | Ubuntu security notices

Bug #1700937 "Heap-buffer overflow in nodeAcquire" : Bugs : sqlite3 package : Ubuntu

'Re: [sqlite] clusterfuzz-found issue in GDAL, Ubuntu packages' - MARC

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

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

[904853](#) Common Base Linux Mariner (CBL-Mariner) Security Update for heimdal (12346)

[904860](#) Common Base Linux Mariner (CBL-Mariner) Security Update for libdb (12355)

[905142](#) Common Base Linux Mariner (CBL-Mariner) Security Update for heimdal (12494)

[905149](#) Common Base Linux Mariner (CBL-Mariner) Security Update for libdb (12511)

© [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](#)**