



CVE-2019-19923

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2019-19923
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-12-24 16:15:00 UTC
Updated	2022-04-15 16:18:00 UTC
Description	flattenSubquery in select.c in SQLite 3.30.1 mishandles certain uses of SELECT DISTINCT involving a LEFT JOIN in which

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Netapp	Cloud Backup	-	All	All	All
Application	Opensuse	Backports Sle	15.0	sp1	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Application	Oracle	Mysql Workbench	All	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Application	Siemens	Sinec Infrastructure Network Services	All	All	All	All
Application	Sqlite	Sqlite	3.30.1	All	All	All
Application	Sqlite	Sqlite	3.30.1	All	All	All
Operating System	Suse	Linux Enterprise	12.0	All	All	All
Application	Suse	Package Hub	-	All	All	All

References

Reference	Source	Link
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USN-4298-1: SQLite vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
Red Hat Customer Portal	REDHAT	access.redhat.com
[security-announce] openSUSE-SU-2020:0210-1: important: Security update	SUSE	lists.opensuse.org
[security-announce] openSUSE-SU-2020:0189-1: important: Security update	SUSE	lists.opensuse.org
Continue to back away from the LEFT JOIN optimization of check-in [41... · sqlite/sqlite@396afe6 · GitHub	MISC	github.com
[security-announce] openSUSE-SU-2020:0233-1: important: Security update	SUSE	lists.opensuse.org
cert-portal.siemens.com/productcert/pdf/ssa-389290.pdf	CONFIRM	cert-portal.siemens.com
January 2020 SQLite Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com
Oracle Critical Patch Update Advisory - April 2020	N/A	www.oracle.com
Debian -- Security Information -- DSA-4638-1 chromium	DEBIAN	www.debian.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [296075](#) Oracle Solaris 11.4 Support Repository Update (SRU) 21.69.0 Missing (CPUAPR2020)
- [377341](#) Alibaba Cloud Linux Security Update for sqlite (ALINUX3-SA-2022:0111)
- [591406](#) Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)
- [750831](#) SUSE Enterprise Linux Security Update for sqlite3 (SUSE-SU-2021:2320-1)
- [750834](#) OpenSUSE Security Update for sqlite3 (openSUSE-SU-2021:2320-1)
- [750856](#) OpenSUSE Security Update for sqlite3 (openSUSE-SU-2021:1058-1)
- [751168](#) SUSE Enterprise Linux Security Update for sqlite3 (SUSE-SU-2021:3215-1)

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