



CVE-2020-15358

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

Summary

CVE	CVE-2020-15358
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-06-27 12:15:00 UTC
Updated	2022-05-12 15:01:00 UTC
Description	In SQLite before 3.32.3, select.c mishandles query-flattener optimization, leading to a multiSelectOrderBy heap overflow be

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apple	Icloud	All	All	All	All
Application	Apple	Icloud	All	All	All	All
Operating System	Apple	Ipados	All	All	All	All
Operating System	Apple	Ipados	All	All	All	All
Operating System	Apple	Iphone Os	All	All	All	All
Operating System	Apple	Iphone Os	All	All	All	All
Operating System	Apple	Macos	All	All	All	All
Operating System	Apple	Mac Os	All	All	All	All
Operating System	Apple	Mac Os	All	All	All	All
Operating System	Apple	Tvos	All	All	All	All
Operating System	Apple	Tvos	All	All	All	All
Operating System	Apple	Watchos	All	All	All	All
Operating System	Apple	Watchos	All	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Application	Oracle	Communications Cloud Native Core Policy	1.14.0	All	All	All
Application	Oracle	Communications Messaging Server	8.1	All	All	All

Application	Oracle	Communications Network Charging And Control	12.0.2	All	All	All
Application	Oracle	Communications Network Charging And Control	6.0.1	All	All	All
Application	Oracle	Communications Network Charging And Control	12.0.2	All	All	All
Application	Oracle	Communications Network Charging And Control	6.0.1	All	All	All
Application	Oracle	Enterprise Manager Ops Center	12.4.0.0	All	All	All
Application	Oracle	Enterprise Manager Ops Center	12.4.0.0	All	All	All
Application	Oracle	Hyperion Infrastructure Technology	11.1.2.4	All	All	All
Application	Oracle	Hyperion Infrastructure Technology	11.1.2.4	All	All	All
Application	Oracle	Mysql	All	All	All	All
Application	Oracle	Outside In Technology	8.5.4	All	All	All
Application	Oracle	Outside In Technology	8.5.5	All	All	All
Application	Oracle	Outside In Technology	8.5.4	All	All	All
Application	Oracle	Outside In Technology	8.5.5	All	All	All
Application	Siemens	Sinec Infrastructure Network Services	All	All	All	All
Application	Sqlite	Sqlite	All	All	All	All
Application	Sqlite	Sqlite	All	All	All	All

References

Reference

Windows 用 iCloud 7.21 のセキュリティコンテンツについて - Apple サポート

SQLite: Timeline

Oracle Critical Patch Update Advisory - April 2022

Full Disclosure: APPLE-SA-2020-11-13-6 Additional information for APPLE-SA-2020-09-16-4 watchOS 7.0

Full Disclosure: APPLE-SA-2021-02-01-1 macOS Big Sur 11.2, Security Update 2021-001 Catalina, Security Update 2021-001 Mojave

Full Disclosure: APPLE-SA-2020-12-14-4 Additional information for APPLE-SA-2020-11-13-1 macOS Big Sur 11.0.1

About the security content of macOS Big Sur 11.0.1 - Apple Support

About the security content of macOS Big Sur 11.2, Security Update 2021-001 Catalina, Security Update 2021-001 Mojave - Apple Support

Oracle Critical Patch Update Advisory - October 2020

SQLite: Multiple vulnerabilities (GLSA 202007-26) — Gentoo security

CVE-2020-15358 SQLite Vulnerability in NetApp Products | NetApp Product Security

About the security content of tvOS 14.0 - Apple Support

USN-4438-1: SQLite vulnerability | Ubuntu security notices | Ubuntu

About the security content of watchOS 7.0 - Apple Support

About the security content of iOS 14.0 and iPadOS 14.0 - Apple Support

cert-portal.siemens.com/productcert/pdf/ssa-389290.pdf

SQLite: View Ticket

SQLite: Check-in [10fa79d0]

Full Disclosure: APPLE-SA-2020-11-13-4 Additional information for APPLE-SA-2020-09-16-2 tvOS 14.0

Full Disclosure: APPLE-SA-2020-11-13-3 Additional information for APPLE-SA-2020-09-16-1 iOS 14.0 and iPadOS 14.0

Oracle Critical Patch Update Advisory - April 2021

Oracle Critical Patch Update Advisory - January 2021

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[159186](#) Oracle Enterprise Linux Security Update for sqlite (ELSA-2021-1581)

[239338](#) Red Hat Update for sqlite (RHSA-2021:1581)

[296071](#) Oracle Solaris 11.4 Support Repository Update (SRU) 27.82.1 Missing (CPUOCT2020)

[377330](#) Alibaba Cloud Linux Security Update for mingw packages (ALINUX3-SA-2022:0121)

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

[500655](#) Alpine Linux Security Update for sqlite

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

[610373](#) Google Android Devices October 2021 Security Patch Missing

[610375](#) Google Android October 2021 Security Patch Missing for Samsung

[610376](#) Google Android October 2021 Security Patch Missing for LGE

[610381](#) Google Android November 2021 Security Patch Missing for Huawei EMUI

[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)

[900182](#) CBL-Mariner Linux Security Update for mysql 8.0.22

[903606](#) Common Base Linux Mariner (CBL-Mariner) Security Update for mysql (3878)

[940008](#) AlmaLinux Security Update for sqlite (ALSA-2021:1581)

[960754](#) Rocky Linux Security Update for sqlite (RLSA-2021:1581)

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