



# CVE-2019-3859

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

## Summary

<b>CVE</b>	CVE-2019-3859
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-03-21 16:01:00 UTC
<b>Updated</b>	2023-11-07 03:10:00 UTC
<b>Description</b>	An out of bounds read flaw was discovered in libssh2 before 1.8.1 in the _libssh2_packet_require and _libssh2_packet_req

## Risk And Classification

### Problem Types: CWE-125

## 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>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	28	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	29	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	28	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	29	All	All	All
Application	<a href="#">Libssh2</a>	<a href="#">Libssh2</a>	All	All	All	All
Application	<a href="#">Libssh2</a>	<a href="#">Libssh2</a>	All	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Ontap Select Deploy Administration Utility</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Ontap Select Deploy Administration Utility</a>	-	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.0	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	42.3	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.0	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	42.3	All	All	All

## References

### Reference

[\[security-announce\] openSUSE-SU-2019:1291-1: important: Security update](#)

[\[SECURITY\] Fedora 28 Update: libssh2-1.8.1-1.fc28 - package-announce - Fedora Mailing-Lists](#)

[\[SECURITY\] \[DLA 1730-2\] libssh2 regression update](#)

[Broadcom Inc. | Connecting Everything](#)

[Bugtraq: \[SECURITY\] \[DSA 4431-1\] libssh2 security update](#)

[oss-security - \[SECURITY ADVISORIES\] libssh2](#)

[March 2019 Libssh2 Vulnerabilities in NetApp Products | NetApp Product Security](#)

[Debian -- Security Information -- DSA-4431-1 libssh2](#)

[\[SECURITY\] Fedora 28 Update: libssh2-1.8.1-1.fc28 - package-announce - Fedora Mailing-Lists](#)

[\[SECURITY\] Fedora 29 Update: libssh2-1.8.1-1.fc29 - package-announce - Fedora Mailing-Lists](#)

[\[security-announce\] openSUSE-SU-2019:1075-1: moderate: Security update f](#)

[Slackware Security Advisory - libssh2 Updates ≈ Packet Storm](#)

[\[SECURITY\] \[DLA 1730-3\] libssh2 regression update](#)

[\[SECURITY\] \[DLA 1730-1\] libssh2 security update](#)

[libssh2 Multiple Security Vulnerabilities](#)

[libssh2 Security Advisory: CVE-2019-3859](#)

[\[SECURITY\] Fedora 29 Update: libssh2-1.8.1-1.fc29 - package-announce - Fedora Mailing-Lists](#)

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

[\[security-announce\] openSUSE-SU-2019:1109-1: moderate: Security update f](#)

[\[security-announce\] openSUSE-SU-2019:1290-1: important: Security update](#)

[Bugtraq: \[slackware-security\] libssh2 \(SSA:2019-077-01\)](#)

[1687307 – \(CVE-2019-3859\) CVE-2019-3859 libssh2: Unchecked use of \\_libssh2\\_packet\\_require and \\_libssh2\\_packet\\_requirev resulting in c](#)

[CVE Program record](#)

[NVD vulnerability detail](#)



No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[355094](#) Amazon Linux Security Advisory for libssh2 : ALAS2-2023-2046

[355347](#) Amazon Linux Security Advisory for libssh2 : ALAS-2023-1756

[355524](#) Amazon Linux Security Advisory for libssh2 : AL2012-2023-423

[500318](#) Alpine Linux Security Update for libssh2

[504085](#) Alpine Linux Security Update for libssh2

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

[750528](#) OpenSUSE Security Update for libssh2\_org (openSUSE-SU-2020:2129-1)

[750530](#) OpenSUSE Security Update for libssh2\_org (openSUSE-SU-2020:2126-1)

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