



CVE-2019-12312

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

Summary

CVE	CVE-2019-12312
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-05-24 14:29:00 UTC
Updated	2020-08-24 17:37:00 UTC
Description	In Libreswan 3.27 an assertion failure can lead to a pluto IKE daemon restart. An attacker can trigger a NULL pointer dereference.

Risk And Classification

Problem Types: CWE-476 | CWE-617

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference	Source	Link
Comparing 9b1394e...3897683 · libreswan/libreswan · GitHub	MISC	github.com
libreswan.org/security/CVE-2019-12312/CVE-2019-12312.txt	CONFIRM	libreswan.org
libreswan.org/security/CVE-2019-12312/libreswan-3.27-CVE-2019-12312.patch	CONFIRM	libreswan.org
404 Not Found	MISC	www.iwanta.com
NULL pointer dereference and pluto daemon restart in Libreswan 3.27 · Issue #246 · libreswan/libreswan · GitHub	MISC	github.com
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

[501055](#) Alpine Linux Security Update for libreswan

© [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](#)