



CVE-2018-5388

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

Summary

CVE	CVE-2018-5388
State	PUBLIC
Assigner	cert@cert.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-05-31 13:29:00 UTC
Updated	2023-11-07 02:58:00 UTC
Description	In stroke_socket.c in strongSwan before 5.6.3, a missing packet length check could allow a buffer underflow, which may lead to a denial of service.

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Strongswan	Strongswan	All	All	All	All
Application	Strongswan	Strongswan	All	All	All	All

References

Reference	Source	Link	Tags
[security-announce] openSUSE-SU-2019:2598-1: important: Security update	SUSE	lists.opensuse.org	
git.strongswan.org Git - strongswan.git/commitdiff		git.strongswan.org	

git.strongswan.org Git - strongswan.git/commitdiff	CONFIRM	git.strongswan.org	Vendor Advisory
Debian -- Security Information -- DSA-4229-1 strongswan	DEBIAN	www.debian.org	Third Party Advisory
[security-announce] openSUSE-SU-2019:2594-1: important: Security update	SUSE	lists.opensuse.org	
strongSwan: Multiple vulnerabilities (GLSA 201811-16) — Gentoo security	GENTOO	security.gentoo.org	Third Party Advisory
strongSwan VPN Charon Server Buffer Overflow ≈ Packet Storm	MISC	packetstormsecurity.com	
USN-3771-1: strongSwan vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Third Party Advisory
strongSwan CVE-2018-5388 Buffer Underflow Vulnerability	BID	www.securityfocus.com	Third Party Advisory
[security-announce] openSUSE-SU-2020:0403-1: moderate: Security update f	SUSE	lists.opensuse.org	
CERT Vulnerability Notes Database	CERT-VN	www.kb.cert.org	Third Party Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

LEGACY: Thanks to Kevin Backhouse for reporting this vulnerability.

Legacy QID Mappings

[500666](#) Alpine Linux Security Update for strongswan

[504436](#) Alpine Linux Security Update for strongswan

[690655](#) Free Berkeley Software Distribution (FreeBSD) Security Update for strongswan (7fc3e827-64a5-11e8-aedb-00224d821998)

[710305](#) Gentoo Linux strongSwan Multiple Vulnerabilities (GLSA 201811-16)

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