



CVE-2017-16996

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Summary

CVE	CVE-2017-16996
State	PUBLIC
Assigner	security@debian.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-12-27 17:08:00 UTC
Updated	2023-01-19 15:45:00 UTC
Description	kernel/bpf/verifier.c in the Linux kernel through 4.14.8 allows local users to cause a denial of service (memory corruption) or

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link	Tags
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	Issue Track
1454 - arbitrary read+write via incorrect range tracking in eBPF - project-zero - Monorail	MISC	bugs.chromium.org	Third Party
bpf: fix incorrect tracking of register size truncation · torvalds/linux@0c17d1d · GitHub	MISC	github.com	Patch, Venc
oss-security - Linux >=4.9: eBPF memory corruption bugs	MISC	openwall.com	Issue Track
Linux Kernel CVE-2017-16996 Local Memory Corruption Vulnerability	BID	www.securityfocus.com	Third Party
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, e

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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