CVE-2017-17863

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Summary

CVE	CVE-2017-17863
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-12-27 17:08:00 UTC
Updated	2018-03-16 01:29:00 UTC
Description	kernel/bpf/verifier.c in the Linux kernel 4.9.x through 4.9.71 does not check the relationship between pointer values and the

Risk And Classification

Problem Types: CWE-190

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

References

Reference	Source
[PATCH stable/4.9 3/4] bpf: reject out-of-bounds stack pointer calculation — Linux Stable Kernel Updates	MISC
Linux Kernel Extended BPF Verifier Stack Pointer Calculation Flaw Lets Local Users Gain Elevated Privileges - SecurityTracker	SECTRACK
USN-3523-3: Linux kernel (Raspberry Pi 2) vulnerabilities | Ubuntu security notices	UBUNTU
Malformed Request	BID
Debian -- Security Information -- DSA-4073-1 linux	DEBIAN
USN-3523-2: Linux kernel (HWE) vulnerabilities | Ubuntu	UBUNTU
404 Not Found	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status **status.cve.report**