



CVE-2017-17862

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

Summary

CVE	CVE-2017-17862
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-12-27 17:08:00 UTC
Updated	2018-04-07 01:29:00 UTC
Description	kernel/bpf/verifier.c in the Linux kernel through 4.14.8 ignores unreachable code, even though it would still be processed by

Risk And Classification

Problem Types: CWE-20

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
404 Not Found
kernel/git/torvalds/linux.git - Linux kernel source tree
USN-3619-1: Linux kernel vulnerabilities Ubuntu security notices
USN-3619-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices
Debian -- Security Information -- DSA-4073-1 linux
bpf: fix branch pruning logic · torvalds/linux@c131187 · GitHub
Linux Kernel Extended BPF Verifier Branch Pruning Logic Error May Let Local Users Cause Denial of Service Conditions - SecurityTracker
USN-3523-2: Linux kernel (HWE) vulnerabilities Ubuntu
Linux Kernel CVE-2017-17862 Local Denial of Service Vulnerability
[PATCH stable/4.9 2/4] bpf: fix branch pruning logic — Linux Stable Kernel Updates
CVE Program record

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

751451 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3935-1)

© [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](#)