

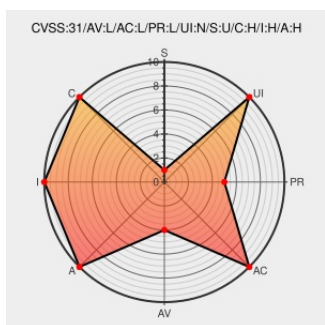


CVE-2017-17852

Published on: 12/22/2017 12:00:00 AM UTC

Last Modified on: 01/19/2023 03:45:00 PM UTC

CVE-2017-17852

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Debian Linux](#) from [Debian](#) contain the following vulnerability:

kernel/bpf/verifier.c in the Linux kernel through 4.14.8 allows local users to cause a denial of service (memory corruption) or possibly have unspecified other impact by leveraging mishandling of 32-bit ALU ops.

CVE-2017-17852 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
bpf: fix 32-bit ALU op verification · torvalds/linux@468f6ea · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/torvalds/linux/commit/468f6eafa6c44cb2c5d8aad35e12f06c240a812a

kernel/git/torvalds/linux.git - Linux kernel source tree

Vendor Advisory

git.kernel.org

text/html

MISC

git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/commit/?id=468f6eafa6c44cb2c5d8aad35e12f06c240a812a

oss-security - Linux >=4.9: eBPF memory corruption bugs

Mailing List

www.openwall.com

text/html

MISC

www.openwall.com/lists/oss-security/2017/12/21/2

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

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

cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID →