CVE-2017-17712

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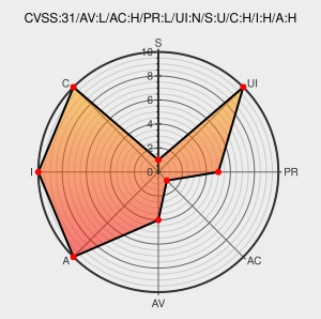
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Linux Kernel from Linux contain the following vulnerability:

The raw_sendmsg() function in net/ipv4/raw.c in the Linux kernel through 4.14.6 has a race condition in inet->hdrincl that leads to uninitialized stack pointer usage; this allows a local user to execute code and gain privileges.

CVE-2017-17712 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7 - HIGH

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

CVSS2 Score: 6.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
net: ipv4: fix for a race condition in raw_sendmsg · torvalds/linux@8f659a0 · GitHub	Patch, github.com, text/html	CONFIRM github.com/torvalds/linux/commit/8f659a03a0ba9289b9aeb9b4470e6fb263d6f483
USN-3581-3: Linux kernel	usn.ubuntu.com	UBUNTU USN-3581-3

(Raspberry Pi 2) vulnerabilities | Ubuntu security notices | Ubuntu	text/html	
USN-3582-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-3582-2
USN-3582-1: Linux kernel vulnerabilities | Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-3582-1
USN-3581-1: Linux kernel vulnerabilities | Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-3581-1
Pixel/Nexus Security Bulletin—April 2018 | Android Open Source Project	source.android.com text/html	CONFIRM source.android.com/security/bulletin/pixel/2018-04-01
Debian -- Security Information -- DSA-4073-1 linux	Third Party Advisory www.debian.org Depreciated Link text/html	DEBIAN DSA-4073
Red Hat Customer Portal	access.redhat.com text/html	REDHAT RHSA-2018:0502
USN-3581-2: Linux kernel (HWE) vulnerabilities | Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-3581-2
kernel/git/torvalds/linux.git - Linux kernel source tree	Patch git.kernel.org text/html	CONFIRM git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/commit/?id=8f659a03a0ba9289b9aeb9b4470e6fb263d6f483

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

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

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→

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