CVE-2017-12190

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2017-12190
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-11-22 18:29:00 UTC
Updated	2023-02-12 23:27:00 UTC
Description	The bio_map_user_iov and bio_unmap_user functions in block/bio.c in the Linux kernel before 4.13.8 do unbalanced refcou

Risk And Classification

Problem Types: CWE-400

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference	Source	Link
Linux kernel 'block/bio.c' Multiple Local Information Disclosure Vulnerabilities	BID	www
Red Hat Customer Portal	REDHAT	acce
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.13.8	CONFIRM	www
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.k
Red Hat Customer Portal	REDHAT	acce
support.f5.com/csp/article/K93472064	CONFIRM	supp
more bio_map_user_iov() leak fixes · torvalds/linux@2b04e8f · GitHub	CONFIRM	githu
USN-3582-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices	UBUNTU	usn.u
[SECURITY] [DLA 1200-1] linux security update	MLIST	lists.
Red Hat Customer Portal	REDHAT	acce
USN-3582-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.u
Bug 1495089 – CVE-2017-12190 kernel: memory leak when merging buffers in SCSI IO vectors	CONFIRM	bugz
fix unbalanced page refcounting in bio_map_user_iov · torvalds/linux@95d78c2 · GitHub	CONFIRM	githu

USN-3583-2: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu security notices	UBUNTU	usn.u
Red Hat Customer Portal	REDHAT	acce
Red Hat Customer Portal	REDHAT	acce
USN-3583-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.u
CVE-2017-12190 - Red Hat Customer Portal	MISC	acce
support.f5.com/csp/article/K93472064	MISC	supp
oss-sec: CVE-2017-12190: Linux kernel: block: memory leak when merging small consecutive buffers in SCSI IO vectors	CONFIRM	secli
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.ke
Red Hat Customer Portal	REDHAT	acce
CVE Program record	CVE.ORG	www
NVD vulnerability detail	NVD	nvd.n

No vendor comments have been submitted for this CVE.

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