



CVE-2017-18203

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Summary

CVE	CVE-2017-18203
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-02-27 20:29:00 UTC
Updated	2018-06-20 01:29:00 UTC
Description	The dm_get_from_kobject function in drivers/md/dm.c in the Linux kernel before 4.14.3 allow local users to cause a denial of service (DoS) by allocating a large amount of memory.

Risk And Classification

Problem Types: CWE-362

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference	Source	Link
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
Red Hat Customer Portal	REDHAT	access.redhat.com
Linux Kernel 'drivers/md/dm.c' Local Denial of Service Vulnerability	BID	www.securityfocus.com
USN-3619-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
USN-3655-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.14.3	MISC	www.kernel.org
USN-3619-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
USN-3655-2: Linux kernel (Trusty HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
Red Hat Customer Portal	REDHAT	access.redhat.com
USN-3657-1: Linux kernel (Raspberry Pi 2) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
Debian -- Security Information -- DSA-4187-1 linux	DEBIAN	www.debian.org
[SECURITY] [DLA 1369-1] linux security update	MLIST	lists.debian.org

USN-3653-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
Red Hat Customer Portal	REDHAT	access.redhat.com
USN-3653-2: Linux kernel (HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
Red Hat Customer Portal	REDHAT	access.redhat.com
dm: fix race between dm_get_from_kobject() and __dm_destroy() · torvalds/linux@b9a41d2 · GitHub	MISC	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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