



CVE-2018-5344

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Summary

CVE	CVE-2018-5344
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-01-12 09:29:00 UTC
Updated	2020-08-24 17:37:00 UTC
Description	In the Linux kernel through 4.14.13, drivers/block/loop.c mishandles lo_release serialization, which allows attackers to caus

Risk And Classification

Problem Types: CWE-362 | CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.10	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Application	Redhat	Virtualization	4.0	All	All	All
Application	Redhat	Virtualization	4.0	All	All	All

References			
Reference	Source	Link	Tags
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	Patch, Third Part
Linux Kernel 'drivers/block/loop.c' Local Denial of Service Vulnerability	BID	www.securityfocus.com	Third Party Advis
USN-3619-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advis
USN-3617-2: Linux (HWE) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Third Party Advis
USN-3619-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advis
USN-3617-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advis
Red Hat Customer Portal	REDHAT	access.redhat.com	Third Party Advis
USN-3583-2: Linux kernel (Trusty HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advis
USN-3583-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advis
USN-3617-3: Linux kernel (Raspberry Pi 2) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advis
loop: fix concurrent lo_open/lo_release · torvalds/linux@ae66501 · GitHub	MISC	github.com	Patch, Third Part
USN-3632-1: Linux kernel (Azure) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advis
Red Hat Customer Portal	REDHAT	access.redhat.com	Third Party Advis
Red Hat Customer Portal	REDHAT	access.redhat.com	Third Party Advis
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analys

No vendor comments have been submitted for this CVE.

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