CVE-2018-10879

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

Summary

CVE	CVE-2018-10879
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-07-26 18:29:00 UTC
Updated	2023-02-13 04:51:00 UTC
Description	A flaw was found in the Linux kernel's ext4 filesystem. A local user can cause a use-after-free in ext4_xattr_set_entry functi

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	18.04	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	18.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	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

References

Reference	Source	Link
USN-3871-3: Linux kernel (AWS, GCP, KVM, OEM, Raspberry Pi 2) vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.u
1596806 – (CVE-2018-10879) CVE-2018-10879 kernel: use-after-free detected in ext4_xattr_set_entry with a crafted file	MISC	bugzi
200001 – use-after-free detected by KASAN in ext4_xattr_set_entry when renaming a file in a crafted ext4 image	CONFIRM	bugzi
[2/2] ext4: always verify the magic number in xattr blocks - Patchwork	CONFIRM	patch
[SECURITY] [DLA 1423-1] linux-4.9 new package	MLIST	lists.d
Linux Kernel CVE-2018-10879 Local Denial of Service Vulnerability	BID	www
USN-3871-5: Linux kernel (Azure) vulnerabilities | Ubuntu security notices	UBUNTU	usn.u
[1/2] ext4: add corruption check in ext4_xattr_set_entry() - Patchwork	CONFIRM	patch
Red Hat Customer Portal	REDHAT	acces
1596806 – (CVE-2018-10879) CVE-2018-10879 kernel: use-after-free detected in ext4_xattr_set_entry with a crafted file	CONFIRM	bugzi
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.ke
USN-3871-4: Linux kernel (HWE) vulnerabilities | Ubuntu security notices	UBUNTU	usn.u
CVE-2018-10879 - Red Hat Customer Portal	MISC	acces
USN-3753-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.u
USN-3871-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.u
USN-3753-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.u
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.ke
Red Hat Customer Portal	REDHAT	acces
Red Hat Customer Portal	REDHAT	acces
CVE Program record	CVE.ORG	www
NVD vulnerability detail	NVD	nvd.r

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

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