



CVE-2018-10876

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2018-10876
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 Linux kernel in the ext4 filesystem code. A use-after-free is possible in ext4_ext_remove_space() 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
Operating System	Linux	Linux Kernel	-	All	All	All

References

Reference	Source	Link
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kerne
USN-3871-3: Linux kernel (AWS, GCP, KVM, OEM, Raspberry Pi 2) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubur
199403 – KASAN: use-after-free in jbd2_journal_commit_transaction()	CONFIRM	bugzilla.f
[SECURITY] [DLA 1423-1] linux-4.9 new package	MLIST	lists.debi

1596773 – (CVE-2018-10876) CVE-2018-10876 kernel: use-after-free in jbd2_journal_commit_transaction funtion	MISC	bugzilla.r
USN-3871-5: Linux kernel (Azure) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubur
USN-3871-4: Linux kernel (HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubur
CVE-2018-10876 - Red Hat Customer Portal	MISC	access.r
[3/3] ext4: only look at the bg_flags field if it is valid - Patchwork	CONFIRM	patchwo
Linux Kernel Components Multiple Security Vulnerabilities	BID	www.sec
Red Hat Customer Portal	REDHAT	access.r
1596773 – (CVE-2018-10876) CVE-2018-10876 kernel: use-after-free in jbd2_journal_commit_transaction funtion	CONFIRM	bugzilla.r
USN-3753-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubur
Linux Kernel 'ext4_ext_remove_space()' Function Local Denial of Service Vulnerability	BID	www.sec
USN-3871-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubur
USN-3753-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubur
CVE Program record	CVE.ORG	www.cve
NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[670269](#) EulerOS Security Update for kernel (EulerOS-SA-2021-1808)

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)