



CVE-2019-11833

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

Summary

CVE	CVE-2019-11833
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-05-15 13:29:00 UTC
Updated	2023-11-07 03:03:00 UTC
Description	fs/ext4/extents.c in the Linux kernel through 5.1.2 does not zero out the unused memory region in the extent tree block, whi

Risk And Classification

Problem Types: CWE-908

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	19.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.1	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.6	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time	7	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time	8.0	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time For Nfv	7	All	All	All

Operating System	Redhat	Enterprise Linux For Real Time For Nfv	8.0	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time For Nfv Tus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time For Nfv Tus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time For Nfv Tus	8.6	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time Tus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time Tus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time Tus	8.6	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References						
Reference			Source		Link	
USN-4069-2: Linux kernel (HWE) vulnerabilities Ubuntu security notices Ubuntu			UBUNTU		usn.ubuntu.com	
Red Hat Customer Portal			REDHAT		access.redhat.co	
Bugtraq: [SECURITY] [DSA 4465-1] linux security update			BUGTRAQ		seclists.org	
USN-4069-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu			UBUNTU		usn.ubuntu.com	
Red Hat Customer Portal			REDHAT		access.redhat.co	
[security-announce] openSUSE-SU-2019:1570-1: important: Security update			SUSE		lists.opensuse.or	
[security-announce] openSUSE-SU-2019:1479-1: important: Security update			SUSE		lists.opensuse.or	
Red Hat Customer Portal			REDHAT		access.redhat.co	
Debian -- Security Information -- DSA-4465-1 linux			DEBIAN		www.debian.org	
USN-4095-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices Ubuntu			UBUNTU		usn.ubuntu.com	
[SECURITY] Fedora 29 Update: kernel-headers-5.0.19-200.fc29 - package-announce - Fedora Mailing-Lists					lists.fedoraprojec	
Malformed Request			BID		www.securityfocu	
USN-4118-1: Linux kernel (AWS) vulnerabilities Ubuntu security notices Ubuntu			UBUNTU		usn.ubuntu.com	
USN-4076-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu			UBUNTU		usn.ubuntu.com	
[SECURITY] [DLA 1823-1] linux security update			MLIST		lists.debian.org	
USN-4068-2: Linux kernel (HWE) vulnerabilities Ubuntu security notices Ubuntu			UBUNTU		usn.ubuntu.com	
Kernel Live Patch Security Notice LSN-0058-1 ≈ Packet Storm			MISC		packetstormsecu	
[SECURITY] [DLA 1823-1] linux security update			MLIST		lists.debian.org	

[SECURITY] [DLA 1824-1] linux-4.9 security update	MLIST	lists.debian.org
ext4: zero out the unused memory region in the extent tree block · torvalds/linux@592acbf · GitHub	MISC	github.com
[security-announce] openSUSE-SU-2019:1579-1: important: Security update	SUSE	lists.opensuse.org
[SECURITY] Fedora 29 Update: kernel-headers-5.0.19-200.fc29 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
Red Hat Customer Portal	REDHAT	access.redhat.com
USN-4068-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.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.

Legacy QID Mappings

[377057](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2019:0036)

© [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](#).

Free CVE JSON API cve.report/api

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