



CVE-2019-5188

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2019-5188
State	PUBLIC
Assigner	talos-cna@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-01-08 16:15:00 UTC
Updated	2023-11-07 03:11:00 UTC
Description	A code execution vulnerability exists in the directory rehashing functionality of E2fsprogs e2fsck 1.45.4. A specially crafted e

Risk And Classification

Problem Types: CWE-787

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	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	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	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	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	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	E2fsprogs Project	E2fsprogs	All	All	All	All

Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Hardware	Netapp	Hci Compute Node	-	All	All	All
Operating System	Netapp	Hci Compute Node Firmware	-	All	All	All
Application	Netapp	Solidfire Enterprise Sds Hci Storage Node	-	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All

References

Reference	Source	Link	T
[SECURITY] [DLA 2156-1] e2fsprogs security update	MLIST	lists.debian.org	M
USN-4249-1: e2fsprogs vulnerability Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	T
[SECURITY] Fedora 30 Update: e2fsprogs-1.44.6-2.fc30 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
TALOS-2019-0973 Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	CONFIRM	talosintelligence.com	E
[security-announce] openSUSE-SU-2020:0166-1: moderate: Security update f	SUSE	lists.opensuse.org	M
[SECURITY] Fedora 31 Update: e2fsprogs-1.45.5-1.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] Fedora 31 Update: e2fsprogs-1.45.5-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	T
[SECURITY] Fedora 30 Update: e2fsprogs-1.44.6-2.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	T
[SECURITY] [DLA 2290-1] e2fsprogs security update	MLIST	lists.debian.org	M
CVE-2019-5188 E2fsprogs Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	
CVE Program record	CVE.ORG	www.cve.org	c
NVD vulnerability detail	NVD	nvd.nist.gov	c

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[377536](#) Alibaba Cloud Linux Security Update for e2fsprogs (ALINUX2-SA-2020:0152)

[500171](#) Alpine Linux Security Update for e2fsprogs

[503906](#) Alpine Linux Security Update for e2fsprogs

[591406](#) Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)

[900188](#) CBL-Mariner Linux Security Update for e2fsprogs 1.44.6

[903332](#) Common Base Linux Mariner (CBL-Mariner) Security Update for e2fsprogs (3726)

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