



CVE-2018-10877

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Summary

CVE	CVE-2018-10877
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-07-18 15:29:00 UTC
Updated	2023-02-13 04:51:00 UTC
Description	Linux kernel ext4 filesystem is vulnerable to an out-of-bound access in the ext4_ext_drop_refs() function when operating or

Risk And Classification

Problem Types: CWE-125

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	4.16	All	All	All
Operating System	Linux	Linux Kernel	4.17	All	All	All
Operating System	Linux	Linux Kernel	4.16	All	All	All
Operating System	Linux	Linux Kernel	4.17	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All

References

Reference	Sour
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USN-3871-3: Linux kernel (AWS, GCP, KVM, OEM, Raspberry Pi 2) vulnerabilities Ubuntu security notices Ubuntu	UBUN
1596795 – (CVE-2018-10877) CVE-2018-10877 kernel: out-of-bound access in ext4_ext_drop_refs function with a crafted ext4 image	MISC
CVE-2018-10877 - Red Hat Customer Portal	MISC
Linux Kernel 'ext4_ext_drop_refs()' Function Local Denial of Service Vulnerability	BID
[SECURITY] [DLA 1423-1] linux-4.9 new package	MLIS
USN-3871-5: Linux kernel (Azure) vulnerabilities Ubuntu security notices	UBUN
USN-3871-4: Linux kernel (HWE) vulnerabilities Ubuntu security notices	UBUN
Linux Kernel Components Multiple Security Vulnerabilities	BID
USN-3754-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUN
USN-3753-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUN
USN-3871-1: Linux kernel vulnerabilities Ubuntu security notices	UBUN
USN-3753-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices Ubuntu	UBUN
1596795 – (CVE-2018-10877) CVE-2018-10877 kernel: out-of-bound access in ext4_ext_drop_refs function with a crafted ext4 image	CON
Red Hat Customer Portal	REDH
CVE Program record	CVE.
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

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

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