CVE-2018-18690

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Summary

CVE	CVE-2018-18690
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-10-26 18:29:00 UTC
Updated	2019-10-03 00:03:00 UTC
Description	In the Linux kernel before 4.17, a local attacker able to set attributes on an xfs filesystem could make this filesystem non-op

Risk And Classification

Problem Types: CWE-754

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	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	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

References

Reference
USN-3848-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices | Ubuntu
199119 – Replacing XFS extended attribute with longer value causes filesystem corruption

USN-3847-3: Linux kernel (Azure) vulnerabilities | Ubuntu security notices | Ubuntu
USN-3848-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu
kernel/git/torvalds/linux.git - Linux kernel source tree
[SECURITY] [DLA 1715-1] linux-4.9 security update
[SECURITY] [DLA 1731-2] linux regression update
Malformed Request
[SECURITY] [DLA 1731-1] linux security update
xfs: don't fail when converting shortform attr to long form during AT… · torvalds/linux@7b38460 · GitHub
USN-3847-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu
USN-3849-2: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu security notices
Bug 1105025 – VUL-0: CVE-2018-18690: kernel-source: xfs: xfstests generic/486 fail in xfs could be used by local users to disable filesystems
USN-3847-2: Linux kernel (HWE) vulnerabilities | Ubuntu security notices | Ubuntu
USN-3849-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

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