CVE-2019-19039

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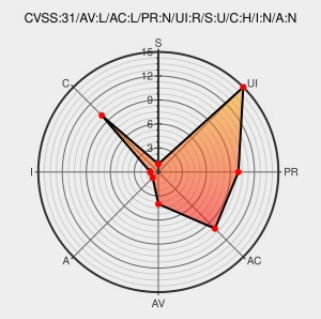

Certain versions of Ubuntu Linux from Canonical contain the following vulnerability:

** DISPUTED ** __btrfs_free_extent in fs/btrfs/extent-tree.c in the Linux kernel through 5.3.12 calls btrfs_print_leaf in a certain ENOENT case, which allows local users to obtain potentially sensitive information about register values via the dmesg program. NOTE: The BTRFS development team disputes this issues as not being a vulnerability because “1) The kernel provide facilities to restrict access to dmesg - dmesg_restrict=1 sysctl option. So it's really up to the system administrator to judge whether dmesg access shall be disallowed or not. 2) WARN/WARN_ON are widely used macros in the linux kernel. If this CVE is considered valid this would mean there are literally thousands CVE lurking in the kernel - something which clearly is not the case.”

CVE-2019-19039 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	NONE	NONE

CVSS2 Score: 1.9 - LOW

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
CVE/CVE-2019-19039 at master · bobfuzzer/CVE · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/bobfuzzer/CVE/tree/master/CVE-2019-19039
[SECURITY] [DLA 2483-1] linux-4.19 security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20201210 [SECURITY] [DLA 2483-1] linux-4.19 security update
USN-4414-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4414-1

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

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	Debian	Debian Linux	9.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:esm:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:esm:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:*:

cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

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