CVE-2018-13097

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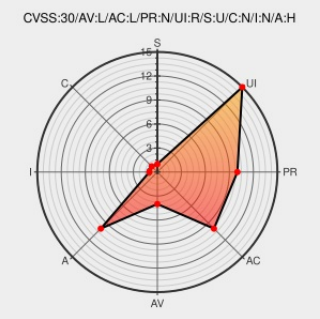
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Linux Kernel from Linux contain the following vulnerability:

An issue was discovered in fs/f2fs/super.c in the Linux kernel through 4.17.3. There is an out-of-bounds read or a divide-by-zero error for an incorrect user_block_count in a corrupted f2fs image, leading to a denial of service (BUG).

CVE-2018-13097 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	NONE	NONE	HIGH

CVSS2 Score: 4.3 - MEDIUM

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

CVE References

Description	Tags	Link
[SECURITY] [DLA 1715-1] linux-4.9 security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20190315 [SECURITY] [DLA 1715-1] linux-4.9 security update
[security-announce] openSUSE-SU-2018:3202-1: important: Security update	lists.opensuse.org text/html	SUSE openSUSE-SU-2018:3202

USN-3932-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-3932-2
USN-3932-1: Linux kernel vulnerabilities | Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-3932-1
USN-4118-1: Linux kernel (AWS) vulnerabilities | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4118-1
200171 – Divide zero in utilization when mount() a corrupted f2fs image	Issue Tracking bugzilla.kernel.org text/html	MISC bugzilla.kernel.org/show_bug.cgi?id=200171
kernel/git/torvalds/linux.git - Linux kernel source tree	git.kernel.org text/html	MISC git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/commit/?id=9dc956b2c8523aed39d1e6508438be9fea28c8fc
USN-4094-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4094-1
Slackware Security Advisory - Slackware 14.2 kernel Updates ≈ Packet Storm	packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/151420/Slackware-Security-Advisory-Slackware-14.2-kernel-Updates.html
Bugtraq: [slackware-security] Slackware 14.2 kernel (SSA:2019-030-01)	seclists.org text/html	BUGTRAQ 20190130 [slackware-security] Slackware 14.2 kernel (SSA:2019-030-01)

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

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

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→