

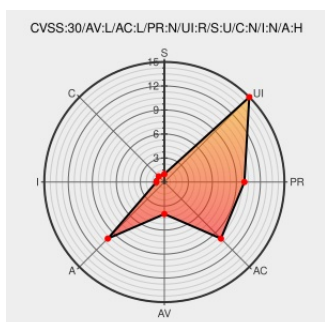


CVE-2018-13097

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CVE-2018-13097

[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 [M](#) 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)

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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

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