



CVE-2019-19814

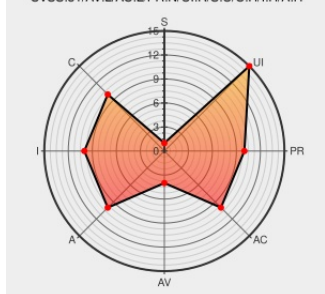
Published on: 12/17/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:53 PM UTC

CVE-2019-19814

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H



Certain versions of [Linux Kernel](#) from [Linux](#) contain the following vulnerability:

In the Linux kernel 5.0.21, mounting a crafted f2fs filesystem image can cause `__remove_dirty_segment` slab-out-of-bounds write access because an array is bounded by the number of dirty types (8) but the array index can exceed this.

CVE-2019-19814 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **9.3 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
CVE/CVE-2019-19814 at master · bobfuzzer/CVE · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/bobfuzzer/CVE/tree/master/CVE-2019-19814

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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	5.0.21	All	All	All
Operating System	Linux	Linux Kernel	5.0.21	All	All	All
cpe:2.3:o:linux:linux_kernel:5.0.21:****:*:*:						
cpe:2.3:o:linux:linux_kernel:5.0.21:****:*:*:						

No vendor comments have been submitted for this CVE

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