

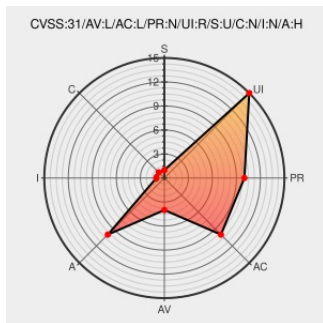


CVE-2019-19815

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CVE-2019-19815

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

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 a NULL pointer dereference in f2fs_recover_fsync_data in fs/f2fs/recovery.c. This is related to F2FS_P_SB in fs/f2fs/f2fs.h.

CVE-2019-19815 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: **7.1 - HIGH**

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

CVE References

Description	Tags	Link
f2fs: support swap file w/ DIO · torvalds/linux@4969c06 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/torvalds/linux/commit/4969c06a0d83c9c3dc50b8efcdc8eedf6#diff-41a7fa4590d2af87e82101f2b4dad56

December 2019 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security

security.netapp.com

text/html

CONFIRM

security.netapp.com/advisory/ntap-20200103-0001/

CVE/CVE-2019-19815 at master · bobfuzzer/CVE · GitHub

Exploit

Third Party Advisory

github.com

text/html

MISC

github.com/bobfuzzer/CVE/tree/master/CVE-2019-19815

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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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