

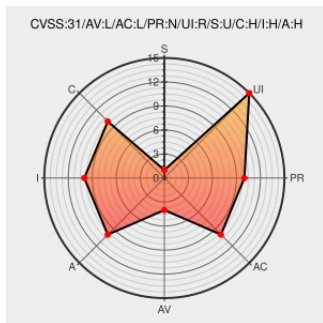


CVE-2019-19378

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CVE-2019-19378

[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 btrfs filesystem image can lead to slab-out-of-bounds write access in index_rbio_pages in fs/btrfs/raid56.c.

CVE-2019-19378 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: **6.8 - MEDIUM**

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

CVE References

Description	Tags	Link
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-2019-19378 at master · bobfuzzer/CVE · GitHub	Exploit	MISC

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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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