



CVE-2019-20422

Published on: 01/26/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:50 PM UTC

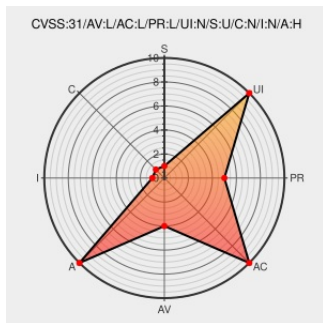
CVE-2019-20422

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



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

In the Linux kernel before 5.3.4, fib6_rule_lookup in net/ipv6/ip6_fib.c mishandles the RT6_LOOKUP_F_DST_NOREF flag in a reference-count decision, leading to (for example) a crash that was identified by syzkaller, aka CID-7b09c2d052db.

CVE-2019-20422 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	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **2.1 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
	Mailing List Vendor Advisory cdn.kernel.org text/plain	MISC cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.3.4

ip6: fix a typo in
fib6_rule_lookup() ·
torvalds/linux@7b09c2d · GitHub

Patch

Third Party Advisory

github.com

text/html

MISC

github.com/torvalds/linux/commit/7b09c2d052db4b4ad0b27b97918b46a7746966fa

February 2020 Linux Kernel
Vulnerabilities in NetApp
Products | NetApp Product
Security

security.netapp.com

text/html

CONFIRM

security.netapp.com/advisory/ntap-20200313-0003/

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

No vendor comments have been submitted for this CVE