

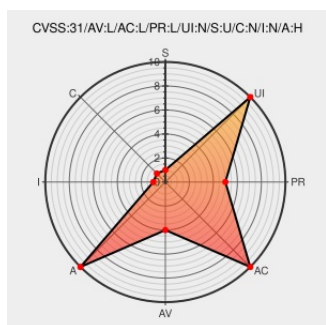


CVE-2023-3022

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CVE-2023-3022

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

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

A flaw was found in the IPv6 module of the Linux kernel. The arg.result was not used consistently in fib6_rule_lookup, sometimes holding rt6_info and other times fib6_info. This was not accounted for in other parts of the code where rt6_info was expected unconditionally, potentially leading to a kernel panic in fib6_rule_suppress.

CVE-2023-3022 has been assigned by [secalert@redhat.com](#) 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

CVE References

Description	Tags	Link
ipv6: Use result arg in fib_lookup_arg consistently · torvalds/linux@a65120b · GitHub	github.com text/html	MISC github.com/torvalds/linux/commit/a65120bae4b7
2211440 – (CVE-2023-3022) CVE-2023-3022 kernel: panic in fib6_rule_suppress+0x22 for IPv6 when fib6_rule_lookup fails	bugzilla.redhat.com text/html	MISC bugzilla.redhat.com/show_bug.cgi?id=2211440

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Related QID Numbers

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

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2023-3022 : A flaw was found in the IPv6 module of the #Linux #kernel. The arg.result was not used consistently... twitter.com/i/web/status/1...	2023-06-19 18:04:09

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