



# net: ipv6: flowlabel: defer exclusive option free until RCU teardown

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2026-31680
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-25 09:16:01 UTC
<b>Updated</b>	2026-04-25 09:16:01 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: net: ipv6: flowlabel: defer exclusive option free until RCU t

## Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected d3aedd5ebd4b0b925b0bcda548066803e1318499 4b6798024f7b2d535f3db1002c760143cddb1bd3 g
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected d3aedd5ebd4b0b925b0bcda548066803e1318499 3c54b66c83fb8fcbde8e6a7bf90b65856e39f827 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected d3aedd5ebd4b0b925b0bcda548066803e1318499 5a6b15f861b7c1304949e3350d23490a5fe429fd gi
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected d3aedd5ebd4b0b925b0bcda548066803e1318499 6c7fbd8ffde6413640de7cfbd7c976c353e89f8 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected d3aedd5ebd4b0b925b0bcda548066803e1318499 8027964931785cb73d520ac70a342a3dc16c249b
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected d3aedd5ebd4b0b925b0bcda548066803e1318499 414726b69921fe6355ae453f5b35e68dd078342a g
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected d3aedd5ebd4b0b925b0bcda548066803e1318499 572ce62778519a7d4d1c15f55dd2e45a474133c4 g
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected d3aedd5ebd4b0b925b0bcda548066803e1318499 9ca562bb8e66978b53028fa32b1a190708e6a091 g
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 3.9
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 3.9 semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 5.10.253 5.10.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 5.15.203 5.15.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.1.168 6.1.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.6.134 6.6.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.12.81 6.12.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.18.22 6.18.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.19.12 6.19.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 7.0 * original_commit_for_fix

## References

Reference	Source	Link	Tags
<a href="https://git.kernel.org/stable/c/5a6b15f861b7c1304949e3350d23490a5fe429fd">git.kernel.org/stable/c/5a6b15f861b7c1304949e3350d23490a5fe429fd</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/6c7fbdb8ffde6413640de7cfd7c976c353e89f8">git.kernel.org/stable/c/6c7fbdb8ffde6413640de7cfd7c976c353e89f8</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/4b6798024f7b2d535f3db1002c760143cddb1bd3">git.kernel.org/stable/c/4b6798024f7b2d535f3db1002c760143cddb1bd3</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/3c54b66c83fb8fcbde8e6a7bf90b65856e39f827">git.kernel.org/stable/c/3c54b66c83fb8fcbde8e6a7bf90b65856e39f827</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/414726b69921fe6355ae453f5b35e68dd078342a">git.kernel.org/stable/c/414726b69921fe6355ae453f5b35e68dd078342a</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/8027964931785cb73d520ac70a342a3dc16c249b">git.kernel.org/stable/c/8027964931785cb73d520ac70a342a3dc16c249b</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/9ca562bb8e66978b53028fa32b1a190708e6a091">git.kernel.org/stable/c/9ca562bb8e66978b53028fa32b1a190708e6a091</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/572ce62778519a7d4d1c15f55dd2e45a474133c4">git.kernel.org/stable/c/572ce62778519a7d4d1c15f55dd2e45a474133c4</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonic
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonic

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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