



# crypto: af\_alg - limit RX SG extraction by receive buffer budget

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## Summary

<b>CVE</b>	CVE-2026-31677
<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: crypto: af\_alg - limit RX SG extraction by receive buffer bu

## Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected e870456d8e7c8d57c059ea479b5aadbb55ff4c3a 9bf3e6ccdcfe56ae3190d1ae987dac1cfef4f9 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected e870456d8e7c8d57c059ea479b5aadbb55ff4c3a 07c6f6ffe29009426f0bd4d3cfbb6308b8ea8453 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected e870456d8e7c8d57c059ea479b5aadbb55ff4c3a 4a264b2614c73c96666e196bbabe0cead52bdba7 g
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected e870456d8e7c8d57c059ea479b5aadbb55ff4c3a 8eceab19eba9dcbfd2a0daec72e1bf48aa100170 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 4.14
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 4.14 semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.12.83 6.12.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.18.24 6.18.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.19.14 6.19.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 7.0 * original_commit_for_fix

## References

Reference	Source	Link	Tags
git.kernel.org/stable/c/9bf3e6ccdcfe56ae3190d1ae987dac1cfef4f9	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="#">git.kernel.org</a>	
git.kernel.org/stable/c/07c6f6ffe29009426f0bd4d3cfbb6308b8ea8453	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="#">git.kernel.org</a>	
git.kernel.org/stable/c/8eceab19eba9dcbfd2a0daec72e1bf48aa100170	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="#">git.kernel.org</a>	
git.kernel.org/stable/c/4a264b2614c73c96666e196bbabe0cead52bdba7	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="#">git.kernel.org</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonic
NVD vulnerability detail	NVD	<a href="#">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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