



# futex: Fix UaF between futex\_key\_to\_node\_opt() and vma\_replace\_policy()

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

## Summary

<b>CVE</b>	CVE-2026-23415
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-02 12:16:20 UTC
<b>Updated</b>	2026-04-02 12:16:20 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: futex: Fix UaF between futex\_key\_to\_node\_opt() and vma

## Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected c042c505210dc3453f378df432c10fff3d471bc5 853f70c67d1b37e368fdb3e328c4b8c04f53ac0 git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected c042c505210dc3453f378df432c10fff3d471bc5 7e196194ea27bd49adf3551e2aceb83498eb73fe git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected c042c505210dc3453f378df432c10fff3d471bc5 190a8c48ff623c3d67cb295b4536a660db2012aa git
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	affected 6.16
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.16 semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.18.21 6.18.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 6.19.11 6.19.* semver
CNA	<a href="#">Linux</a>	<a href="#">Linux</a>	unaffected 7.0-rc6 * original_commit_for_fix

## References

Reference	Source	Link	Tags
<a href="https://git.kernel.org/stable/c/853f70c67d1b37e368fdb3e328c4b8c04f53ac0">git.kernel.org/stable/c/853f70c67d1b37e368fdb3e328c4b8c04f53ac0</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/190a8c48ff623c3d67cb295b4536a660db2012aa">git.kernel.org/stable/c/190a8c48ff623c3d67cb295b4536a660db2012aa</a>	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
<a href="https://git.kernel.org/stable/c/7e196194ea27bd49adf3551e2aceb83498eb73fe">git.kernel.org/stable/c/7e196194ea27bd49adf3551e2aceb83498eb73fe</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>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical

No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status [status.cve.report](#)**