



xfrm: iptfs: validate inner IPv4 header length in IPTFS payload

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

Summary

CVE	CVE-2026-31472
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-22 14:16:43 UTC
Updated	2026-04-22 14:16:43 UTC

Description In the Linux kernel, the following vulnerability has been resolved: xfrm: iptfs: validate inner IPv4 header length in IPTFS pay

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 6c82d2433671819a550227bf65bfb6043e3d3305 de6d8e8ce5187f7402c9859b443355e7120c5f09 git
CNA	Linux	Linux	affected 6c82d2433671819a550227bf65bfb6043e3d3305 3db7d4f777a00164582061ccaa99569cd85011a3 gi
CNA	Linux	Linux	affected 6c82d2433671819a550227bf65bfb6043e3d3305 0d10393d5eac33cbd92f7a41fddca12c41d3cb7e git
CNA	Linux	Linux	affected 6.14
CNA	Linux	Linux	unaffected 6.14 semver
CNA	Linux	Linux	unaffected 6.18.21 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.11 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/3db7d4f777a00164582061ccaa99569cd85011a3	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/de6d8e8ce5187f7402c9859b443355e7120c5f09	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/0d10393d5eac33cbd92f7a41fddca12c41d3cb7e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	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](#).

Free CVE JSON API [cve.report/api](#)

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