



# net/ipv6: ioam6: prevent schema length wraparound in trace fill

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## Summary

**CVE** CVE-2026-43341

**State** PUBLISHED

**Assigner** Linux

**Source Priority** CVE Program / NVD first with legacy fallback

**Published** 2026-05-08 14:16:44 UTC

**Updated** 2026-05-11 08:16:10 UTC

**Description** In the Linux kernel, the following vulnerability has been resolved: net/ipv6: ioam6: prevent schema length wraparound in tra

## Risk And Classification

**Primary CVSS:** v3.1 9.8 CRITICAL from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

**CVSS:** 3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

**EPSS:** 0.000240000 probability, percentile 0.070400000 (date 2026-05-10)

Version	Source	Type	Score	Severity	Vector
3.1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 8c6f6fa6772696be0c047a711858084b38763728 e96d48b37708d53cbdc47f6f60b0714fc4a5f596 git
CNA	Linux	Linux	affected 8c6f6fa6772696be0c047a711858084b38763728 d1b041080086e91d3733a5438a8c51ad5d3d8e09 g
CNA	Linux	Linux	affected 8c6f6fa6772696be0c047a711858084b38763728 77695a69baca9b99d95fad09fc78c2318736604f git
CNA	Linux	Linux	affected 8c6f6fa6772696be0c047a711858084b38763728 184d2e9db27c0f76226b5cad16fe29510a5d2280 git
CNA	Linux	Linux	affected 8c6f6fa6772696be0c047a711858084b38763728 d6e1c9b02d85a4f1f4ba6d68e916d9b610a3ed7d git
CNA	Linux	Linux	affected 8c6f6fa6772696be0c047a711858084b38763728 5e67ba9bb531e1ec6599a82a065dea9040b9ce50 g
CNA	Linux	Linux	affected 5.15
CNA	Linux	Linux	unaffected 5.15 semver
CNA	Linux	Linux	unaffected 6.1.168 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.134 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.81 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.22 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.12 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/e96d48b37708d53cbdc47f6f60b0714fc4a5f596	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/77695a69baca9b99d95fad09fc78c2318736604f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/d1b041080086e91d3733a5438a8c51ad5d3d8e09	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/d6e1c9b02d85a4f1f4ba6d68e916d9b610a3ed7d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/5e67ba9bb531e1ec6599a82a065dea9040b9ce50	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/184d2e9db27c0f76226b5cad16fe29510a5d2280	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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