



# ipv6: prevent possible UaF in addrconf\_permanent\_addr()

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

## Summary

<b>CVE</b>	CVE-2026-43339
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-08 14:16:43 UTC
<b>Updated</b>	2026-05-11 08:16:10 UTC
<b>Description</b>	In the Linux kernel, the following vulnerability has been resolved: ipv6: prevent possible UaF in addrconf_permanent_addr()

## Risk And Classification

**Primary CVSS:** v3.1 7.8 HIGH from 416baaa9-dc9f-4396-8d5f-8c081fb06d67

**CVSS:** 3.1/AV:L/AC:L/PR:L/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	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected f1705ec197e705b79ea40fe7a2cc5acfa1d3bfac eec49a33611f20336b357b3953df44f1a02049e8 git
CNA	Linux	Linux	affected f1705ec197e705b79ea40fe7a2cc5acfa1d3bfac bacc7f31085c9820922f00bc7d79756ffa13123a git
CNA	Linux	Linux	affected f1705ec197e705b79ea40fe7a2cc5acfa1d3bfac 7bfafa1b0cd582983ebec6bb20f0a435528fe567 git
CNA	Linux	Linux	affected f1705ec197e705b79ea40fe7a2cc5acfa1d3bfac 7d9f2f4aabd116ca68fdbab5d8fb8dac74c2ea1e git
CNA	Linux	Linux	affected f1705ec197e705b79ea40fe7a2cc5acfa1d3bfac 25357b670afb5b517096da783abaa5cc4bf8359e git
CNA	Linux	Linux	affected f1705ec197e705b79ea40fe7a2cc5acfa1d3bfac 3cd4efb5df72843dfac892d0b3c7a4a8bd926b65 git
CNA	Linux	Linux	affected f1705ec197e705b79ea40fe7a2cc5acfa1d3bfac 2d88ed7fa000e19c2dc0fa31b3a849e3f5bca5c1 git
CNA	Linux	Linux	affected f1705ec197e705b79ea40fe7a2cc5acfa1d3bfac fd63f185979b047fb22a0dfc6bd94d0cab6a6a70 git
CNA	Linux	Linux	affected 4.6
CNA	Linux	Linux	unaffected 4.6 semver
CNA	Linux	Linux	unaffected 5.10.253 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.203 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/eec49a33611f20336b357b3953df44f1a02049e8	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/7d9f2f4aabd116ca68fdbab5d8fb8dac74c2ea1e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/fd63f185979b047fb22a0dfc6bd94d0cab6a6a70	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/bacc7f31085c9820922f00bc7d79756ffa13123a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/25357b670afb5b517096da783abaa5cc4bf8359e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/2d88ed7fa000e19c2dc0fa31b3a849e3f5bca5c1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/7bfafa1b0cd582983ebec6bb20f0a435528fe567	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	
git.kernel.org/stable/c/3cd4efb5df72843dfac892d0b3c7a4a8bd926b65	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	

CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonica
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonica

No vendor comments have been submitted for this CVE.

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

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