bpf: Fix a UAF issue in bpf_trampoline_link_cgroup_shim

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2026-23319
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-25 11:16:28 UTC
Updated	2026-04-23 21:05:38 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: bpf: Fix a UAF issue in bpf_trampoline_link_cgroup_shim

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

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

Problem Types: CWE-416

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 69fd337a975c7e690dfe49d9cb4fe5ba1e6db44e 529e685e522b9d7fb379dbe6929dcdf520e34c8c git
CNA	Linux	Linux	affected 69fd337a975c7e690dfe49d9cb4fe5ba1e6db44e 9b02c5c4147f8af8ed783c8deb5df927a55c3951 git
CNA	Linux	Linux	affected 69fd337a975c7e690dfe49d9cb4fe5ba1e6db44e cfcfa0ca0212162aa472551266038e8fd6768cff git
CNA	Linux	Linux	affected 69fd337a975c7e690dfe49d9cb4fe5ba1e6db44e 3eeddb80191f7626ec1ef742bfff51ec3b0fa5c2 git
CNA	Linux	Linux	affected 69fd337a975c7e690dfe49d9cb4fe5ba1e6db44e 4e8a0005d633a4adc98e3b65d5080f93b90d356b git
CNA	Linux	Linux	affected 69fd337a975c7e690dfe49d9cb4fe5ba1e6db44e 56145d237385ca0e7ca9ff7b226aaf2eb8ef368b git
CNA	Linux	Linux	affected 6.0
CNA	Linux	Linux	unaffected 6.0 semver
CNA	Linux	Linux	unaffected 6.1.167 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.130 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.77 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.17 6.18.* semver
CNA	Linux	Linux	unaffected 6.19.7 6.19.* semver
CNA	Linux	Linux	unaffected 7.0 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/56145d237385ca0e7ca9ff7b226aaf2eb8ef368b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/cfcfa0ca0212162aa472551266038e8fd6768cff	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/3eeddb80191f7626ec1ef742bfff51ec3b0fa5c2	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/529e685e522b9d7fb379dbe6929dcdf520e34c8c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/4e8a0005d633a4adc98e3b65d5080f93b90d356b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/9b02c5c4147f8af8ed783c8deb5df927a55c3951	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

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