



KVM: Don't clobber irqfd routing type when deassigning irqfd

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

Summary

CVE CVE-2026-23198

State PUBLISHED

Assigner Linux

Source Priority CVE Program / NVD first with legacy fallback

Published 2026-02-14 17:15:57 UTC

Updated 2026-04-03 14:16:27 UTC

Description In the Linux kernel, the following vulnerability has been resolved: KVM: Don't clobber irqfd routing type when deassigning irqfd

Risk And Classification

Primary CVSS: v3.1 5.5 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-476

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
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

None

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/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 f70c20aaf141adb715a2d750c55154073b02a9c3 959a063e7f12524bc1871ad1f519787967bbcd45 git
CNA	Linux	Linux	affected f70c20aaf141adb715a2d750c55154073b02a9c3 2284bc168b148a17b5ca3b37b3d95c411f18a08d git
CNA	Linux	Linux	affected f70c20aaf141adb715a2d750c55154073b02a9c3 6d14ba1e144e796b5fc81044f08cfba9024ca195 git
CNA	Linux	Linux	affected f70c20aaf141adb715a2d750c55154073b02a9c3 b61f9b2fcf181451d0a319889478cc53c001123e git
CNA	Linux	Linux	affected f70c20aaf141adb715a2d750c55154073b02a9c3 ff48c9312d042bfbe826ca675e98acc6c623211c git
CNA	Linux	Linux	affected f70c20aaf141adb715a2d750c55154073b02a9c3 4385b2f2843549bfb932e0dcf76bf4b065543a3c git
CNA	Linux	Linux	affected f70c20aaf141adb715a2d750c55154073b02a9c3 b4d37cdb77a0015f51fee083598fa227cc07aaf1 git
CNA	Linux	Linux	affected 4.4
CNA	Linux	Linux	unaffected 4.4 semver
CNA	Linux	Linux	unaffected 5.10.250 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.200 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.163 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.124 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.70 6.12.* semver
CNA	Linux	Linux	unaffected 6.18.10 6.18.* semver
CNA	Linux	Linux	unaffected 6.19 * original_commit_for_fix

References

Reference	Source	Link	Tags
git.kernel.org/stable/c/2284bc168b148a17b5ca3b37b3d95c411f18a08d	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/4385b2f2843549bfb932e0dcf76bf4b065543a3c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/959a063e7f12524bc1871ad1f519787967bbcd45	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/6d14ba1e144e796b5fc81044f08cfba9024ca195	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/b4d37cdb77a0015f51fee083598fa227cc07aaf1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch

git.kernel.org/stable/c/ff48c9312d042bfbe826ca675e98acc6c623211c	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
git.kernel.org/stable/c/b61f9b2fcf181451d0a319889478cc53c001123e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	Patch
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](https://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](https://mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://mitre.org/cve). This site includes MITRE data granted under the following [license](https://mitre.org/licenses).

CVE.report and Source URL Uptime Status status.cve.report