



# PM: EM: Fix NULL pointer dereference when perf domain ID is not found

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## Summary

<b>CVE</b>	CVE-2026-31744
<b>State</b>	PUBLISHED
<b>Assigner</b>	Linux
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-01 15:16:37 UTC
<b>Updated</b>	2026-05-07 19:33:39 UTC
<b>Description</b>	In the Linux kernel, the following vulnerability has been resolved: PM: EM: Fix NULL pointer dereference when perf domain

## 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

**EPSS:** 0.000240000 probability, percentile 0.068410000 (date 2026-05-07)

**Problem Types:** CWE-476

## 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
Operating System	Linux	Linux Kernel	6.19	rc6	All	All
Operating System	Linux	Linux Kernel	6.19	rc7	All	All
Operating System	Linux	Linux Kernel	6.19	rc8	All	All
Operating System	Linux	Linux Kernel	7.0	rc1	All	All
Operating System	Linux	Linux Kernel	7.0	rc2	All	All
Operating System	Linux	Linux Kernel	7.0	rc3	All	All
Operating System	Linux	Linux Kernel	7.0	rc4	All	All
Operating System	Linux	Linux Kernel	7.0	rc5	All	All
Operating System	Linux	Linux Kernel	7.0	rc6	All	All
Operating System	Linux	Linux Kernel	7.0	rc7	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected 380ff27af25e49e2cb2ff8fd0ecd7c95be2976ee ab09b9a1e3b02ff62c5aeb3b12b0cb4cb4ea8ab git
CNA	Linux	Linux	affected 380ff27af25e49e2cb2ff8fd0ecd7c95be2976ee 9badc2a84e688be1275bb740942d5f6f51746908 git
CNA	Linux	Linux	affected 6.19
CNA	Linux	Linux	unaffected 6.19 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/ab09b9a1e3b02ff62c5aeb3b12b0cb4cb4ea8ab	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
git.kernel.org/stable/c/9badc2a84e688be1275bb740942d5f6f51746908	416baaa9-dc9f-4396-8d5f-8c081fb06d67	<a href="https://git.kernel.org">git.kernel.org</a>	Patch
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical



No vendor comments have been submitted for this CVE.

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

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