



mm: Fix a hmm_range_fault() livelock / starvation problem

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

Summary

| | |
|------------------------|--|
| CVE | CVE-2026-43404 |
| State | PUBLISHED |
| Assigner | Linux |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2026-05-08 15:16:51 UTC |
| Updated | 2026-05-08 15:16:51 UTC |

Description In the Linux kernel, the following vulnerability has been resolved: mm: Fix a hmm_range_fault() livelock / starvation problem

Risk And Classification

EPSS: 0.000170000 probability, percentile 0.041270000 (date 2026-05-09)

Vendor Declared Affected Products

| Source | Vendor | Product | Version |
|--------|-----------------------|-----------------------|---|
| CNA | Linux | Linux | affected 1afaeb8293c9adbf4f9140bdd22635fed763459 94b6d0ba4b640ba23bb6c708a59316e74e5ede63 git |
| CNA | Linux | Linux | affected 1afaeb8293c9adbf4f9140bdd22635fed763459 7e6e2fc91d4b9b12ec6e137019532568ebcf2680 git |
| CNA | Linux | Linux | affected 1afaeb8293c9adbf4f9140bdd22635fed763459 b570f37a2ce480be26c665345c5514686a8a0274 git |
| CNA | Linux | Linux | affected 6.15 |
| CNA | Linux | Linux | unaffected 6.15 semver |
| CNA | Linux | Linux | unaffected 6.18.19 6.18.* semver |
| CNA | Linux | Linux | unaffected 6.19.9 6.19.* semver |
| CNA | Linux | Linux | unaffected 7.0 * original_commit_for_fix |

References

| Reference | Source | Link | Tags |
|---|--------------------------------------|---|---------|
| git.kernel.org/stable/c/7e6e2fc91d4b9b12ec6e137019532568ebcf2680 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | |
| git.kernel.org/stable/c/b570f37a2ce480be26c665345c5514686a8a0274 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | |
| git.kernel.org/stable/c/94b6d0ba4b640ba23bb6c708a59316e74e5ede63 | 416baaa9-dc9f-4396-8d5f-8c081fb06d67 | git.kernel.org | |
| CVE Program record | CVE.ORG | www.cve.org | canonic |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonic |

