



net/sched: ets: use old 'nbands' while purging unused classes

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

Summary

CVE	CVE-2025-38684
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-04 16:15:36 UTC
Updated	2026-05-12 13:16:54 UTC

Description In the Linux kernel, the following vulnerability has been resolved: net/sched: ets: use old 'nbands' while purging unused clas

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

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 dcc68b4d8084e1ac9af0d4022d6b1aff6a139a33 bdfddcde86e8b9245d9c0c2efe2b6fe8dcf6
CNA	Linux	Linux	affected dcc68b4d8084e1ac9af0d4022d6b1aff6a139a33 be9692dafdfb36d9c43afd9d4e1d9d9ba8e7b51b
CNA	Linux	Linux	affected dcc68b4d8084e1ac9af0d4022d6b1aff6a139a33 97ec167cd2e8a81a2d87331a2ed92daf007542c8
CNA	Linux	Linux	affected dcc68b4d8084e1ac9af0d4022d6b1aff6a139a33 84a24fb446ee07b22b64aae6f0e3f4a382f6
CNA	Linux	Linux	affected dcc68b4d8084e1ac9af0d4022d6b1aff6a139a33 5b3b346bc4c2aa2c428735438a11989d251f32f1
CNA	Linux	Linux	affected dcc68b4d8084e1ac9af0d4022d6b1aff6a139a33 d69f4a258cd91b3bcef7089eb0401005aae9
CNA	Linux	Linux	affected dcc68b4d8084e1ac9af0d4022d6b1aff6a139a33 970c1c731c4ede46d05f5b0355724d1e40
CNA	Linux	Linux	affected dcc68b4d8084e1ac9af0d4022d6b1aff6a139a33 87c6efc5ce9c126ae4a781bc04504b8378
CNA	Linux	Linux	affected 3b290923ad2b23596208c1e29520badef4356a43 git
CNA	Linux	Linux	affected 5.6
CNA	Linux	Linux	unaffected 5.6 semver
CNA	Linux	Linux	unaffected 5.10.241 5.10.* semver
CNA	Linux	Linux	unaffected 5.15.190 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.149 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.103 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.43 6.12.* semver
CNA	Linux	Linux	unaffected 6.15.11 6.15.* semver
CNA	Linux	Linux	unaffected 6.16.2 6.16.* semver
CNA	Linux	Linux	unaffected 6.17 * original_commit_for_fix
ADP	Siemens	SIMATIC CN 4100	affected V5.0 custom

References

Reference	Source	Link
git.kernel.org/stable/c/87c6efc5ce9c126ae4a781bc04504b83780e3650	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/be9692dafdfb36d9c43afd9d4e1d9d9ba8e7b51b	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/10/msg00008.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
git.kernel.org/stable/c/5b3b346bc4c2aa2c428735438a11989d251f32f1	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/97ec167cd2e8a81a2d87331a2ed92daf007542c8	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/bdfddcde86e8b9245d9c0c2efe2b6fe8dcf6bf41	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org

git.kernel.org/stable/c/d69f4a258cd91b3bcef7089eb0401005aae2aed5	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
cert-portal.siemens.com/productcert/html/ssa-032379.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.siemens.co
git.kernel.org/stable/c/970c1c731c4ede46d05f5b0355724d1e400cfbca	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
git.kernel.org/stable/c/84a24fb446ee07b22b64aae6f0e3f4a38266310a	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org
lists.debian.org/debian-lts-announce/2025/10/msg00007.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

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://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.mitre.org/cve). This site includes MITRE data granted under the following [license](https://www.mitre.org/cve).

Free CVE JSON API cve.report/api

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