net-tools Stack-based Buffer Overflow vulnerability

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

Summary

CVE	CVE-2025-46836
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-05-14 23:15:48 UTC
Updated	2026-05-12 13:17:19 UTC
Description	net-tools is a collection of programs that form the base set of the NET-3 networking distribution for the Linux operating syste

Risk And Classification

Primary CVSS: v3.1 6.6 MEDIUM from security-advisories@github.com

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

EPSS: 0.001370000 probability, percentile 0.331810000 (date 2026-05-12)

Problem Types: CWE-20 | CWE-121 | CWE-20 CWE-20: Improper Input Validation | CWE-121 CWE-121: Stack-based Buffer Overflow

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	6.6	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:H
3.1	CNA	DECLARED	6.6	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

Low

ntegrity

Low

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Ecki	Net-tools	affected <= 2.10	Not specified
ADP	Siemens	RUGGEDCOM ROX MX5000	affected V2.17.1 custom	Not specified
ADP	Siemens	RUGGEDCOM ROX MX5000RE	affected V2.17.1 custom	Not specified
ADP	Siemens	RUGGEDCOM ROX RX1400	affected V2.17.1 custom	Not specified
ADP	Siemens	RUGGEDCOM ROX RX1500	affected V2.17.1 custom	Not specified
ADP	Siemens	RUGGEDCOM ROX RX1501	affected V2.17.1 custom	Not specified
ADP	Siemens	RUGGEDCOM ROX RX1510	affected V2.17.1 custom	Not specified
ADP	Siemens	RUGGEDCOM ROX RX1511	affected V2.17.1 custom	Not specified
ADP	Siemens	RUGGEDCOM ROX RX1512	affected V2.17.1 custom	Not specified
ADP	Siemens	RUGGEDCOM ROX RX1524	affected V2.17.1 custom	Not specified
ADP	Siemens	RUGGEDCOM ROX RX1536	affected V2.17.1 custom	Not specified
ADP	Siemens	RUGGEDCOM ROX RX5000	affected V2.17.1 custom	Not specified
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom	Not specified
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom	Not specified
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.5 * custom	Not specified
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.5 * custom	Not specified
ADP	Siemens	SIPLUS S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom	Not specified

References

Reference	Source	Link
github.com/ecki/net-tools/commit/7a8f42fb20013a1493d8cae1c43436f85e656f2d	security-advisories@github.com	github.com
lists.debian.org/debian-lts-announce/2025/05/msg00053.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.c
cert-portal.siemens.com/productcert/html/ssa-082556.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.si
cert-portal.siemens.com/productcert/html/ssa-577017.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-portal.si
github.com/ecki/net-tools/security/advisories/GHSA-pfwf-h6m3-63wf	security-advisories@github.com	github.com
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.

Free CVE JSON API cve.report/api

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