



Cleartext Storage of Administrative and Wi-Fi Credentials via Accessible Serial Interface in TP Link's TL-WR850N

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

Summary

CVE	CVE-2026-4346
State	PUBLISHED
Assigner	TPLink
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-26 22:16:31 UTC
Updated	2026-03-31 19:09:22 UTC
Description	The vulnerability affecting TL-WR850N v3 allows cleartext storage of administrative and Wi-Fi credentials in a region of the

Risk And Classification

Primary CVSS: v4.0 5.1 MEDIUM from f23511db-6c3e-4e32-a477-6aa17d310630

CVSS:4.0/AV:P/AC:L/AT:N/PR:H/UI:N/VC:H/VI:N/VA:N/SC:L/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

EPSS: 0.000130000 probability, percentile 0.019570000 (date 2026-04-02)

Problem Types: CWE-312 | CWE-312 CWE-312 Cleartext storage of sensitive information

Version	Source	Type	Score	Severity	Vector
4.0	f23511db-6c3e-4e32-a477-6aa17d310630	Secondary	5.1	MEDIUM	CVSS:4.0/AV:P/AC:L/AT:N/PR:H/UI:N/VC:H/VI:N/VA
4.0	CNA	CVSS	5.1	MEDIUM	CVSS:4.0/AV:P/AC:L/AT:N/PR:H/UI:N/VC:H/VI:N/VA
3.1	nvd@nist.gov	Primary	6.8	MEDIUM	CVSS:3.1/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v4.0 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Attack Requirements

None

Privileges Required

High

User Interaction

None

Confidentiality

High

Integrity

None

Availability

None

Sub Conf.

Low

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:P/AC:L/AT:N/PR:H/UI:N/VC:H/VI:N/VA:N/SC:L/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	TP-link	TL-wr850n	3	All	All	All
Operating System	TP-link	TL-wr850n Firmware	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	TP-Link Systems Inc.	TL-WR850N V3	affected V3_0.9.1 Build251205 custom	Not specified

References

Reference	Source	Link	Tags
www.tp-link.com/in/support/download/tl-wr850n	f23511db-6c3e-4e32-a477-6aa17d310630	www.tp-link.com	Product
www.tp-link.com/us/support/faq/5034	f23511db-6c3e-4e32-a477-6aa17d310630	www.tp-link.com	Vendor Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: Anirudh Tarikere Shankarappa (en)

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

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