



# Authenticated Command Injection on TP-Link TL-WR802N, TL-WR841N and TL-WR840N

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

## Summary

<b>CVE</b>	CVE-2026-3227
<b>State</b>	PUBLISHED
<b>Assigner</b>	TPLink
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-03-16 14:19:47 UTC
<b>Updated</b>	2026-04-07 01:07:52 UTC
<b>Description</b>	A command injection vulnerability was identified in TP-Link TL-WR802N v4, TL-WR841N v14, and TL-WR840N v6 due to ir

## Risk And Classification

**Primary CVSS:** v4.0 8.5 HIGH from f23511db-6c3e-4e32-a477-6aa17d310630

CVSS:4.0/AV:A/AC:L/AT:N/PR:H/UI:N/VC:H/VI:H/VA:H/SC:N/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:** 0.005150000 probability, percentile 0.665710000 (date 2026-04-07)

**Problem Types:** CWE-78 | CWE-78 CWE-78 Improper Neutralization of Special Elements used in an OS Command ('OS Command Injection')

Version	Source	Type	Score	Severity	Vector
4.0	f23511db-6c3e-4e32-a477-6aa17d310630	Secondary	8.5	HIGH	CVSS:4.0/AV:A/AC:L/AT:N/PR:H/UI:N/VC:H/VI:H/VA
4.0	CNA	CVSS	8.5	HIGH	CVSS:4.0/AV:A/AC:L/AT:N/PR:H/UI:N/VC:H/VI:H/VA
3.1	nvd@nist.gov	Primary	6.8	MEDIUM	CVSS:3.1/AV:A/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H

## CVSS v4.0 Breakdown

Attack Vector

Adjacent

Attack Complexity

Low

Attack Requirements

None

Privileges Required

High

User Interaction

None

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:A/AC:L/AT:N/PR:H/UI:N/VC:H/VI:H/VA:H/SC:N/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

Adjacent

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:A/AC:L/PR:H/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	<a href="#">Tp-link</a>	TI-wr802n	v4	All	All	All
Operating System	<a href="#">Tp-link</a>	TI-wr802n Firmware	All	All	All	All
Hardware	<a href="#">Tp-link</a>	TI-wr840n	6	All	All	All

Operating System	<a href="#">Tp-link</a>	<a href="#">Tl-wr840n Firmware</a>	All	All	All	All
Hardware	<a href="#">Tp-link</a>	<a href="#">Tl-wr841n</a>	14	All	All	All
Operating System	<a href="#">Tp-link</a>	<a href="#">Tl-wr841n Firmware</a>	All	All	All	All

#### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">TP-Link Systems Inc.</a>	<a href="#">TL-WR802N V4</a>	affected V4_260304 custom	Linux
CNA	<a href="#">TP-Link Systems Inc.</a>	<a href="#">TL-WR841N V14</a>	affected V14_260303 custom	Linux
CNA	<a href="#">TP Link Systems Inc.</a>	<a href="#">TL-WR840N V6</a>	affected V6_260304 custom	Linux

#### References

Reference	Source	Link	Tags
<a href="http://www.tp-link.com/us/support/download/tl-wr841n/v14">www.tp-link.com/us/support/download/tl-wr841n/v14</a>	f23511db-6c3e-4e32-a477-6aa17d310630	<a href="http://www.tp-link.com">www.tp-link.com</a>	Product
<a href="http://www.tp-link.com/us/support/faq/5018">www.tp-link.com/us/support/faq/5018</a>	f23511db-6c3e-4e32-a477-6aa17d310630	<a href="http://www.tp-link.com">www.tp-link.com</a>	Vendor Advisory
<a href="http://www.tp-link.com/en/support/download/tl-wr840n/v6">www.tp-link.com/en/support/download/tl-wr840n/v6</a>	f23511db-6c3e-4e32-a477-6aa17d310630	<a href="http://www.tp-link.com">www.tp-link.com</a>	Product
<a href="http://www.tp-link.com/en/support/download/tl-wr802n/v4">www.tp-link.com/en/support/download/tl-wr802n/v4</a>	f23511db-6c3e-4e32-a477-6aa17d310630	<a href="http://www.tp-link.com">www.tp-link.com</a>	Product
<a href="http://www.tp-link.com/us/support/download/tl-wr802n/v4">www.tp-link.com/us/support/download/tl-wr802n/v4</a>	f23511db-6c3e-4e32-a477-6aa17d310630	<a href="http://www.tp-link.com">www.tp-link.com</a>	Product
<a href="http://www.tp-link.com/en/support/download/tl-wr841n/v14">www.tp-link.com/en/support/download/tl-wr841n/v14</a>	f23511db-6c3e-4e32-a477-6aa17d310630	<a href="http://www.tp-link.com">www.tp-link.com</a>	Product
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

#### Vendor Comments And Credit

##### Discovery Credit

**CNA:** [do4choo \(github.com/do4choo\)](https://github.com/do4choo) (en)

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

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