



# OS Command Injection Vulnerability in dnsmasq Module in TP-Link AX53

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

## Summary

<b>CVE</b>	CVE-2026-30818
<b>State</b>	PUBLISHED
<b>Assigner</b>	TPLink
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-08 19:25:20 UTC
<b>Updated</b>	2026-04-14 16:20:09 UTC
<b>Description</b>	An OS command injection vulnerability in the dnsmasq module of TP-Link Archer AX53 v1.0 allows an authenticated adjacent

## 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:L/SI:L/SA:L/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:** 0.001410000 probability, percentile 0.344090000 (date 2026-04-15)

**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:H/SC:L/SI:L/SA:L/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
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:H/SC:L/SI:L/SA:L/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
3.1	nvd@nist.gov	Primary	8	HIGH	CVSS:3.1/AV:A/AC:L/PR:L/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.

Low

Sub Integrity

Low

Sub Availability

Low

CVSS:4.0/AV:A/AC:L/AT:N/PR:H/UI:N/VC:H/VI:H/VA:H/SC:L/SI:L/SA:L/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MS:C:X/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

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:A/AC:L/PR:L/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>	Archer Ax53	1.0	All	All	All
Operating System	<a href="#">Tp-link</a>	Archer Ax53 Firmware	All	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">TP-Link Systems Inc.</a>	<a href="#">AX53 V1.0</a>	affected 1.7.1 Build 20260213 custom	Not specified

## References

Reference	Source	Link	Tags
<a href="https://talosintelligence.com/vulnerability_reports">talosintelligence.com/vulnerability_reports</a>	f23511db-6c3e-4e32-a477-6aa17d310630	<a href="https://talosintelligence.com">talosintelligence.com</a>	Third Party Advi
<a href="https://www.tp-link.com/my/support/download/archer-ax53/v1">www.tp-link.com/my/support/download/archer-ax53/v1</a>	f23511db-6c3e-4e32-a477-6aa17d310630	<a href="https://www.tp-link.com">www.tp-link.com</a>	Product
<a href="https://www.tp-link.com/en/support/download/archer-ax53/v1">www.tp-link.com/en/support/download/archer-ax53/v1</a>	f23511db-6c3e-4e32-a477-6aa17d310630	<a href="https://www.tp-link.com">www.tp-link.com</a>	Product
<a href="https://www.tp-link.com/us/support/faq/5055">www.tp-link.com/us/support/faq/5055</a>	f23511db-6c3e-4e32-a477-6aa17d310630	<a href="https://www.tp-link.com">www.tp-link.com</a>	Vendor Advisory
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analy

## Vendor Comments And Credit

### Discovery Credit

**CNA:** Lilith >\_> of Cisco Talos (en)

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

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