VDB-350409 · CVE-2026-3974 · GCVE-100-350409

TENDA W3 1.0.0.3(2204) HTTP /GOFORM/EXECOMMAND FORMEXECOMMAND CMDINPUT STACK-BASED OVERFLOW

CVSS Meta Temp Score	Current Exploit Price (≈)	CTI Interest Score
8.4	$0-$5k	0.11

Summary

A vulnerability has been found in Tenda W3 1.0.0.3(2204) and classified as critical. This issue affects the function `formexeCommand` of the file */goform/exeCommand* of the component *HTTP Handler*. Performing a manipulation of the argument *cmdinput* results in stack-based overflow. This vulnerability is cataloged as CVE-2026-3974. It is possible to initiate the attack remotely. Furthermore, there is an exploit available.

Details

A vulnerability, which was classified as critical, was found in Tenda W3 1.0.0.3(2204). This affects the function `formexeCommand` of the file */goform/exeCommand* of the component *HTTP Handler*. The manipulation of the argument `cmdinput` with an unknown input leads to a stack-based overflow vulnerability. CWE is classifying the issue as CWE-121. A stack-based buffer overflow condition is a condition where the buffer being overwritten is allocated on the stack (i.e., is a local variable or, rarely, a parameter to a function). This is going to have an impact on confidentiality, integrity, and availability.

The advisory is shared at github.com. This vulnerability is uniquely identified as CVE-2026-3974. The exploitability is told to be easy. It is possible to initiate the attack remotely. Technical details and a public exploit are known.

The exploit is shared for download at github.com. It is declared as proof-of-concept.

There is no information about possible countermeasures known. It may be suggested to replace the affected object with an alternative product.

The entries VDB-295578, VDB-296453, VDB-296523 and VDB-322139 are related to this item.

Product

Type

- Router Operating System

Vendor

- Tenda

Name

- W3

Version

- 1.0.0.3(2204)

License

- commercial

Website

- Vendor: https://www.tenda.com.cn/

CPE 2.3

- 🔒
- 🔒

CPE 2.2

- 🔒
- 🔒

CVSSv4

VulDB Vector: 🔒
VulDB Reliability: 🔍

CNA CVSS-B Score: 🔒
CNA CVSS-BT Score: 🔒
CNA Vector: 🔒

CVSSv3

VulDB Meta Base Score: 8.8
VulDB Meta Temp Score: 8.4

VulDB Base Score: 8.8
VulDB Temp Score: 8.0

VulDB Vector: 🔒
VulDB Reliability: 🔍

CNA Base Score: 8.8
CNA Vector: 🔒

CVSSv2

VulDB Base Score: 🔒
VulDB Temp Score: 🔒
VulDB Reliability: 🔍

Exploiting

Class: Stack-based overflow
CWE: CWE-121 / CWE-119
CAPEC: 🔒
ATT&CK: 🔒

Physical: No
Local: No
Remote: Yes

Availability: 🔒
Access: Public
Status: Proof-of-Concept
Download: 🔒

EPSS Score: 🔒
EPSS Percentile: 🔒

Price Prediction: 🔍
Current Price Estimation: 🔒

Threat Intelligence

Interest: 🔍
Active Actors: 🔍
Active APT Groups: 🔍

Countermeasures

Recommended: no mitigation known
Status: 🔍

0-Day Time: 🔒

Timeline

03/11/2026		Advisory disclosed
03/11/2026	+0 days	VulDB entry created
03/17/2026	+6 days	VulDB entry last update

Sources

Vendor: tenda.com.cn

Advisory: github.com
Status: Not defined

CVE: CVE-2026-3974 (🔒)
GCVE (CVE): GCVE-0-2026-3974
GCVE (VulDB): GCVE-100-350409
scip Labs: https://www.scip.ch/en/?labs.20161013
See also: 🔒

Entry

Created: 03/11/2026 03:07 PM
Updated: 03/17/2026 08:03 AM
Changes: 03/11/2026 03:07 PM (58), 03/17/2026 08:03 AM (32)
Complete: 🔍

Submitter: Svigo_o
Cache ID: 135:F75:179

Submit

Accepted

- Submit #769177: Tenda W3 V1.0.0.3(2204) Buffer Overflow (by Svigo_o)

Duplicate

- [redacted]

Discussion

No comments yet. Languages: en.

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