



# Tenda AC8 IPv6 check\_is\_ipv6 ip address for authentication

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

## Summary

<b>CVE</b>	CVE-2026-4252
<b>State</b>	PUBLISHED
<b>Assigner</b>	VulDB
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-03-16 17:16:32 UTC
<b>Updated</b>	2026-04-03 19:39:21 UTC
<b>Description</b>	A vulnerability was identified in Tenda AC8 16.03.50.11. Affected by this issue is the function check_is_ipv6 of the compone

## Risk And Classification

**Primary CVSS:** v4.0 8.9 HIGH from cna@vuldb.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P/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:** 0.002500000 probability, percentile 0.482290000 (date 2026-04-07)

**Problem Types:** CWE-287 | CWE-291 | CWE-291 Reliance on IP Address for Authentication | CWE-287 Improper Authentication

Version	Source	Type	Score	Severity	Vector
4.0	cna@vuldb.com	Secondary	8.9	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P/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	DECLARED	9.3	CRITICAL	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P/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	cna@vuldb.com	Primary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H/E:P/RL:W/RC:R
3.0	CNA	DECLARED	9.8	CRITICAL	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H/E:P/RL:W/RC:R
2.0	cna@vuldb.com	Secondary	10		AV:N/AC:L/Au:N/C:C/I:C/A:C
2.0	CNA	DECLARED	10		AV:N/AC:L/Au:N/C:C/I:C/A:C/E:POC/RL:W/RC:UR

## CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P/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

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

### CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H/E:P/RL:W/RC:R

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Tenda	Ac8	-	All	All	All
Operating System	Tenda	Ac8 Firmware	16.03.50.11	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Tenda	AC8	affected 16.03.50.11	Not specified

### References

Reference	Source	Link	Tags
vuldb.com	cna@vuldb.com	<a href="#">vuldb.com</a>	Third Party Advisory,
www.tenda.com.cn	cna@vuldb.com	<a href="#">www.tenda.com.cn</a>	Product
github.com/digitalandrew/tenda_ac8_v5/blob/main/poc_ipv6_auth_bypass.py	cna@vuldb.com	<a href="#">github.com</a>	Exploit
vuldb.com	cna@vuldb.com	<a href="#">vuldb.com</a>	Exploit, Third Party A
vuldb.com	cna@vuldb.com	<a href="#">vuldb.com</a>	Permissions Required
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical, analysis

### Vendor Comments And Credit

Discovery Credit

## CNA: DigitalAndrew (VulDB User) (en)

### Additional Advisory Data

Source	Time	Event
CNA	2026-03-16T00:00:00.000Z	Advisory disclosed
CNA	2026-03-16T01:00:00.000Z	VulDB entry created
CNA	2026-03-16T07:21:15.000Z	VulDB entry last update

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

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