



Tenda F453 Parameters Natlimit fromNatlimit stack-based overflow

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

Summary

CVE	CVE-2026-4553
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-22 16:16:04 UTC
Updated	2026-04-02 20:50:57 UTC
Description	A vulnerability was identified in Tenda F453 1.0.0.3. Impacted is the function fromNatlimit of the file /goform/Natlimit of the c

Risk And Classification

Primary CVSS: v4.0 7.4 HIGH from cna@vuldb.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/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: 0.000180000 probability, percentile 0.043900000 (date 2026-04-02)

Problem Types: CWE-119 | CWE-121 | CWE-121 Stack-based Buffer Overflow | CWE-119 Memory Corruption

Version	Source	Type	Score	Severity	Vector
4.0	cna@vuldb.com	Secondary	7.4	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P/C...
4.0	CNA	DECLARED	8.7	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P
3.1	cna@vuldb.com	Primary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H/E:P/RL:X/RC:R
3.0	CNA	DECLARED	8.8	HIGH	CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H/E:P/RL:X/RC:R
2.0	cna@vuldb.com	Secondary	9		AV:N/AC:L/Au:S/C:C/I:C/A:C
2.0	CNA	DECLARED	9		AV:N/AC:L/Au:S/C:C/I:C/A:C/E:POC/RL:ND/RC:UR

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

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:L/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

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Tenda	F453	-	All	All	All
Operating System	Tenda	F453 Firmware	1.0.0.3	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Tenda	F453	affected 1.0.0.3	Not specified

References

Reference	Source	Link	Tags
github.com/Litengzheng/vul_db/blob/main/F453/vul_88/README.md	cna@vuldb.com	github.com	Exploit, Third Party Advisory
www.tenda.com.cn	cna@vuldb.com	www.tenda.com.cn	Product
vuldb.com	cna@vuldb.com	vuldb.com	Third Party Advisory, VDB En
vuldb.com	cna@vuldb.com	vuldb.com	Permissions Required, VDB E
vuldb.com	cna@vuldb.com	vuldb.com	Third Party Advisory, VDB En
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: LtzHust (VuIDB User) (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-03-21T00:00:00.000Z	Advisory disclosed
CNA	2026-03-21T01:00:00.000Z	VuIDB entry created
CNA	2026-03-21T18:02:29.000Z	VuIDB entry last update

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

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