



Totolink N300RT libapmib.so formWsc is_cmd_string_valid buffer overflow

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

Summary

CVE	CVE-2026-7218
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-28 03:16:04 UTC
Updated	2026-04-28 03:16:04 UTC
Description	A vulnerability was detected in Totolink N300RT 3.4.0-B20250430. The impacted element is the function is_cmd_string_val

Risk And Classification

Primary CVSS: v4.0 7.3 HIGH from cna@vuldb.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:H/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

Problem Types: CWE-119 | CWE-120 | CWE-120 Buffer Overflow | CWE-119 Memory Corruption

Version	Source	Type	Score	Severity	Vector
4.0	cna@vuldb.com	Secondary	7.3	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:H/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P/C..
4.0	CNA	DECLARED	8.6	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:H/UI:N/VC:H/VI:H/VA:H/SC:N/SI:N/SA:N/E:P
3.1	cna@vuldb.com	Primary	7.2	HIGH	CVSS:3.1/AV:N/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	7.2	HIGH	CVSS:3.1/AV:N/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H/E:P/RL:X/RC:R
3.0	CNA	DECLARED	7.2	HIGH	CVSS:3.0/AV:N/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H/E:P/RL:X/RC:R
2.0	cna@vuldb.com	Secondary	8.3		AV:N/AC:L/Au:M/C:C/I:C/A:C
2.0	CNA	DECLARED	8.3		AV:N/AC:L/Au:M/C:C/I:C/A:C/E:POC/RL:ND/RC:UR

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

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:N/AC:L/AT:N/PR:H/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:MSC: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

High

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

High

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Totolink	N300RT	affected 3.4.0-B20250430	Not specified

References

Reference	Source	Link	Tags
github.com/xiaohaiyang-ai/TOTOLINK-N300RT-Buffer-Overflow	cna@vuldb.com	github.com	
vuldb.com/vuln/359818/cti	cna@vuldb.com	vuldb.com	
vuldb.com/submit/802127	cna@vuldb.com	vuldb.com	
vuldb.com/vuln/359818	cna@vuldb.com	vuldb.com	
www.totolink.net	cna@vuldb.com	www.totolink.net	
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: xyhackr (VulDB User) (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-04-27T00:00:00.000Z	Advisory disclosed
CNA	2026-04-27T02:00:00.000Z	VulDB entry created

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

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