



MatchDomainName 1-Byte Stack Buffer Over-Read in Hostname Validation

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

Summary

CVE	CVE-2026-5772
State	PUBLISHED
Assigner	wolfSSL
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-09 22:16:36 UTC
Updated	2026-04-29 14:52:45 UTC
Description	A 1-byte stack buffer over-read was identified in the MatchDomainName function (src/internal.c) during wildcard hostname validation.

Risk And Classification

Primary CVSS: v4.0 2.1 LOW from facts@wolfssl.com

CVSS:4.0/AV:N/AC:L/AT:P/PR:L/UI:P/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/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: 0.000400000 probability, percentile 0.120070000 (date 2026-05-01)

Problem Types: CWE-126 | CWE-126 CWE-126 Buffer over-read

Version	Source	Type	Score	Severity	Vector
4.0	facts@wolfssl.com	Secondary	2.1	LOW	CVSS:4.0/AV:N/AC:L/AT:P/PR:L/UI:P/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/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	2.1	LOW	CVSS:4.0/AV:N/AC:L/AT:P/PR:L/UI:P/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N
3.1	nvd@nist.gov	Primary	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

Present

Privileges Required

Low

User Interaction

Passive

Confidentiality

None

Integrity

None

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

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

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Wolfssl	Wolfssl	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CVE	Wolfssl	Wolfssl	1.5.0	Linux, Windows

CNA	WolfSSL	WolfSSL	affected 5.9.0 semver	Not specified
References				
Reference	Source	Link	Tags	
github.com/wolfSSL/wolfssl/pull/10119	facts@wolfssl.com	github.com	Issue Tracking, Patch	
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: Zou Dikai (en)				
There are currently no legacy QID mappings associated with this CVE.				

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