



# PKCS7 CBC Padding Oracle — Plaintext Recovery

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

## Summary

<b>CVE</b>	CVE-2026-5504
<b>State</b>	PUBLISHED
<b>Assigner</b>	wolfSSL
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-09 23:17:01 UTC
<b>Updated</b>	2026-04-09 23:17:01 UTC
<b>Description</b>	A padding oracle exists in wolfSSL's PKCS7 CBC decryption that could allow an attacker to recover plaintext through repea

## Risk And Classification

**Primary CVSS:** v4.0 6.3 MEDIUM from facts@wolfssl.com

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

**Problem Types:** CWE-354 | CWE-354 CWE-354 Improper validation of integrity check value

Version	Source	Type	Score	Severity	Vector
4.0	facts@wolfssl.com	Secondary	6.3	MEDIUM	CVSS:4.0/AV:N/AC:H/AT:P/PR:N/UI:N/VC:L/VI:N/VA:N/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	6.3	MEDIUM	CVSS:4.0/AV:N/AC:H/AT:P/PR:N/UI:N/VC:L/VI:N/VA:N/SC:N/SI:N/SA:N

## CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

High

Attack Requirements

Present

Privileges Required

None

User Interaction

None

Confidentiality

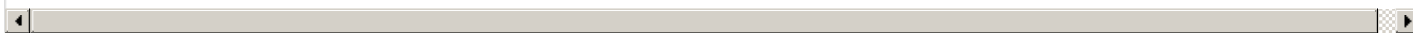
Low

Integrity

None

None  
Availability  
None  
Sub Conf.  
None  
Sub Integrity  
None  
Sub Availability  
None

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



### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	WolfSSL	WolfSSL	affected 5.9.0 semver	Not specified

### References

Reference	Source	Link	Tags
github.com/wolfSSL/wolfssl/pull/10088	facts@wolfssl.com	<a href="https://github.com">github.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

### Vendor Comments And Credit

#### Discovery Credit

**CNA:** Sunwoo Lee of Korea Institute of Energy Technology (KENTECH) for the report. (en)

**CNA:** Woohyun Choi of Korea Institute of Energy Technology (KENTECH) for the report. (en)

**CNA:** Seunghyun Yoon of Korea Institute of Energy Technology (KENTECH) for the report. (en)

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

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