



CVE-2025-66442

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

Summary

CVE	CVE-2025-66442
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-01 20:16:22 UTC
Updated	2026-04-01 20:16:22 UTC
Description	In Mbed TLS through 4.0.0, there is a compiler-induced timing side channel (in RSA and CBC/ECB decryption) that only oc

Risk And Classification

Primary CVSS: v3.1 5.1 MEDIUM from ADP

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

Problem Types: CWE-385 | n/a | CWE-385 CWE-385 Covert Timing Channel

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	5.1	MEDIUM	CVSS:3.1/AV:L/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	5.1	MEDIUM	CVSS:3.1/AV:L/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source	Link	Tags
mbed-tls.readthedocs.io/en/latest/security-advisories	cve@mitre.org	mbed-tls.readthedocs.io	
github.com/Mbed-TLS/TF-PSA-Crypto/releases	cve@mitre.org	github.com	
github.com/Mbed-TLS/mbedtls/releases	cve@mitre.org	github.com	
mbed-tls.readthedocs.io/en/latest/security-advisories/mbedtls-security-advisory-2026-...	cve@mitre.org	mbed-tls.readthedocs.io	
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

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

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