Cesanta Mongoose P-384 Public Key mongoose.c mg_tls_verify_cert_signature authorization

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Summary

CVE	CVE-2026-5246
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-02 10:16:17 UTC
Updated	2026-04-03 16:10:52 UTC
Description	A vulnerability was determined in Cesanta Mongoose up to 7.20. Affected is the function mg_tls_verify_cert_signature of th

Risk And Classification

Primary CVSS: v4.0 6.3 MEDIUM from cna@vuldb.com

CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:N/VC:L/VI:L/VA:L/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/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

EPSS: 0.000450000 probability, percentile 0.139490000 (date 2026-04-02)

Problem Types: CWE-285 | CWE-639 | CWE-639 Authorization Bypass | CWE-285 Improper Authorization

Version	Source	Type	Score	Severity	Vector
4.0	cna@vuldb.com	Secondary	6.3	MEDIUM	CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P/C...
4.0	CNA	DECLARED	6.3	MEDIUM	CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:N/VC:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P
3.1	cna@vuldb.com	Primary	5.6	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:L/A:L
3.1	CNA	DECLARED	5.6	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:L/A:L/E:P/RL:O/RC:C
3.0	CNA	DECLARED	5.6	MEDIUM	CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:L/A:L/E:P/RL:O/RC:C
2.0	cna@vuldb.com	Secondary	5.1		AV:N/AC:H/Au:N/C:P/I:P/A:P
2.0	CNA	DECLARED	5.1		AV:N/AC:H/Au:N/C:P/I:P/A:P/E:POC/RL:OF/RC:C

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

High

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

Low

Integrity

Low

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

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

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

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

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Cesanta	Mongoose	affected 7.0	Not specified
CNA	Cesanta	Mongoose	affected 7.1	Not specified
CNA	Cesanta	Mongoose	affected 7.2	Not specified
CNA	Cesanta	Mongoose	affected 7.3	Not specified
CNA	Cesanta	Mongoose	affected 7.4	Not specified
CNA	Cesanta	Mongoose	affected 7.5	Not specified
CNA	Cesanta	Mongoose	affected 7.6	Not specified
CNA	Cesanta	Mongoose	affected 7.7	Not specified
CNA	Cesanta	Mongoose	affected 7.8	Not specified
CNA	Cesanta	Mongoose	affected 7.9	Not specified
CNA	Cesanta	Mongoose	affected 7.10	Not specified
CNA	Cesanta	Mongoose	affected 7.11	Not specified
CNA	Cesanta	Mongoose	affected 7.12	Not specified
CNA	Cesanta	Mongoose	affected 7.13	Not specified
CNA	Cesanta	Mongoose	affected 7.14	Not specified
CNA	Cesanta	Mongoose	affected 7.15	Not specified
CNA	Cesanta	Mongoose	affected 7.16	Not specified
CNA	Cesanta	Mongoose	affected 7.17	Not specified
CNA	Cesanta	Mongoose	affected 7.18	Not specified

CNA	Cesanta	Mongoose	affected 7.19	Not specified
CNA	Cesanta	Mongoose	affected 7.20	Not specified
CNA	Cesanta	Mongoose	unaffected 7.21	Not specified

References

Reference	Source	Link	Tags
vuldb.com/submit/770104	cna@vuldb.com	vuldb.com	
github.com/cesanta/mongoose/releases/tag/7.21	cna@vuldb.com	github.com	
vuldb.com/vuln/354827	cna@vuldb.com	vuldb.com	
vuldb.com/vuln/354827/cti	cna@vuldb.com	vuldb.com	
github.com/cesanta/mongoose	cna@vuldb.com	github.com	
github.com/cesanta/mongoose/commit/0d882f1b43ff2308b7486a56a9d60cd6dba8a3f1	cna@vuldb.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysi

Vendor Comments And Credit

Discovery Credit

CNA: the_evilsocket (VulDB User) (en)

CNA: VulDB CNA Team (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-04-02T00:00:00.000Z	Advisory disclosed
CNA	2026-04-02T02:00:00.000Z	VulDB entry created
CNA	2026-04-02T09:48:27.000Z	VulDB entry last update

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