



Missing Signature Verification for Updates in Ollama

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

Summary

CVE	CVE-2026-42248
State	PUBLISHED
Assigner	CERT-PL
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-29 12:16:18 UTC
Updated	2026-04-29 12:16:18 UTC
Description	Ollama for Windows does not perform integrity or authenticity verification of downloaded update executables. Unlike other p

Risk And Classification

Primary CVSS: v4.0 7.7 HIGH from cvd@cert.pl

CVSS:4.0/AV:A/AC:L/AT:P/PR:N/UI:N/VC:H/VI:H/VA:H/SC:L/SI:L/SA:L/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: 0.000080000 probability, percentile 0.006970000 (date 2026-04-29)

Problem Types: CWE-494 | CWE-494 CWE-494: Download of Code Without Integrity Check

Version	Source	Type	Score	Severity	Vector
4.0	cvd@cert.pl	Secondary	7.7	HIGH	CVSS:4.0/AV:A/AC:L/AT:P/PR:N/UI:N/VC:H/VI:H/VA:H/SC:L/SI:L/SA:L/E:X/C...
4.0	CNA	CVSS	7.7	HIGH	CVSS:4.0/AV:A/AC:L/AT:P/PR:N/UI:N/VC:H/VI:H/VA:H/SC:L/SI:L/SA:L

CVSS v4.0 Breakdown

Attack Vector

Adjacent

Attack Complexity

Low

Attack Requirements

Present

Privileges Required

None

User Interaction

None

Confidentiality

High

ntegrity

High

Availability

High

Sub Conf.

Low

Sub Integrity

Low

Sub Availability

Low

CVSS:4.0/AV:A/AC:L/AT:P/PR:N/UI:N/VC:H/VI:H/VA:H/SC:L/SI:L/SA:L/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	Ollama	Ollama	affected 0.12.10 0.17.5 semver	Windows

References

Reference	Source	Link	Tags
cert.pl/en/posts/2026/04/CVE-2026-42248	cvd@cert.pl	cert.pl	
ollama.com	cvd@cert.pl	ollama.com	
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: Bartłomiej Dmitruk (striga.ai) (en)

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

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