



Remote Code Execution in Ollama via Update Mechanism

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

Summary

CVE	CVE-2026-42249
State	PUBLISHED
Assigner	CERT-PL
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-29 12:16:19 UTC
Updated	2026-04-29 12:16:19 UTC
Description	Ollama for Windows contains a Remote Code Execution vulnerability in its update mechanism due to improper handling of :

Risk And Classification

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

CVSS:4.0/AV:A/AC:H/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

Problem Types: CWE-22 | CWE-494 | CWE-494 CWE-494: Download of Code Without Integrity Check | CWE-22 CWE-22 Improper Limitation of a Pathname to a Restricted Directory ('Path Traversal')

Version	Source	Type	Score	Severity	Vector
4.0	cvd@cert.pl	Secondary	7.7	HIGH	CVSS:4.0/AV:A/AC:H/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:H/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

High

Attack Requirements

Present

Privileges Required

None

User Interaction

None

Confidentiality

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

Low

Sub Integrity

Low

Sub Availability

Low

CVSS:4.0/AV:A/AC:H/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.

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

Free CVE JSON API [cve.report/api](#)

