



OpenTelemetry eBPF Instrumentation: Privileged Java agent injection allows arbitrary host file overwrite via untrusted TMPDIR

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

Summary

CVE	CVE-2026-41433
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-24 20:16:27 UTC
Updated	2026-04-25 03:16:04 UTC
Description	OpenTelemetry eBPF Instrumentation provides eBPF instrumentation based on the OpenTelemetry standard. From 0.4.0 to

Risk And Classification

Primary CVSS: v3.1 8.4 HIGH from security-advisories@github.com

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

Problem Types: CWE-22 | CWE-59 | CWE-22 CWE-22: Improper Limitation of a Pathname to a Restricted Directory ('Path Traversal') | CWE-59 CWE-59: Improper Link Resolution Before File Access ('Link Following')

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	8.4	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:C/C:N/I:H/A:H
3.1	CNA	DECLARED	8.4	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:C/C:N/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Changed

Confidentiality

None

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Open-telemetry	Opentelemetry-ebpf-instrumentation	affected >= 0.4.0, < 0.8.0	Not specified

References

Reference	Source	Link	Ta
github.com/open-telemetry/opentelemetry-ebpf-instrumentation/releases/ta...	security-advisories@github.com	github.com	
github.com/open-telemetry/opentelemetry-ebpf-instrumentation/security/ad...	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.com	
CVE Program record	CVE.ORG	www.cve.org	ca
NVD vulnerability detail	NVD	nvd.nist.gov	ca

No vendor comments have been submitted for this CVE.

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

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