



OpenTelemetry dotnet: Excessive memory allocation when parsing OpenTelemetry propagation headers

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

Summary

CVE	CVE-2026-40894
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-23 19:17:28 UTC
Updated	2026-04-23 19:17:28 UTC
Description	OpenTelemetry dotnet is a dotnet telemetry framework. In OpenTelemetry.Api 0.5.0-beta.2 to 1.15.2 and OpenTelemetry.E

Risk And Classification

Primary CVSS: v3.1 5.3 MEDIUM from security-advisories@github.com

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

Problem Types: CWE-789 | CWE-789 CWE-789: Memory Allocation with Excessive Size Value

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L
3.1	CNA	DECLARED	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Open-telemetry	Opentelemetry-dotnet	affected >= 0.5.0-beta.2, < 1.15.3	Not specified
CNA	Open-telemetry	OpenTelemetry.Api	affected >= 0.5.0-beta.2, < 1.15.3	Not specified
CNA	Open-telemetry	OpenTelemetry.Extensions.Propagators	affected >= 1.3.1, < 1.15.3	Not specified

References

Reference	Source	Link	Tags
github.com/open-telemetry/opentelemetry-dotnet/security/advisories/GHSA-...	security-advisories@github.com	github.com	
github.com/open-telemetry/opentelemetry-dotnet/pull/533	security-advisories@github.com	github.com	
github.com/open-telemetry/opentelemetry-dotnet/pull/3309	security-advisories@github.com	github.com	
github.com/open-telemetry/opentelemetry-dotnet/pull/1048	security-advisories@github.com	github.com	
github.com/open-telemetry/opentelemetry-dotnet/pull/7061	security-advisories@github.com	github.com	
github.com/open-telemetry/opentelemetry-dotnet/pull/3244	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, ...

No vendor comments have been submitted for this CVE.

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

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