



.NET, .NET Framework, and Visual Studio Denial of Service Vulnerability

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

Summary

CVE	CVE-2026-33116
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-14 18:17:33 UTC
Updated	2026-04-14 18:17:33 UTC
Description	Loop with unreachable exit condition ('infinite loop') in .NET, .NET Framework, Visual Studio allows an unauthorized attacker to

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from secure@microsoft.com

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

EPSS: 0.008510000 probability, percentile 0.749240000 (date 2026-04-15)

Problem Types: CWE-20 | CWE-400 | CWE-835 | CWE-835 CWE-835: Loop with Unreachable Exit Condition ('Infinite Loop') | CWE-400 CWE-400: Uncontrolled Resource Consumption | CWE-20 CWE-20: Improper Input Validation

Version	Source	Type	Score	Severity	Vector
3.1	secure@microsoft.com	Primary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	CVSS	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H/E:U/RL:O/RC:C

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Microsoft	.NET 10.0	affected 10.0.0 10.0.6 custom
CNA	Microsoft	.NET 8.0	affected 8.0 8.0.26 custom
CNA	Microsoft	.NET 8.0	affected 8.0.0 8.0.26 custom
CNA	Microsoft	.NET 9.0	affected 9.0.0 9.0.15 custom
CNA	Microsoft	Microsoft .NET Framework 3.5	affected 3.5.0 2.0.50727.8982 & 3.0.30729.8976 custom
CNA	Microsoft	Microsoft .NET Framework 3.5 AND 4.7.2	affected 4.7.0 2.0.50727.9068 & 3.0.30729.9065 & 4.7.4141.0 custom
CNA	Microsoft	Microsoft .NET Framework 3.5 AND 4.8	affected 4.8.0 2.0.50727.9068 & 3.0.30729.9065 & 4.8.4801.0 custom
CNA	Microsoft	Microsoft .NET Framework 3.5 AND 4.8.1	affected 4.8.1 2.0.50727.9181 & 3.0.30729.9165 & 4.8.9332.0 custom
CNA	Microsoft	Microsoft .NET Framework 4.6.2/4.7/4.7.1/4.7.2	affected 4.7.0 4.8.4801.0 custom
CNA	Microsoft	Microsoft .NET Framework 4.8	affected 4.8.0 4.8.4801.0 custom

References

Reference	Source	Link	Tags
msrc.microsoft.com/update-guide/vulnerability/CVE-2026-33116	secure@microsoft.com	msrc.microsoft.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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