Microsoft .NET Core and Visual Studio Denial-of-Service Vulnerability

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2023-38180
State	PUBLIC
Assigner	secure@microsoft.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-08-08 19:15:00 UTC
Updated	2023-08-20 03:15:00 UTC
Description	.NET and Visual Studio Denial of Service Vulnerability

Risk And Classification

EPSS: 0.008820000 probability, percentile 0.754360000 (date 2026-04-22)

CISA KEV: Listed on 2023-08-09; due 2023-08-30; ransomware use Unknown

Problem Types: NVD-CWE-noinfo

CISA Known Exploited Vulnerability

Vendor	Microsoft
Product	.NET Core and Visual Studio
Name	Microsoft .NET Core and Visual Studio Denial-of-Service Vulnerability
Required Action	Apply mitigations per vendor instructions or discontinue use of the product if mitigations are unavailable.
Notes	https://msrc.microsoft.com/update-guide/en-US/vulnerability/CVE-2023-38180; https://nvd.nist.gov/vuln/detail/CVE-2023-38180

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Microsoft	.net	6.0.0	-	All	All
Application	Microsoft	.net	7.0.0	All	All	All
Application	Microsoft	Asp.net Core	2.1	All	All	All
Application	Microsoft	Visual Studio 2022	All	All	All	All

References

Reference	Source	Link

[SECURITY] Fedora 37 Update: dotnet7.0-7.0.110-1.fc37 - package-announce - Fedora Mailing-Lists	MISC	lists.fedoraproject.org
Security Update Guide - Microsoft Security Response Center	MISC	msrc.microsoft.com
[SECURITY] Fedora 38 Update: dotnet7.0-7.0.110-1.fc38 - package-announce - Fedora Mailing-Lists	MISC	lists.fedoraproject.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 160871 Oracle Enterprise Linux Security Update for .net 6.0 (ELSA-2023-4645)
- 160872 Oracle Enterprise Linux Security Update for .net 6.0 (ELSA-2023-4644)
- 160873 Oracle Enterprise Linux Security Update for .net 7.0 (ELSA-2023-4642)
- 160874 Oracle Enterprise Linux Security Update for .net 7.0 (ELSA-2023-4643)
- 199643 Ubuntu Security Notification for .NET Vulnerabilities (USN-6278-1)
- 199647 Ubuntu Security Notification for .NET Vulnerabilities (USN-6278-2)
- 241945 Red Hat Update for .net 6.0 (RHSA-2023:4639)
- 241947 Red Hat Update for .net 6.0 (RHSA-2023:4640)
- 241948 Red Hat Update for .net 7.0 security (RHSA-2023:4643)
- 241949 Red Hat Update for .net 6.0 security (RHSA-2023:4645)
- 241950 Red Hat Update for rh-dotnet60-dotnet security (RHSA-2023:4641)
- 241952 Red Hat Update for .net 6.0 security (RHSA-2023:4644)
- 241953 Red Hat Update for .net 7.0 security (RHSA-2023:4642)
- 284428 Fedora Security Update for dotnet6.0 (FEDORA-2023-cbc688b8ca)
- 284429 Fedora Security Update for dotnet6.0 (FEDORA-2023-25112489ab)
- 503161 Alpine Linux Security Update for dotnet6-build
- 503165 Alpine Linux Security Update for dotnet6-runtime
- 503169 Alpine Linux Security Update for dotnet7-build
- 503170 Alpine Linux Security Update for dotnet7-runtime
- 506005 Alpine Linux Security Update for dotnet6-build

506013 Alpine Linux Security Update for dotnet6-runtime

506021 Alpine Linux Security Update for dotnet7-build

506026 Alpine Linux Security Update for dotnet7-runtime

92047 Microsoft .NET Security Update for August 2023

92052 Microsoft Visual Studio Security Updates for August 2023

941230 AlmaLinux Security Update for .NET (ALSA-2023:4644)

941231 AlmaLinux Security Update for .NET (ALSA-2023:4642)

941233 AlmaLinux Security Update for .NET (ALSA-2023:4643)

941234 AlmaLinux Security Update for .NET (ALSA-2023:4645)

941420 AlmaLinux Security Update for .NET (ALSA-2023:4645)

961031 Rocky Linux Security Update for .NET (RLSA-2023:4645)

961038 Rocky Linux Security Update for .NET (RLSA-2023:4643)

994793 DotNet (Nuget) Security Update for Microsoft.AspNetCore.App.Runtime.win-arm64 (GHSA-vmch-3w2x-vhgq)