



CVE-2018-8172

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2018-8172
State	PUBLIC
Assigner	secure@microsoft.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-07-11 00:29:00 UTC
Updated	2022-11-21 20:03:00 UTC
Description	A remote code execution vulnerability exists in Visual Studio software when the software does not check the source markup

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Microsoft	Expression Blend	2	sp2	All	All
Application	Microsoft	Expression Blend	3	sp1	All	All
Application	Microsoft	Expression Blend	4	sp3	All	All
Application	Microsoft	Expression Blend	2	sp2	All	All
Application	Microsoft	Expression Blend	3	sp1	All	All
Application	Microsoft	Visual Studio	2010	sp1	All	All
Application	Microsoft	Visual Studio	2012	update5	All	All
Application	Microsoft	Visual Studio	2012	update_5	All	All
Application	Microsoft	Visual Studio	2013	update5	All	All
Application	Microsoft	Visual Studio	2013	update_5	All	All
Application	Microsoft	Visual Studio	2015	update3	All	All
Application	Microsoft	Visual Studio	2017	All	All	All
Application	Microsoft	Visual Studio	2017	15.7.5	All	All
Application	Microsoft	Visual Studio	2017	15.8	preview	All
Application	Microsoft	Visual Studio	2010	sp1	All	All
Application	Microsoft	Visual Studio	2012	update5	All	All
Application	Microsoft	Visual Studio	2013	update5	All	All

Application	Microsoft	Visual Studio	2015	update3	All	All
Application	Microsoft	Visual Studio	2017	All	All	All
Application	Microsoft	Visual Studio	2017	15.7.5	All	All
Application	Microsoft	Visual Studio	2017	15.8	preview	All
Application	Microsoft	Visual Studio 2017	-	All	All	All
Application	Microsoft	Visual Studio 2017	15.7.5	All	All	All
Application	Microsoft	Visual Studio 2017	15.8	All	preview	All

References

Reference	Source	Link
Microsoft Visual Studio Source Markup Validation Flaw Lets Remote Users Execute Arbitrary Code - SecurityTracker	SECTRACK	www.s...
portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2018-8172	CONFIRM	portal.r...
Microsoft Visual Studio CVE-2018-8172 Remote Code Execution Vulnerability	BID	www.s...
CVE Program record	CVE.ORG	www.c...
NVD vulnerability detail	NVD	nvd.nis...

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[91810](#) Microsoft Visual Studio 2017 Security Update for July 2018

© 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

CVE.report and Source URL Uptime Status status.cve.report