



CVE-2020-16874

Published on: 09/11/2020 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Visual Studio](#) from [Microsoft](#) contain the following vulnerability:

A remote code execution vulnerability exists in Visual Studio when it improperly handles objects in memory, aka 'Visual Studio Remote Code Execution Vulnerability'. This CVE ID is unique from CVE-2020-16856.

CVE-2020-16874 has been assigned by secure@microsoft.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **9.3 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Security Update Guide - Microsoft Security Response Center	Patch Vendor Advisory portal.msrc.microsoft.com text/html	MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-16874

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Microsoft	Visual Studio	2012	update_5	All	All
Application	Microsoft	Visual Studio	2013	update_5	All	All
Application	Microsoft	Visual Studio	2015	update_3	All	All
Application	Microsoft	Visual Studio	2012	update_5	All	All
Application	Microsoft	Visual Studio	2013	update_5	All	All
Application	Microsoft	Visual Studio	2015	update_3	All	All
Application	Microsoft	Visual Studio 2017	All	All	All	All
Application	Microsoft	Visual Studio 2019	All	All	All	All
Application	Microsoft	Visual Studio 2019	All	All	All	All
cpe:2.3:a:microsoft:visual_studio:2012:update_5:*.***.***.:						
cpe:2.3:a:microsoft:visual_studio:2013:update_5:*.***.***.:						
cpe:2.3:a:microsoft:visual_studio:2015:update_3:*.***.***.:						
cpe:2.3:a:microsoft:visual_studio:2012:update_5:*.***.***.:						
cpe:2.3:a:microsoft:visual_studio:2013:update_5:*.***.***.:						
cpe:2.3:a:microsoft:visual_studio:2015:update_3:*.***.***.:						
cpe:2.3:a:microsoft:visual_studio_2017:*.***.***.***.:						
cpe:2.3:a:microsoft:visual_studio_2019:*.***.***.***.:						
cpe:2.3:a:microsoft:visual_studio_2019:*.***.***.***.:						

No vendor comments have been submitted for this CVE

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