



CVE-2020-17156

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

Certain versions of [Visual Studio 2017](#) from [Microsoft](#) contain the following vulnerability:

Visual Studio Remote Code Execution Vulnerability

CVE-2020-17156 has been assigned by secure@microsoft.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Microsoft - Microsoft Visual Studio 2017 version 15.9 (includes 15.0 - 15.8) version**

Affected Vendor/Software: **Microsoft - Microsoft Visual Studio 2019 version 16.0**

Affected Vendor/Software: **Microsoft - Microsoft Visual Studio 2019 version 16.4 (includes 16.0 - 16.3) version**

Affected Vendor/Software: **Microsoft - Microsoft Visual Studio 2019 version 16.8 version**

Affected Vendor/Software: **Microsoft - Microsoft Visual Studio 2019 version 16.7 (includes 16.0 - 16.6) version**

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: **6.8 - MEDIUM**

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

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-2020-17156

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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 2017	All	All	All	All
Application	Microsoft	Visual Studio 2019	All	All	All	All

cpe:2.3:a:microsoft:visual_studio_2017:*****:.*:

cpe:2.3:a:microsoft:visual_studio_2019:*****:.*:

No vendor comments have been submitted for this CVE

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