

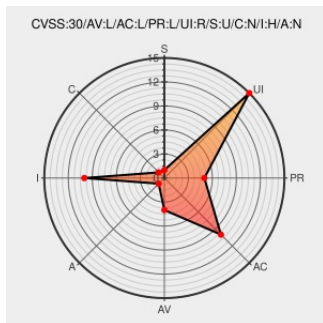


CVE-2019-1077

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CVE-2019-1077

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

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

An elevation of privilege vulnerability exists when the Visual Studio updater service improperly handles file permissions, aka 'Visual Studio Elevation of Privilege Vulnerability'.

CVE-2019-1077 has been assigned by [secure@microsoft.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **Microsoft - Microsoft Visual Studio 2017** version **version 15.9**

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

Affected Vendor/Software: **Microsoft - Microsoft Visual Studio 2019** version **16.1**

CVSS3 Score: **5 - MEDIUM**

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

CVSS2 Score: **6.6 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	COMPLETE	COMPLETE

CVE References

Description

Tags

Link

No Description Provided

Patch

Vendor Advisory

portal.msrc.microsoft.com

text/html

MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1077

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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	15.9	All	All	All
Application	Microsoft	Visual Studio 2017	15.9	All	All	All
Application	Microsoft	Visual Studio 2019	16.0	All	All	All
Application	Microsoft	Visual Studio 2019	16.1	All	All	All
Application	Microsoft	Visual Studio 2019	16.0	All	All	All
Application	Microsoft	Visual Studio 2019	16.1	All	All	All

cpe:2.3:a:microsoft:visual_studio_2017:15.9:*****:

cpe:2.3:a:microsoft:visual_studio_2017:15.9:*****:

cpe:2.3:a:microsoft:visual_studio_2019:16.0:*****:

cpe:2.3:a:microsoft:visual_studio_2019:16.1:*****:

cpe:2.3:a:microsoft:visual_studio_2019:16.0:*****:

cpe:2.3:a:microsoft:visual_studio_2019:16.1:*****:

No vendor comments have been submitted for this CVE

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