

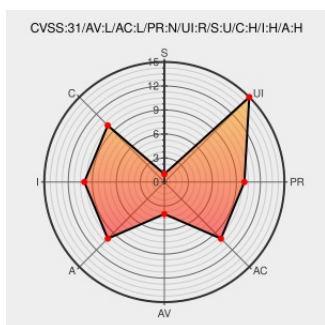


CVE-2020-16977

Published on: 10/16/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:23:49 PM UTC

CVE-2020-16977

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

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

A remote code execution vulnerability exists in Visual Studio Code when the Python extension loads a Jupyter notebook file, aka 'Visual Studio Code Python Extension Remote Code Execution Vulnerability'.

CVE-2020-16977 has been assigned by [secure@microsoft.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Microsoft](#) - **Visual Studio Code** 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: **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
No Description Provided	Patch Vendor Advisory portal.msrc.microsoft.com	MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-16977

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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 Code	-	All	All	All
Application	Microsoft	Visual Studio Code	-	All	All	All
cpe:2.3:a:microsoft:visual_studio_code:-:*****:						
cpe:2.3:a:microsoft:visual_studio_code:-:*****:						

No vendor comments have been submitted for this CVE

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