CVE-2020-17148

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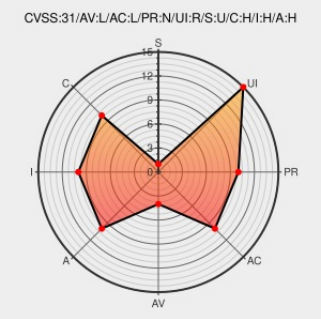
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Visual Studio Code from Microsoft contain the following vulnerability:

Visual Studio Code Remote Development Extension Remote Code Execution Vulnerability

CVE-2020-17148 has been assigned by secure@microsoft.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Microsoft** - **Visual Studio Code Remote - SSH Extension** 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**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Security Update Guide - Microsoft Security Response Center	Patch, Vendor Advisory, portal.msrc.microsoft.com	MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-17148

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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	All
Application	Microsoft	Visual Studio Code	All	All	All	All

cpe:2.3:a:microsoft:visual_studio_code:*:*:*:*:*:remote-ssh:*:*:

cpe:2.3:a:microsoft:visual_studio_code:*:*:*:*:*:remote-ssh:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@InakMali	#CVE-2020-17148 detected in #Microsoft #Windows Subsystem allowing users to "inject a ProxyCommand option that coul… twitter.com/i/web/status/1…	2021-09-27 19:06:26
@Webimprints	#infosec #informationsecurity #hacking #security CVE-2020-17148: Critical remote execution vulnerability in Visual… twitter.com/i/web/status/1…	2021-09-27 21:52:31
@AlexaGm33043450	CVE-2020-17148: Critical remote execution vulnerability in Visual Studio Code's Remote Development extension ift.tt/3EXscMI	2021-09-27 22:32:34
@CyberIQs_	CVE-2020-17148: Critical remote execution vulnerability in Visual Studio cyberiqs.com/cve-2020-17148… #infosec… twitter.com/i/web/status/1…	2021-09-27 23:29:54
@MrHackerCo	CVE-2020-17148: Critical remote execution vulnerability in Visual Studio Code's Remote Developmen... mrhacker.co/uncategorized/…	2021-10-03 02:09:30
@777PHDP	?VULNERABILITIESCVE-2020-17148? Critical remote execution vulnerability in Visual Studio Code's Remote Development… twitter.com/i/web/status/1…	2021-10-05 13:32:22
@domineefh	RCE in Visual Studio Code's Remote WSL for Fun and Negative Profit parsiya.net/blog/2021-12-2… < CVE-2020-17148 < yet a… twitter.com/i/web/status/1…	2021-12-21 12:37:03

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