CVE-2022-4952

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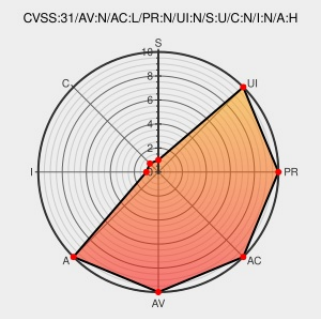

Certain versions of C Language Server Protocol from Dotnetfoundation contain the following vulnerability:

A vulnerability has been found in OmniSharp csharp-language-server-protocol up to 0.19.6 and classified as problematic. This vulnerability affects the function CreateSerializerSettings of the file src/JsonRpc/Serialization/SerializerBase.cs of the component JSON Serializer. The manipulation leads to resource consumption. Upgrading to version 0.19.7 is able to address this issue. The patch is identified as 7fd2219f194a9ef2a8901bb131c5fa12272305ce. It is recommended to upgrade the affected component. VDB-234238 is the identifier assigned to this vulnerability.

CVE-2022-4952 has been assigned by cna@vuldb.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

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

CVE References

Description	Tags	Link
Login required	vuldb.com text/html Inactive Link Not Archived	MISC vuldb.com/?ctiid.234238
Set max depth for JSON serializer to mitigate known DOS vulnerability… · OmniSharp/csharp-language-server-protocol@7fd2219 · GitHub	github.com text/html	MISC github.com/OmniSharp/csharp-language-server-protocol/commit/7fd2219f194a9ef2a8901bb131c5fa12272305ce
CVE-2022-4952: OmniSharp csharp-language-server-protocol JSON Serializer	vuldb.com	MISC vuldb.com/?id.234238

language-server-protocol JSON Serializer SerializerBase.cs CreateSerializerSettings resource consumption (ID 902)	text/html	
Set max depth for JSON serializer to mitigate known DOS vulnerability by andschwa · Pull Request #902 · OmniSharp/csharp-language-server-protocol · GitHub	github.com text/html	MISC github.com/OmniSharp/csharp-language-server-protocol/pull/902
Release v0.19.7 · OmniSharp/csharp-language-server-protocol · GitHub	github.com text/html	MISC github.com/OmniSharp/csharp-language-server-protocol/releases/tag/v0.19.7

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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	Dotnetfoundation	C Language Server Protocol	All	All	All	All

cpe:2.3:a:dotnetfoundation:c\#_language_server_protocol:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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CVE.report and Source URL Uptime Status status.cve.report