

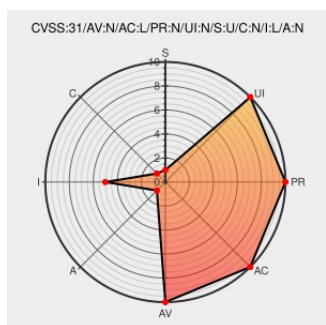


CVE-2020-28042

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CVE-2020-28042

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

Certain versions of [ServiceStack](#) from [ServiceStack](#) contain the following vulnerability:

ServiceStack before 5.9.2 mishandles JWT signature verification unless an application has a custom ValidateToken function that establishes a valid minimum length for a signature.

CVE-2020-28042 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.3 - MEDIUM**

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

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
ServiceStack v5.9.2 Released - Announcements - ServiceStack Customer Forums	Release Notes Vendor Advisory forums.servicestack.net text/html	MISC forums.servicestack.net/t/servicestack-v5-9-2-released/8850

MISC www.shielder.it/blog/2020/11/re-discovering-a-jwt-authentication-by-servicestack/

 MISC
github.com/ServiceStack/ServiceStack/commit/540d4060e877a03ae95343c

MISC www.shielder.it/advisories/servicestack-jwt-signature-verification-by

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Related QID Numbers

[983061](#) Dotnet (nuget) Security Update for ServiceStack (GHSA-v5rv-hpxg-8x49)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Servicestack	Servicestack	All	All	All	All
Application	Servicestack	Servicestack	All	All	All	All
<pre>cpe:2.3:a:servicestack:servicestack:*.*:~::~</pre>						
<pre>cpe:2.3:a:servicestack:servicestack:*.*:~::~</pre>						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
🔒 @theXSSrat	CVE-2019-20933 = influx DB weakness github.com/LorenzoTullini... CVE-2020-28042 = ServiceStack before 5.9.2 mishandles... twitter.com/i/web/status/1...	2021-12-23 01:30:38

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