



CVE-2021-4279

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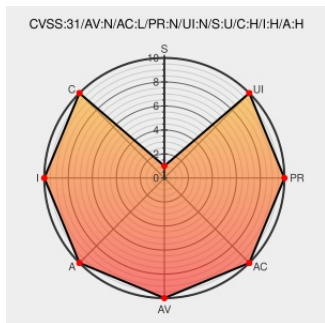
CVE-2021-4279

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Json-patch](#) from [Json-patch Project](#) contain the following vulnerability:

A vulnerability has been found in Starcounter-Jack JSON-Patch up to 3.1.0 and classified as problematic. This vulnerability affects unknown code. The manipulation leads to improperly controlled modification of object prototype attributes ('prototype pollution'). The attack can be initiated remotely. The exploit has been disclosed to the public and

may be used. Upgrading to version 3.1.1 is able to address this issue. The name of the patch is 7ad6af41eabb2d799f698740a91284d762c955c9. It is recommended to upgrade the affected component. VDB-216778 is the identifier assigned to this vulnerability.

CVE-2021-4279 has been assigned by [cna@vuldb.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [Starcounter-Jack](#) - **JSON-Patch** version = **3.0**

Affected Vendor/Software: [Starcounter-Jack](#) - **JSON-Patch** version = **3.1**

CVSS3 Score: **9.8 - CRITICAL**

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

CVE References

Description	Tags	Link
Release 3.1.1 · Starcounter-Jack/JSON-Patch · GitHub	github.com text/html	MISC github.com/Starcounter-Jack/JSON-Patch/releases/tag/3.1.1
	vuldb.com text/plain Inactive Link Not Archived	MISC vuldb.com/?id.216778

Merge pull request #262 from 418sec/1-npm-fast-json-patch · Starcounter-Jack/JSON-Patch@7ad6af4 · GitHub

github.com

text/html

MISC [github.com/Starcounter-Jack/JSON-Patch/commit/7ad6af41eabb2d799f698740a91284d762c955c9](#)

Security Fix for Prototype Pollution - huntr.dev by huntr-helper · Pull Request #262 · Starcounter-Jack/JSON-Patch · GitHub

github.com

text/html

MISC [github.com/Starcounter-Jack/JSON-Patch/pull/262](#)

vuldb.com

text/plain

Inactive Link

Not Archived

MISC [vuldb.com/?ctiid.216778](#)

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

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Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	Json-patch Project	Json-patch	All	All	All	All
Application	Starcounter-jack	Json-patch	All	All	All	All
cpe:2.3:a:json-patch_project:json-patch:*****:.*:						
cpe:2.3:a:starcounter-jack:json-patch:*****:.*:						

No vendor comments have been submitted for this CVE

Social Mentions		
Source	Title	Posted (UTC)
@CVEreport	CVE-2021-4279 : A vulnerability has been found in Starcounter-Jack JSON-Patch up to 3.1.0 and classified as problem... twitter.com/i/web/status/1...	2022-12-25 20:08:02
@vuldb	[Exploit] We have added exploits for CVE-2021-4279 and CVE-2022-4740 vuldb.com/?exploits.2022... #exploit #exploits #poc	2022-12-25 20:38:26
@Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-4279 A vulnerability has been found in Starcounter-Jack JSON-Patch up t... twitter.com/i/web/status/1...	2022-12-25 20:56:01
/r/netcve	CVE-2021-4279	2022-12-25 20:39:01

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