

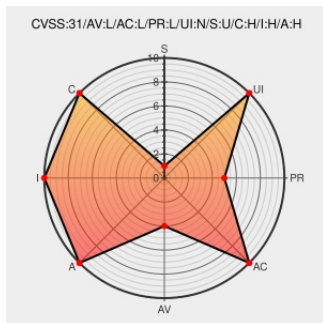


CVE-2022-45491

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CVE-2022-45491

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

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

Buffer overflow vulnerability in function `json_parse_value` in `sheredom json.h` before commit `0825301a07cbf51653882bf2b153cc81fdadf41` (November 14, 2022) allows attackers to code arbitrary code and gain escalated privileges.

CVE-2022-45491 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

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

CVE References

Description	Tags	Link
Heap Overflow in <code>json.h(json_parse_value())</code> · Advisory · hyrathon/trophies · GitHub	github.com text/html	MISC github.com/hyrathon/trophies/security/advisories/GHSA-55fm-gm4m-3v3j
Heap Overflow in <code>json_parse_value()</code> · Issue #94 · sheredom/json.h · GitHub	github.com text/html	MISC github.com/sheredom/json.h/issues/94

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There are currently no QIDs associated with this CVE

Buffer overflow vulnerability in function json_parse_value in sheredom json.h before commit 0825301a07cbf51653882bf2b...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Json.h Project	Json.h	All	All	All	All
cpe:2.3:a:json.h_project:json.h:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-45491 : Buffer overflow vulnerability in function json_parse_value in sheredom json.h before commit 082530... twitter.com/i/web/status/1...	2023-02-03 21:04:45
 /r/netcve	CVE-2022-45491	2023-02-03 21:40:31

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