CVE-2021-43801

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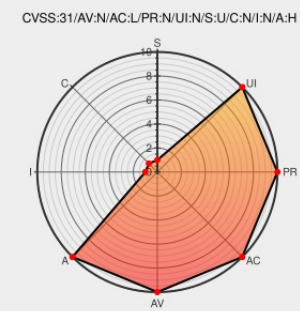
CVE-2021-43801 - advisory for GHSA-273r-rm8g-7f3x

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



Certain versions of Mercurius from Mercurius Project contain the following vulnerability:

Mercurius is a GraphQL adapter for Fastify. Any users from Mercurius@8.10.0 to 8.11.1 are subjected to a denial of service attack by sending a malformed JSON to `/graphql` unless they are using a custom error handler. The vulnerability has been fixed in https://github.com/mercurius-js/mercurius/pull/678 and shipped as v8.11.2. As a workaround users may use a custom error handler.

CVE-2021-43801 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **mercurius-js** - **mercurius** version **>= 8.10.0, < 8.11.2**

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

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link

Uncaught Exception in mercurius · Advisory · mercurius-js/mercurius · GitHub	github.com text/html	CONFIRM github.com/mercurius-js/mercurius/security/advisories/GHSA-273r-rm8g-7f3x
Fix regression in handling badly formed JSON by mcollina · Pull Request #678 · mercurius-js/mercurius · GitHub	github.com text/html	MISC github.com/mercurius-js/mercurius/pull/678/commits/732b2f895312da8deadd7b173dcd2d141d54b223
Context can be undefined in the error handler · Issue #677 · mercurius-js/mercurius · GitHub	github.com text/html	MISC github.com/mercurius-js/mercurius/issues/677

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mercurius Project	Mercurius	All	All	All	All

cpe:2.3:a:mercurius_project:mercurius:*:*:*:*:*:node.js:*:*

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
/r/netcve	CVE-2021-43801	2021-12-13 20:38:49

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