CVE-2021-21322

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CVE-2021-21322 - advisory for GHSA-c4qr-gmr9-v23w

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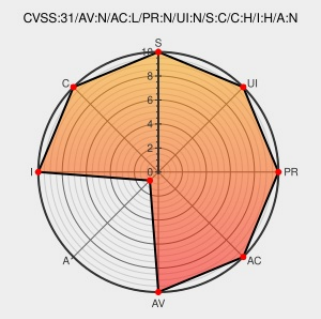

Certain versions of Fastify-http-proxy from Fastify-http-proxy Project contain the following vulnerability:

fastify-http-proxy is an npm package which is a fastify plugin for proxying your http requests to another server, with hooks. By crafting a specific URL, it is possible to escape the prefix of the proxied backend service. If the base url of the proxied server is `/pub/`, a user expect that accessing `/priv` on the target service would not be possible. In affected versions, it is possible. This is fixed in version 4.3.1.

CVE-2021-21322 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **fastify** - **fastify-http-proxy** version **< 4.3.1**

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

CVSS2 Score: 7.5 - HIGH

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

CVE References

Description	Tags	Link

Description	Tags	Link
Prefix escape · Advisory · fastify/fastify-http-proxy · GitHub	Third Party Advisory github.com text/html	CONFIRM github.com/fastify/fastify-http-proxy/security/advisories/GHSA-c4qr-gmr9-v23w
Merge pull request from GHSA-c4qr-gmr9-v23w · fastify/fastify-http-proxy@02d9b43 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/fastify/fastify-http-proxy/commit/02d9b43c770aa16bc44470edecfaeb7c17985016
fastify-http-proxy - npm	Product Third Party Advisory www.npmjs.com text/html	MISC www.npmjs.com/package/fastify-http-proxy

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Related QID Numbers

982931 Nodejs (npm) Security Update for fastify-http-proxy (GHSA-c4qr-gmr9-v23w)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Fastify-http-proxy Project	Fastify-http-proxy	All	All	All	All
Application	Fastify-http-proxy Project	Fastify-http-proxy	All	All	All	All

cpe:2.3:a:fastify-http-proxy_project:fastify-http-proxy:*:*:*:*:*:node.js:*:*:

cpe:2.3:a:fastify-http-proxy_project:fastify-http-proxy:*:*:*:*:*:node.js:*:*:

No vendor comments have been submitted for this CVE

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