

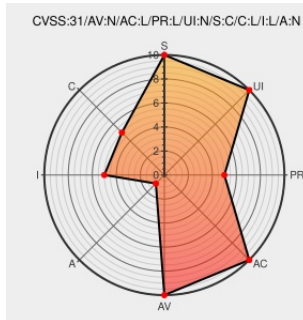


CVE-2021-21412

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CVE-2021-21412 - advisory for GHSA-rj44-gpjc-29r7

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

Certain versions of [@thi.ng/egf](#) from [@thi.ng Egf Project](#) contain the following vulnerability:

Potential for arbitrary code execution in npm package [@thi.ng/egf](#) ``#gpg``-tagged property values (only if ``decrypt: true`` option is enabled). PR with patch has been submitted and will has been released as of v0.4.0 By default the EGF parse functions do NOT attempt to decrypt values (since GPG only available in non-browser env). However, if

GPG encrypted values are used/required: 1. Perform a regex search for ``#gpg``-tagged values in the EGF source file/string and check for backtick (```) chars in the encrypted value string 2. Replace/remove them or skip parsing if present.

CVE-2021-21412 has been assigned by [security-advisories@github.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [thi-ng](#) - **egf** version < 0.4.0

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **6.5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
umbrella/CHANGELOG.md at develop · thi-ng/umbrella · GitHub	github.com text/html	MISC github.com/thi-ng/umbrella/blob/develop/packages/egf/CHANGELOG.md#040-2021-03-27
Merge pull request from GHSA-rj44-gpjc-29r7 · thi-ng/umbrella@88f6165 · GitHub	github.com text/html	MISC github.com/thi-ng/umbrella/commit/88f61656e5f5cfba960013b8133186389efaf243
[thi.ng/egf] Potential arbitrary code execution of `#gpg`-tagged property values · Advisory · thi-ng/umbrella · GitHub	github.com text/html	CONFIRM github.com/thi-ng/umbrella/security/advisories/GHSA-rj44-gpjc-29r7
@thi.ng/egf - npm	www.npmjs.com text/html	MISC www.npmjs.com/package/@thi.ng/egf

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Related QID Numbers

982823 Nodejs (npm) Security Update for @thi.ng/egf (GHSA-rj44-gpjc-29r7)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	@thi.ng Egf Project	@thi.ng/egf	All	All	All	All
cpe:2.3:a:@thi.ng_egf_project:@thi.ng\egf:*.***.***:node.js:*.***						

No vendor comments have been submitted for this CVE

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