



CVE-2016-10535

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

CVSS:30/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N



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

csrf-lite is a cross-site request forgery protection library for framework-less node sites. csrf-lite uses `===`, a fail first string comparison, instead of a time constant string comparison. This enables an attacker to guess the secret in no more than $(16 \times 18)288$ guesses, instead of the 16^{18} guesses required were the timing attack not present.

CVE-2016-10535 has been assigned by [h1](#) support@hackerone.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [h1](#) **HackerOne** - csrf-lite node module version $\leq 0.1.1$

CVSS3 Score: **5.9 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Overview	Third Party Advisory	S MISC

Added time constant string comparison by twolfson · Pull Request #1 · isaacs/csrf-lite · GitHub

Third Party Advisory
[github.com](#)
[text/html](#)

 MISC [github.com/isaacs/csrf-lite/pull/1](#)

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Related QID Numbers

983978 Nodejs (npm) Security Update for csrf-lite (GHSA-hjhr-r3gq-qvp6)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Csrf-lite Project	Csrf-lite	All	All	All	All
cpe:2.3:a:csrf-lite_project:csrf-lite:*:*:*:*:node.js:*:*:						

No vendor comments have been submitted for this CVE

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