



CVE-2018-3723

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

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

defaults-deep node module before 0.2.4 suffers from a Modification of Assumed-Immutable Data (MAID) vulnerability, which allows a malicious user to modify the prototype of "Object" via `__proto__`, causing the addition or modification of an existing property that will exist on all objects.

CVE-2018-3723 has been assigned by [h1](#) support@hackerone.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [h1](#) **HackerOne - defaults-deep node module** version **Versions before 0.2.4**

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
HackerOne	Exploit	h1 MISC hackerone.com/reports/310514

Third Party Advisory
hackerone.com
text/html

exclude __proto__ · jonschlinkert/defaults-deep@c873f34 · GitHub

Patch
Third Party Advisory
github.com
text/html

MISC github.com/jonschlinkert/defaults-deep/commit/c873f341327ad885ff4d0f23b3d3bca31b0343e5

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Defaults-deep Project	Defaults-deep	All	All	All	All
Application	Defaults-deep Project	Defaults-deep	All	All	All	All
cpe:2.3:a:defaults-deep_project:defaults-deep:*:*:*:*:node.js:*:*:						
cpe:2.3:a:defaults-deep_project:defaults-deep:*:*:*:*:node.js:*:*:						

No vendor comments have been submitted for this CVE

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