



CVE-2018-3753

Published on: 07/03/2018 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:25 PM UTC

CVE-2018-3753

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

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

The utilities function in all versions $\leq 1.0.0$ of the merge-objects node module can be tricked into modifying the prototype of Object when the attacker can control part of the structure passed to this function. This can let an attacker add or modify existing properties that will exist on all objects.

CVE-2018-3753 has been assigned by [h1](#) support@hackerone.com to track the vulnerability - currently rated as **CRITICAL** severity.

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
HackerOne	Exploit Issue Tracking Third Party Advisory	h1 MISC hackerone.com/reports/310706

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Related QID Numbers

981103 Nodejs (npm) Security Update for merge-object (GHSA-fp82-2h99-3fpp)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Merge-object Project	Merge-object	All	All	All	All
cpe:2.3:a:merge-object_project:merge-object:*:*:*:*:*:node.js:*:*						

No vendor comments have been submitted for this CVE

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