



CVE-2020-7689

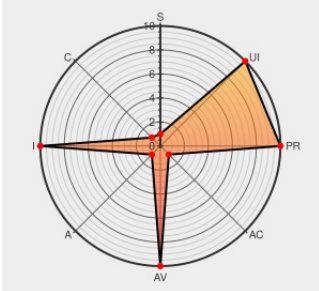
Published on: 07/01/2020 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

CVE-2020-7689

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

CVSS:31/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:H/A:N



Certain versions of [Node.bcrypt.js](#) from [Node.bcrypt.js Project](#) contain the following vulnerability:

Data is truncated wrong when its length is greater than 255 bytes.

CVE-2020-7689 has been assigned by [report@snyk.io](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **4.3 - MEDIUM**

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

CVE References

Description	Tags	Link
Insecure Encryption in bcrypt Snyk	Third Party Advisory snyk.io text/html	MISC snyk.io/vuln/SNYK-JS-BCRYPT-572911
Fix overflow bug. See issue #776 by techhead · Pull Request #806 ·	Patch	MISC

kelektiv/node.bcrypt.js · GitHub

Third Party Advisory

github.com

text/html

github.com/kelektiv/node.bcrypt.js/pull/806

Pass key_len to bcrypt(). Fix for issues kelektiv#774, kelektiv#776 by techhead · Pull Request #807 · kelektiv/node.bcrypt.js · GitHub

Patch

Third Party Advisory

github.com

text/html

MISC

github.com/kelektiv/node.bcrypt.js/pull/807

Some compatibility issue with emoji · Issue #776 · kelektiv/node.bcrypt.js · GitHub

Third Party Advisory

github.com

text/html

MISC

github.com/kelektiv/node.bcrypt.js/issues/776

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Related QID Numbers

981867 Nodejs (npm) Security Update for bcrypt (GHSA-5wg4-74h6-q47v)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Node.bcrypt.js Project	Node.bcrypt.js	All	All	All	All
Application	Node.bcrypt.js Project	Node.bcrypt.js	All	All	All	All
cpe:2.3:a:node.bcrypt.js_project:node.bcrypt.js:*:*:*:*:node.js:*:*						
cpe:2.3:a:node.bcrypt.js_project:node.bcrypt.js:*:*:*:*:node.js:*:*						

Discovery Credit

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