CVE-2020-36732

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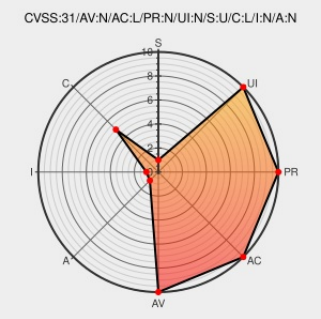

Certain versions of Crypto-js from Crypto-js Project contain the following vulnerability:

The crypto-js package before 3.2.1 for Node.js generates random numbers by concatenating the string "0." with an integer, which makes the output more predictable than necessary.

CVE-2020-36732 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.3 - MEDIUM

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

CVE References

Description	Tags	Link
Native crypto module could not be used to get secure random number. · Issue #256 · brix/crypto-js · GitHub	github.com text/html	MISC github.com/brix/crypto-js/issues/256
Comparing 3.2.0...3.2.1 · brix/crypto-js · GitHub	github.com text/html	MISC github.com/brix/crypto-js/compare/3.2.0...3.2.1
Security issue · Issue #254 · brix/crypto-js · GitHub	github.com text/html	MISC github.com/brix/crypto-js/issues/254
403 Forbidden	security.netapp.com text/html Inactive Link Not Archived	CONFIRM security.netapp.com/advisory/ntap-20230706-0003/
Insecure Randomness in crypto-js | Snyk	security.snyk.io text/html	MISC security.snyk.io/vuln/SNYK-JS-CRYPTOJS-548472

Fix random number generator by evanvosberg · Pull Request #257 · brix/crypto-js · GitHub	github.com text/html	MISC github.com/brix/crypto-js/pull/257/commits/e4ac157d8b75b962d6538fc0b996e5d4d5a9466b

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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	Crypto-js Project	Crypto-js	All	All	All	All

cpe:2.3:a:crypto-js_project:crypto-js:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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