CVE-2020-12118

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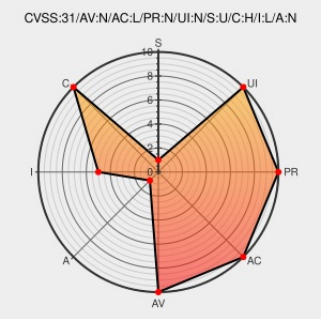

Certain versions of Tss-lib from Binance contain the following vulnerability:

The keygen protocol implementation in Binance tss-lib before 1.2.0 allows attackers to generate crafted h1 and h2 parameters in order to compromise a signing round or obtain sensitive information from other parties.

CVE-2020-12118 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.2 - HIGH

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

CVSS2 Score: 6.4 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	NONE

CVE References

Description	Tags	Link
keygen dlnproof by notatestuser · Pull Request #89 · binance-chain/tss-lib · GitHub	Patch, Third Party Advisory, github.com, text/html	MISC github.com/binance-chain/tss-lib/pull/89

Release Various bug fixes · binance-chain/tss-lib · GitHub	Release Notes Third Party Advisory github.com text/html	MISC github.com/binance-chain/tss-lib/releases/tag/v1.2.0

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Related QID Numbers

982032 Go (go) Security Update for github.com/binance-chain/tss-lib/ecdsa/keygen (GHSA-399h-cmvp-qgx5)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Binance	Tss-lib	All	All	All	All
Application	Binance	Tss-lib	All	All	All	All

cpe:2.3:a:binance:tss-lib:*:*:*:*:*:*:*:*:

cpe:2.3:a:binance:tss-lib:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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