CVE-2018-12703

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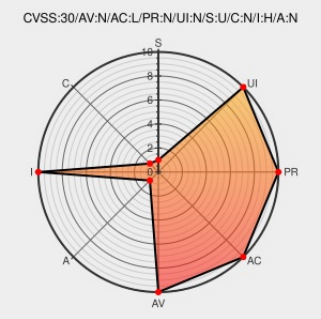

Certain versions of Block18 from Block18 contain the following vulnerability:

The approveAndCallcode function of a smart contract implementation for Block 18 (18T), an tradable Ethereum ERC20 token, allows attackers to steal assets (e.g., transfer the contract's balances into their account) because the callcode (i.e., _spender.call(_extraData)) is not verified, aka the "evilReflex" issue. NOTE: a PeckShield disclosure states "some researchers have independently discussed the mechanism of such vulnerability."

CVE-2018-12703 has been assigned by cve@mitre.org 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: 5 - MEDIUM

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

CVE References

Description	Tags	Link
Help Center	Third Party Advisory	MISC:https://block18global.zendesk.com/hc/en-us/articles/360000110521-HADAX

Help Center	Third Party Advisory huobiglobal.zendesk.com text/html	MISC huobiglobal.zendesk.com/hc/en-us/articles/360000110521-HADAX-Suspends-18T-and-GVE-Deposits-and-Withdrawals
PeckShield派盾 - 业界领先的区块链安全公司	Exploit Third Party Advisory peckshield.com text/html	MISC peckshield.com/2018/06/23/evilReflex/

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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	Block18	Block18	All	All	All	All
Application	Block18	Block18	All	All	All	All

cpe:2.3:a:block18:block18:*:*:*:*:*:*:*:*:

cpe:2.3:a:block18:block18:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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