



CVE-2018-13224

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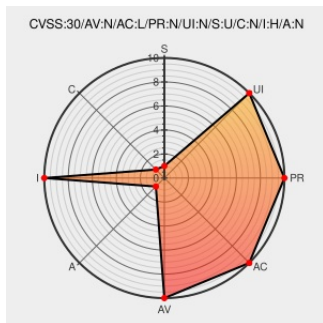
CVE-2018-13224

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Virtual Energy Units](#) from [Virtual Energy Units Project](#) contain the following vulnerability:

The sell function of a smart contract implementation for Virtual Energy Units (VEU) (Contract Name: VEU_TokenERC20), an Ethereum token, has an integer overflow in which "amount * sellPrice" can be zero, consequently reducing a seller's assets.

CVE-2018-13224 has been assigned by [M](#) 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
EtherTokens/TokenERC20 at master · BlockChainsSecurity/EtherTokens · GitHub	Third Party Advisory github.com text/html	MISC github.com/BlockChainsSecurity/EtherTokens/tree/master/TokenERC20

EtherTokens/sell integer
overflow.md at master ·
BlockChainsSecurity/EtherTokens
· GitHub

Third Party Advisory

github.com

text/html

MISC

github.com/BlockChainsSecurity/EtherTokens/blob/master/ETHEREUMBLACK/sell

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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	Virtual Energy Units Project	Virtual Energy Units	-	All	All	All
Application	Virtual Energy Units Project	Virtual Energy Units	-	All	All	All

cpe:2.3:a:virtual_energy_units_project:virtual_energy_units:-:*:*:*:*:*:

cpe:2.3:a:virtual_energy_units_project:virtual_energy_units:-:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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