



CVE-2018-13501

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CVE-2018-13501

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Hrwtoken](#) from [Hrwtoken Project](#) contain the following vulnerability:

The mintToken function of a smart contract implementation for HRWtoken, an Ethereum token, has an integer overflow that allows the owner of the contract to set the balance of an arbitrary user to any value.

CVE-2018-13501 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/HRWtoken at master · BlockChainsSecurity/EtherTokens · GitHub	Third Party Advisory github.com text/html	MISC github.com/BlockChainsSecurity/EtherTokens/tree/master/HRWtoken

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

Exploit
Third Party Advisory
github.com
text/html

MISC
github.com/BlockChainsSecurity/EtherTokens/blob/master/GEMCHAIN/mint%20int

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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	Hrwtoken Project	Hrwtoken	-	All	All	All
Application	Hrwtoken Project	Hrwtoken	-	All	All	All
cpe:2.3:a:hrwtoken_project:hrwtoken:-:*:*:*:*:*:						
cpe:2.3:a:hrwtoken_project:hrwtoken:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

← Previous ID

Next ID →