



CVE-2018-13155

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Source: Mitre

Source: NIST

CVE.ORG

Print: PDF

CVSS:30/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:N



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

The mintToken function of a smart contract implementation for GEMCHAIN (GEM), 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-2018-13155 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/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	Gemchain Project	Gemchain	-	All	All	All
Application	Gemchain Project	Gemchain	-	All	All	All
cpe:2.3:a:gemchain_project:gemchain:-:*:*:*:*:*:						
cpe:2.3:a:gemchain_project:gemchain:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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