

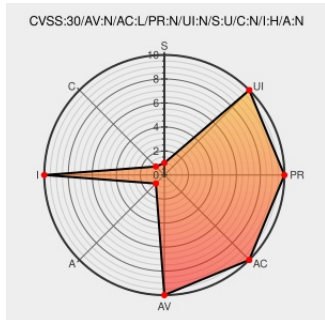


CVE-2018-12511

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CVE-2018-12511

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

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

In the mintToken function of a smart contract implementation for Substratum (SUB), an Ethereum ERC20 token, the administrator can control mintedAmount, leverage an integer overflow, and modify a user account's balance arbitrarily.

CVE-2018-12511 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
smart_contract_-vulnerability/PolyAi.md at master · n0pn0pn0p/smart_contract_-vulnerability · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/n0pn0pn0p/smart_contract_-vulnerability/blob/master/PolyAi.md

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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	Substratum	Substratum	-	All	All	All
Application	Substratum	Substratum	-	All	All	All
cpe:2.3:a:substratum:substratum:-:*:*:*:*:*:						
cpe:2.3:a:substratum:substratum:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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