



CVE-2018-14087

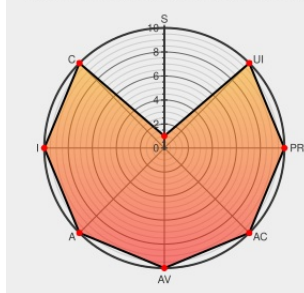
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



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

An issue was discovered in a smart contract implementation for EUC (EUC), an Ethereum token. The contract has an integer overflow. If the owner sets the value of buyPrice to a large number in setPrices() then the "msg.value * buyPrice" will cause an integer overflow in the fallback function.

CVE-2018-14087 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
blockchains/overflow2.md at master · hellowuzekai/blockchains · GitHub	Exploit Third Party Advisory github.com	MISC github.com/hellowuzekai/blockchains/blob/master/overflow2.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	Encryptedtoken Project	Encryptedtoken	-	All	All	All
Application	Encryptedtoken Project	Encryptedtoken	-	All	All	All
cpe:2.3:a:encryptedtoken_project:encryptedtoken:-:*:*:*:*:*:						
cpe:2.3:a:encryptedtoken_project:encryptedtoken:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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