

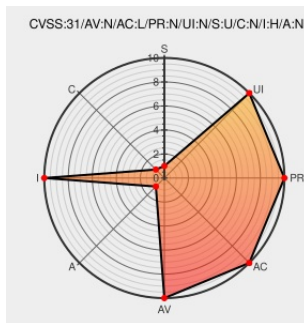


CVE-2018-19830

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CVE-2018-19830

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

Certain versions of [Business Alliance Financial Circle](#) from [Business Alliance Financial Circle Project](#) contain the following vulnerability:

The `UBSexToken()` function of a smart contract implementation for Business Alliance Financial Circle (BAFC), an tradable Ethereum ERC20 token, allows attackers to change the owner of the contract, because the function is public (by default) and does not check the caller's identity.

CVE-2018-19830 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
SmartContractSecurity/README.md at master · SmartContractResearcher/SmartContractSecurity · GitHub	Exploit Third Party Advisory github.com	MISC github.com/SmartContractResearcher/SmartContractSecurity/blob/rBased%20Smart%20Contracts(CVE-2018-19830%2C%20CVE-2018-19830)/README.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	Business Alliance Financial Circle Project	Business Alliance Financial Circle	-	All	All	All
Application	Business Alliance Financial Circle Project	Business Alliance Financial Circle	-	All	All	All
cpe:2.3:a:business_alliance_financial_circle_project:business_alliance_financial_circle:-:*:*:*:*:*:						
cpe:2.3:a:business_alliance_financial_circle_project:business_alliance_financial_circle:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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