CVE-2018-10299

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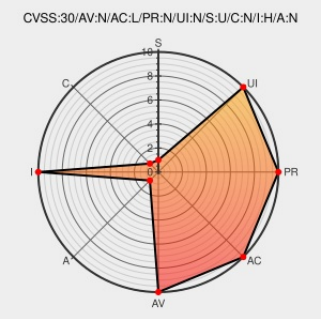

Certain versions of Beauty Ecosystem Coin from Beauty contain the following vulnerability:

An integer overflow in the batchTransfer function of a smart contract implementation for Beauty Ecosystem Coin (BEC), the Ethereum ERC20 token used in the Beauty Chain economic system, allows attackers to accomplish an unauthorized increase of digital assets by providing two _receivers arguments in conjunction with a large _value argument, as exploited in the wild in April 2018, aka the "batchOverflow" issue.

CVE-2018-10299 has been assigned by 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
A disastrous vulnerability found in smart contracts of BeautyChain (BEC)	Exploit Third Party Advisory	MISC medium.com/secbit-media/a-disastrous-vulnerability-found-in-smart-contracts-of-beautychain-bec-dbf24ddbc30e

	medium.com text/html	
PeckShield派盾 - 业界领先的区块链安全公司	Exploit Third Party Advisory peckshield.com text/html	MISC peckshield.com/2018/04/22/batchOverflow/
OKEx na Twitterze: "BeautyChain ($BEC) Withdrawal and Trading Suspended https://t.co/pgiZ17Yjf7… "	Third Party Advisory nitter.domain.glass text/html	MISC twitter.com/OKEx_/status/987967343983714304
No Description Provided	Third Party Advisory support.okex.com Inactive Link Not Archived	MISC support.okex.com/hc/en-us/articles/360002944212-BeautyChain-BEC-Withdrawal-and-Trading-Suspended
DASP - TOP 10	Exploit Third Party Advisory dasp.co text/html	MISC dasp.co/#item-3
OKEx ERC20 Bug : ethereum	Issue Tracking Third Party Advisory www.reddit.com text/html	MISC www.reddit.com/r/ethereum/comments/8esyg9/okex_erc20_bug/

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Beauty	Beauty Ecosystem Coin	-	All	All	All
Application	Beauty	Beauty Ecosystem Coin	-	All	All	All

cpe:2.3:a:beauty:beauty_ecosystem_coin:-:*:*:*:*:*:*:*:

cpe:2.3:a:beauty:beauty_ecosystem_coin:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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