

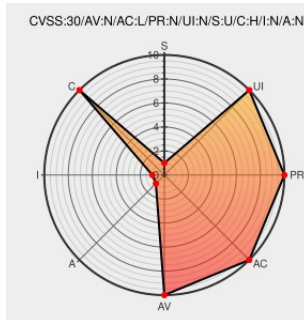


CVE-2018-17877

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CVE-2018-17877

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

Certain versions of [Greedy 599](#) from [Greedy599](#) contain the following vulnerability:

A lottery smart contract implementation for Greedy 599, an Ethereum gambling game, generates a random value that is predictable via an external contract call. The developer used the `extcodesize()` function to prevent a malicious contract from being called, but the attacker can bypass it by writing the core code in the constructor of their exploit code. Therefore, it allows attackers to always win and get rewards.

CVE-2018-17877 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	HIGH	NONE	NONE

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
CVE-LIST/CVE-2018-17877 at master · TEAM-C4B/CVE-LIST · GitHub	Exploit Third Party Advisory	MISC github.com/TEAM-C4B/CVE-LIST/tree/master/CVE-2018-17877

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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	Greedy599	Greedy 599	-	All	All	All
Application	Greedy599	Greedy 599	-	All	All	All
cpe:2.3:a:greedy599:greedy_599:-:*:*:*:*:*:						
cpe:2.3:a:greedy599:greedy_599:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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