



# CVE-2018-10705

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## CVE-2018-10705

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

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

The Owned smart contract implementation for Aurora DAO (AURA), an Ethereum ERC20 token, allows attackers to acquire contract ownership because the setOwner function is declared as public. An attacker can then conduct a lockBalances() denial of service attack.

CVE-2018-10705 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    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>NONE</b>         | <b>HIGH</b>         |

CVSS2 Score: **5 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>NONE</b>       | <b>PARTIAL</b>      |

## CVE References

| Description                 | Tags                                                                                                                           | Link                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| PeckShield派盾 - 业界领先的区块链安全公司 | <a href="#">Exploit</a><br><a href="#">Third Party Advisory</a><br><a href="#">peckshield.com</a><br><a href="#">text/html</a> | <a href="#">MISC peckshield.com/2018/05/03/ownerAnyone/</a> |

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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                           | <a href="#">Auroradao</a> | <a href="#">Aura</a> | -       | All    | All     | All      |
| Application                           | <a href="#">Auroradao</a> | <a href="#">Aura</a> | -       | All    | All     | All      |
| cpe:2.3:a:auroradao:aura:-:*:*:*:*:*: |                           |                      |         |        |         |          |
| cpe:2.3:a:auroradao:aura:-:*:*:*:*:*: |                           |                      |         |        |         |          |

No vendor comments have been submitted for this CVE

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