



# CVE-2018-13519

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## CVE-2018-13519

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Digital Cloud Token](#) from [Digital Cloud Token Project](#) contain the following vulnerability:

The mint function of a smart contract implementation for DigitalCloudToken, an Ethereum token, has an integer overflow that allows the owner of the contract to set the balance of an arbitrary user to any value.

CVE-2018-13519 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>HIGH</b>         | <b>NONE</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>PARTIAL</b>    | <b>NONE</b>         |

## CVE References

| Description                                                                        | Tags                                                                                            | Link                                                                                          |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| EtherTokens/DigitalCloudToken at master · BlockChainsSecurity/EtherTokens · GitHub | <a href="#">Third Party Advisory</a><br><a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/BlockChainsSecurity/EtherTokens/tree/master/DigitalCloudToken</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                                                            | Digital Cloud Token Project | Digital Cloud Token | -       | All    | All     | All      |
| Application                                                            | Digital Cloud Token Project | Digital Cloud Token | -       | All    | All     | All      |
| cpe:2.3:a:digital_cloud_token_project:digital_cloud_token:-:*:*:*:*:*: |                             |                     |         |        |         |          |
| cpe:2.3:a:digital_cloud_token_project:digital_cloud_token:-:*:*:*:*:*: |                             |                     |         |        |         |          |

No vendor comments have been submitted for this CVE

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