



# CVE-2018-13691

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## CVE-2018-13691

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Rtokenmain](#) from [Rtokenmain Project](#) contain the following vulnerability:

The mintToken function of a smart contract implementation for R Time Token v3 (RS) (Contract Name: RTokenMain), 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-2018-13691 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/RTokenMain 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/RTokenMain</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="#">Rtokenmain Project</a> | <a href="#">Rtokenmain</a> | -       | All    | All     | All      |
| Application                                          | <a href="#">Rtokenmain Project</a> | <a href="#">Rtokenmain</a> | -       | All    | All     | All      |
| cpe:2.3:a:rtokenmain_project:rtokenmain:-:*:*:*:*:*: |                                    |                            |         |        |         |          |
| cpe:2.3:a:rtokenmain_project:rtokenmain:-:*:*:*:*:*: |                                    |                            |         |        |         |          |

No vendor comments have been submitted for this CVE