# CVE-2019-1010176

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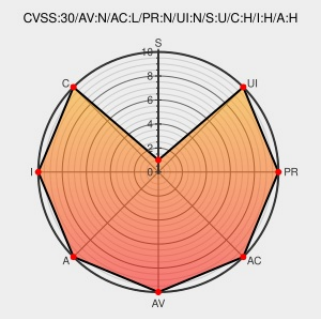
## CVE-2019-1010176

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF




Certain versions of Jerryscript from Jerryscript contain the following vulnerability:

JerryScript commit 4e58ccf68070671e1fff5cd6673f0c1d5b80b166 is affected by: Buffer Overflow. The impact is: denial of service and possibly arbitrary code execution. The component is: function lit_char_to_utf8_bytes (jerry-core/lit/lit-char-helpers.c:377). The attack vector is: executing crafted javascript code. The fixed version is: after commit 505dace719aebb3308a3af223cfaa985159efae0.

CVE-2019-1010176 has been assigned by cve-assign@distributedweaknessfiling.org to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **JerryScript** - **JerryScript** version **commit 4e58ccf68070671e1fff5cd6673f0c1d5b80b166 [fixed: after commit 505dace719aebb3308a3af223cfaa985159efae0] (as of 2018-09-14)**

### CVSS3 Score: 9.8 - CRITICAL

| Attack Vector | Attack Complexity | Privileges Required | User Interaction |
|---|---|---|---|
| NETWORK | LOW | NONE | NONE |
| **Scope** | **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| UNCHANGED | HIGH | HIGH | HIGH |

### CVSS2 Score: 7.5 - HIGH

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

### CVE References

| Description | Tags | Link |
| --- | --- | --- |
| Heap buffer overflow in lit_char_to_utf8_bytes · Issue #2476 · jerryscript-project/jerryscript · GitHub | Exploit<br>Patch<br>Third Party Advisory<br>github.com<br>text/html | MISC github.com/jerryscript-project/jerryscript/issues/2476 |



There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
| --- | --- | --- | --- | --- | --- | --- |
| Application | Jerryscript | Jerryscript | All | All | All | All |
| Application | Jerryscript | Jerryscript | All | All | All | All |

cpe:2.3:a:jerryscript:jerryscript:*:*:*:*:*:*:*:*:

cpe:2.3:a:jerryscript:jerryscript:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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Next ID→