

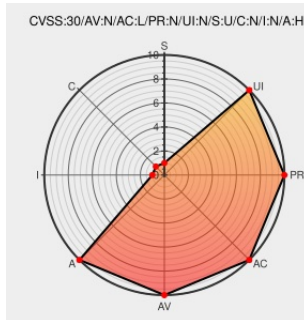


CVE-2017-16098

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CVE-2017-16098

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

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

charset 1.0.0 and below are vulnerable to regular expression denial of service. Input of around 50k characters is required for a slow down of around 2 seconds. Unless node was compiled using the -DHTTP_MAX_HEADER_SIZE= option the default header max length is 80kb, so the impact of the ReDoS is relatively low.

CVE-2017-16098 has been assigned by [h1 support@hackerone.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [h1 HackerOne](#) - **charset node module** version <1.0.0

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	NONE	NONE	HIGH

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
Overview	Third Party Advisory	S MISC nodesecurity.io/advisories/524

[nodesecurity.io](#)[text/html](#)

Vulnerable Regular Expression · Issue #10 · node-modules/charset · GitHub

[Exploit](#)[Third Party Advisory](#)[github.com](#)[text/html](#)

MISC github.com/node-modules/charset/issues/10

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Related QID Numbers

983921 Nodejs (npm) Security Update for charset (GHSA-9cp3-fh5x-xfcj)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Charset Project	Charset	All	All	All	All
Application	Charset Project	Charset	All	All	All	All
cpe:2.3:a:charset_project:charset:*:*:*:*:*:node.js:*:*						
cpe:2.3:a:charset_project:charset:*:*:*:*:*:node.js:*:*						

No vendor comments have been submitted for this CVE

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