

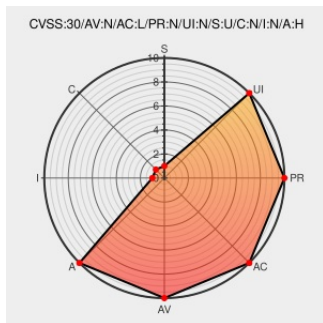


CVE-2016-10523

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CVE-2016-10523

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

Certain versions of [Mqtt-packet](#) from [Mqtt-packet Project](#) contain the following vulnerability:

MQTT before 3.4.6 and 4.0.x before 4.0.5 allows specifically crafted MQTT packets to crash the application, making a DoS attack feasible with very little bandwidth.

CVE-2016-10523 has been assigned by [h1 support@hackerone.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [h1 HackerOne](#) - [mqtt-packet node module](#) version <3.4.6 || > 4.0.0 <4.0.5

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 nodesecurity.io text/html	S MISC nodesecurity.io/advisories/75

Mosca crashes when connecting with TLS on MQTT Port · Issue #393 · moscajs/mosca · GitHub

Exploit

Third Party Advisory

github.com

text/html

MISC

github.com/mcollina/mosca/issues/393

Fixed crashing bug when parsing invalid messages by psorowka · Pull Request #8 · mqttjs/mqtt-packet · GitHub

Exploit

Third Party Advisory

github.com

text/html

MISC

github.com/mqttjs/mqtt-

packet/pull/8

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Related QID Numbers

983159 Nodejs (npm) Security Update for mqtt-packet (GHSA-g3r2-65gc-qpqc)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mqtt-packet Project	Mqtt-packet	All	All	All	All
Application	Mqtt-packet Project	Mqtt-packet	All	All	All	All
cpe:2.3:a:mqtt-packet_project:mqtt-packet:*:*:*:*:node.js:*:*:						
cpe:2.3:a:mqtt-packet_project:mqtt-packet:*:*:*:*:node.js:*:*:						

No vendor comments have been submitted for this CVE

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