CVE-2017-2909

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CVE-2017-2909

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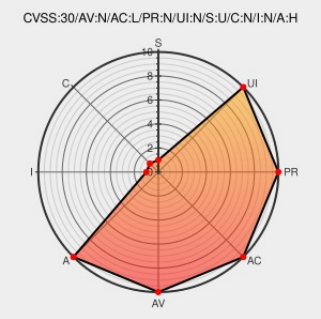

Certain versions of Mongoose from Cesanta contain the following vulnerability:

An infinite loop programming error exists in the DNS server functionality of Cesanta Mongoose 6.8 library. A specially crafted DNS request can cause an infinite loop resulting in high CPU usage and Denial Of Service. An attacker can send a packet over the network to trigger this vulnerability.

CVE-2017-2909 has been assigned by talos-cna@cisco.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Cesanta** - **Mongoose** version **6.8**

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: 7.8 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
TALOS-2017-0416 || Cisco Talos Intelligence Group -	Technical Description	MISC

Comprehensive Threat Intelligence	Third Party Advisory www.talosintelligence.com text/html	www.talosintelligence.com/vulnerability_reports/TALOS-2017-0416

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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	Cesanta	Mongoose	6.8	All	All	All
Application	Cesanta	Mongoose	6.8	All	All	All

cpe:2.3:a:cesanta:mongoose:6.8:*:*:*:*:*:*:*:

cpe:2.3:a:cesanta:mongoose:6.8:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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