



CVE-2019-18848

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[Source: Mitre](#)

[Source: NIST](#)

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Certain versions of [Debian Linux](#) from [Debian](#) contain the following vulnerability:

The json-jwt gem before 1.11.0 for Ruby lacks an element count during the splitting of a JWE string.

CVE-2019-18848 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
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	HIGH	NONE

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
[SECURITY] [DLA 2390-1] ruby-json-jwt security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20201001 [SECURITY] [DLA 2390-1] ruby-json-jwt security update
Comparing v1.10.2...v1.11.0 · nov/json-jwt · GitHub	Patch github.com	MISC github.com/nov/json-jwt/compare/v1.10.2...v1.11.0

[text/html](#)

explicitly specifying number of elements when splitting JWE string · nov/json-jwt@ada16e7 · GitHub

[Patch](#)
[github.com](#)
[text/html](#)

 MISC github.com/nov/json-jwt/commit/ada16e772906efdd035e3df49cb2ae372f0f948a

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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
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Json-jwt Project	Json-jwt	All	All	All	All
Application	Json-jwt Project	Json-jwt	All	All	All	All
cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:						
cpe:2.3:a:json-jwt_project:json-jwt:*:*:*:*:ruby:*:*:						
cpe:2.3:a:json-jwt_project:json-jwt:*:*:*:*:ruby:*:*:						

No vendor comments have been submitted for this CVE

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