CVE-2016-5430

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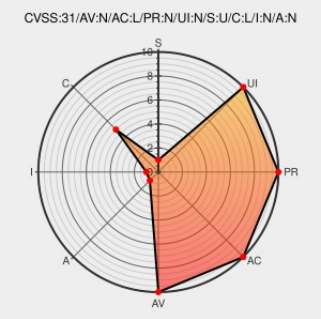

Certain versions of Jose-php from Jose-php Project contain the following vulnerability:

The RSA 1.5 algorithm implementation in the JOSE_JWE class in JWE.php in jose-php before 2.2.1 lacks the Random Filling protection mechanism, which makes it easier for remote attackers to obtain cleartext data via a Million Message Attack (MMA).

CVE-2016-5430 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.3 - MEDIUM

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

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link
Jose-PHP CVE-2016-5430 remote security Vulnerability	Third Party Advisory VDB Entry cve.report (archive) text/html	BID 92741

one more hash_equals, and better CEK decryption error handling · nov/jose-php@f03b986 · GitHub	Patch github.com text/html	CONFIRM github.com/nov/jose-php/commit/f03b986b4439e20b0fd635109b48afe96cf0099b#diff-37b0d289d6375ba4a7740401950ccdd6R199

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Jose-php Project	Jose-php	All	All	All	All
Application	Jose-php Project	Jose-php	All	All	All	All

cpe:2.3:a:jose-php_project:jose-php:*:*:*:*:*:*:*:*:

cpe:2.3:a:jose-php_project:jose-php:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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