CVE-2018-1000531

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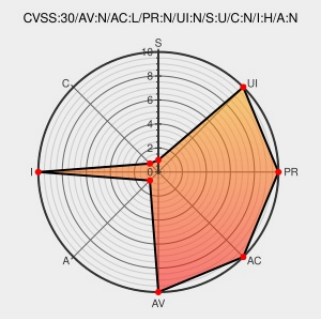

Certain versions of Prime-jwt from Inversoft contain the following vulnerability:

inversoft prime-jwt version prior to commit abb0d479389a2509f939452a6767dc424bb5e6ba contains a CWE-20 vulnerability in JWTDecoder.decode that can result in an incorrect signature validation of a JWT token. This attack can be exploitable when an attacker crafts a JWT token with a valid header using 'none' as algorithm and a body to requests it be validated. This vulnerability was fixed after commit abb0d479389a2509f939452a6767dc424bb5e6ba.

CVE-2018-1000531 has been assigned by 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
JWT signature validation can be bypassed in versions < 1.3.0 - Issue #3	Third Party Advisory	MISC

JWT signature validation can be bypassed in versions <= 1.3.0 · Issue #3 · FusionAuth/fusionauth-jwt · GitHub	Third Party Advisory github.com text/html	MISC github.com/inversoft/prime-jwt/issues/3

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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	Inversoft	Prime-jwt	All	All	All	All

cpe:2.3:a:inversoft:prime-jwt:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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