

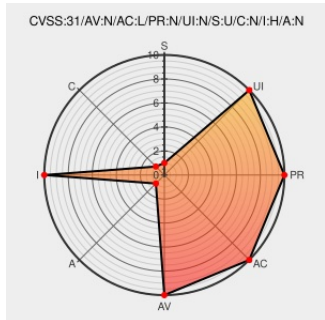


CVE-2020-36255

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CVE-2020-36255

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

Certain versions of [Identitymodel](#) from [Identitymodel Project](#) contain the following vulnerability:

An issue was discovered in IdentityModel (aka ScottBrady.IdentityModel) before 1.3.0. The Branca implementation allows an attacker to modify and forge authentication tokens.

CVE-2020-36255 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
Poly1305 key misuse - attackers can forge authenticated tokens · Issue #3 · scottbrady91/IdentityModel · GitHub	Broken Link Issue Tracking Third Party Advisory github.com text/html	MISC github.com/scottbrady91/IdentityModel/issues/3

Comparing 1.2.0...1.3.0 · scottbrady91/IdentityModel · GitHub

Patch

Release Notes

Third Party Advisory

github.com

text/html

MISC

github.com/scottbrady91/IdentityModel/compare/1.2.0...1.3.0

Unauthenticated ciphertext - attackers can modify tokens · Issue #4 · scottbrady91/IdentityModel · GitHub

Broken Link

Issue Tracking

Third Party Advisory

github.com

text/html

MISC

github.com/scottbrady91/IdentityModel/issues/4

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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	Identitymodel Project	Identitymodel	All	All	All	All
Application	Identitymodel Project	Identitymodel	All	All	All	All

cpe:2.3:a:identitymodel_project:identitymodel:*:*:*:*:*:

cpe:2.3:a:identitymodel_project:identitymodel:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

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