

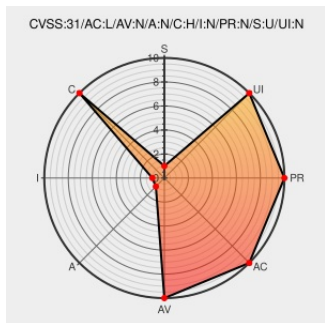


CVE-2020-26160

Published on: 09/30/2020 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

CVE-2020-26160

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

Certain versions of [Jwt-go](#) from [Jwt-go Project](#) contain the following vulnerability:

jwt-go before 4.0.0-preview1 allows attackers to bypass intended access restrictions in situations with `[]string{} for m["aud"]` (which is allowed by the specification). Because the type assertion fails, "" is the value of aud. This is a security problem if the JWT token is presented to a service that lacks its own audience check.

CVE-2020-26160 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	HIGH	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
Access Restriction Bypass in github.com/dgrijalva/jwt-go Snky	Third Party Advisory snyk.io text/html	MISC snyk.io/vuln/SNYK-GOLANG-GITHUBCOMDGRIJALVAJWTGO-596515

Fix sec vuln with list of claims by Waterdrips · Pull Request
#426 · dgrijalva/jwt-go · GitHub

Patch

Third Party Advisory

github.com

text/html

MISC github.com/dgrijalva/jwt-go/pull/426

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Related QID Numbers

[501854](#) Alpine Linux Security Update for gitea

[981838](#) Go (go) Security Update for github.com/dgrijalva/jwt-go (GHSA-w73w-5m7g-f7qc)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Jwt-go Project	Jwt-go	All	All	All	All
cpe:2.3:a:jwt-go_project:jwt-go:*****:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @k1LoW	はてなブログに投稿しました #はてなブログ メンテナンスが終了している github.com/dgrijalva/jwt-go の脆弱性CVE-2020-26160に対応する - Copy/Cut/Paste/Hatena k1low.hatenablog.com/entry/2021/09/...	2021-09-05 08:31:28
 @sitikantha2018	@andygrunwald The dependency " github.com/dgrijalva/jwt-go ..." has a vulnerability, CVE-2020-26160. It would be good to upd... twitter.com/i/web/status/1...	2021-09-28 19:01:58

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