CVE-2020-26254

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CVE-2020-26254 - advisory for GHSA-49r3-2549-3633

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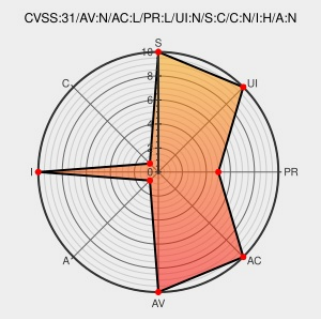

Certain versions of Omniauth-apple from Omniauth-apple Project contain the following vulnerability:

omniauth-apple is the OmniAuth strategy for "Sign In with Apple" (RubyGem omniauth-apple). In omniauth-apple before version 1.0.1 attackers can fake their email address during authentication. This vulnerability impacts applications using the omniauth-apple strategy of OmniAuth and using the info.email field of OmniAuth's Auth Hash Schema for any kind of identification. The value of this field may be set to any value of the attacker's choice including email addresses of other users. Applications not using info.email for identification but are instead using the uid field are not impacted in the same manner. Note, these applications may still be negatively affected if the value of info.email is being used for other purposes. Applications using affected versions of omniauth-apple are advised to upgrade to omniauth-apple version 1.0.1 or later.

CVE-2020-26254 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **nhosoya** - **omniauth-apple** version **< 1.0.1**

CVSS3 Score: 7.7 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
CHANGED	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
omniauth-apple/CHANGELOG.md at master · nhosoya/omniauth-apple · GitHub	Release Notes, Third Party Advisory, github.com, text/html	MISC github.com/nhosoya/omniauth-apple/blob/master/CHANGELOG.md#101---2020-12-03
Use only verified email address to prevent fake email address · nhosoya/omniauth-apple@b37d540 · GitHub	Patch, Third Party Advisory, github.com, text/html	MISC github.com/nhosoya/omniauth-apple/commit/b37d5409213adae2ca06a67fec14c8d3d07d9016
Vulnerability allows attacker to fake their email address during authentication · Advisory · nhosoya/omniauth-apple · GitHub	Exploit, Mitigation, Third Party Advisory, github.com, text/html	CONFIRM github.com/nhosoya/omniauth-apple/security/advisories/GHSA-49r3-2549-3633

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Omniauth-apple Project	Omniauth-apple	All	All	All	All
Application	Omniauth-apple Project	Omniauth-apple	All	All	All	All

cpe:2.3:a:omniauth-apple_project:omniauth-apple:*:*:*:*:*:ruby:*:*:

cpe:2.3:a:omniauth-apple_project:omniauth-apple:*:*:*:*:*:ruby:*:*:

No vendor comments have been submitted for this CVE

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