CVE-2022-29229

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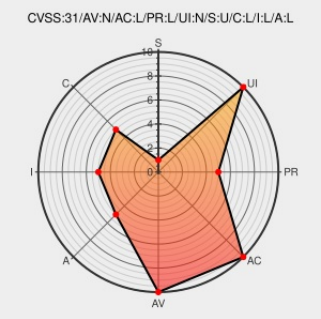
CVE-2022-29229 - advisory for GHSA-7qcx-4p32-qcmx

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Competency And Skills System from Cassproject contain the following vulnerability:

CaSS is a Competency and Skills System. CaSS Library, (npm:cassproject) has a missing cryptographic step when storing cryptographic keys that can allow a server administrator access to an account's cryptographic keys. This affects CaSS servers using standalone username/password authentication, which uses a method that expects e2e cryptographic security of authorization credentials. The issue has been patched in 1.5.8, however, the vulnerable accounts are only resecured when the user next logs in using standalone authentication, as the data required to resecure the account is not available to the server. The issue may be mitigated by using SSO or client side certificates to log in. Please note that SSO and client side certificate authentication does not have this expectation of no-knowledge credential access, and cryptographic keys are available to the server administrator.

CVE-2022-29229 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **cassproject** - **CASS** version **< 1.5.8**

CVSS3 Score: 7.2 - HIGH

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

CVSS2 Score: 6.5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE

Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Release 1.5.8: Merge remote-tracking branch 'origin/dependabot/npm_and_yarn/async-2.… · cassproject/CASS · GitHub	github.com text/html	MISC github.com/cassproject/CASS/releases/tag/1.5.8
Missing Cryptographic Step in cassproject · Advisory · cassproject/CASS · GitHub	github.com text/html	CONFIRM github.com/cassproject/CASS/security/advisories/GHSA-7qcx-4p32-qcmx

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Cassproject	Competency And Skills System	All	All	All	All
Application	Cassproject	Competency And Skills System	All	All	All	All

cpe:2.3:a:cassproject:competency_and_skills_system:*:*:*:*:*:docker:*:*

cpe:2.3:a:cassproject:competency_and_skills_system:*:*:*:*:*:node.js:*:*

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-29229 : CaSS is a Competency and Skills System. CaSS Library, npm:cassproject has a missing cryptographi… twitter.com/i/web/status/1…	2022-05-18 21:01:12
@LinInfoSec	Npm - CVE-2022-29229: github.com/cassproject/CA…	2022-05-18 23:01:12
/r/netcve	CVE-2022-29229	2022-05-18 21:38:36

← Previous ID

Next ID→

CVE.report and Source URL Uptime Status status.cve.report