CVE-2021-4295

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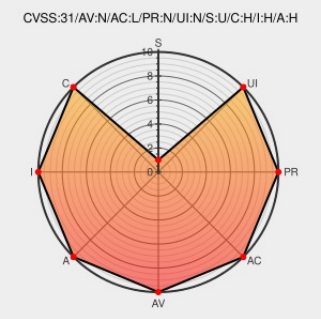
CVE-2021-4295

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



Certain versions of Code-validator-api from Healthit contain the following vulnerability:

A vulnerability classified as problematic was found in ONC code-validator-api up to 1.0.30. This vulnerability affects the function vocabularyValidationConfigurations of the file src/main/java/org/sitenv/vocabularies/configuration/CodeValidatorApiConfiguration.java of the component XML Handler. The manipulation leads to xml external entity reference. Upgrading to version 1.0.31 is able to address this issue. The name of the patch is fbd8ea121755a2d3d116b13f235bc8b61d8449af. It is recommended to upgrade the affected component. VDB-217018 is the identifier assigned to this vulnerability.

CVE-2021-4295 has been assigned by cna@vuldb.com to track the vulnerability - currently rated as CRITICAL severity.

CVSS3 Score: 9.8 - CRITICAL

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

CVE References

Description	Tags	Link
CVE-2021-4295 | ONC code-validator-api XML CodeValidatorApiConfiguration.java vocabularyValidationConfigurations xml external entity reference (ID 97)	vuldb.com text/html Inactive Link Not Archived	MISC vuldb.com/?ctiid.217018
CVE-2021-4295 | ONC code-validator-api XML CodeValidatorApiConfiguration.java vocabularyValidationConfigurations xml external	vuldb.com text/html Inactive Link Not Archived	MISC vuldb.com/?id.217018

entity reference (ID 97)

Merge pull request #97 from radiovideo/XXE-vulnerability-fix · onc-healthit/code-validator-api@fbd8ea1 · GitHub	github.com text/html	MISC github.com/onc-healthit/code-validator-api/commit/fbd8ea121755a2d3d116b13f235bc8b61d8449af
Release SITE 3.1.50 · onc-healthit/code-validator-api · GitHub	github.com text/html	MISC github.com/onc-healthit/code-validator-api/releases/tag/1.0.31
Fix DocumentBuilderFactory XXE vulnerability by radiovideo · Pull Request #97 · onc-healthit/code-validator-api · GitHub	github.com text/html	MISC github.com/onc-healthit/code-validator-api/pull/97

There are currently no QIDs associated with this CVE

Exploit/POC from Github

A vulnerability classified as problematic was found in ONC code-validator-api up to 1.0.30. This vulnerability affect…

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Healthit	Code-validator-api	All	All	All	All

cpe:2.3:a:healthit:code-validator-api:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
/r/netcve	CVE-2021-4295	2022-12-29 09:38:19

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