CVE-2021-44557

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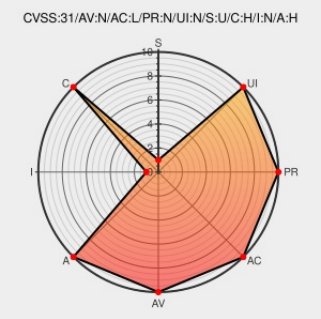

Certain versions of Multiner from Kb contain the following vulnerability:

National Library of the Netherlands multiNER <= c0440948057afc6e3d6b4903a7c05e666b94a3bc is affected by an XML External Entity (XXE) vulnerability in multiNER/ner.py. Since XML parsing resolves external entities, a malicious XML stream could leak internal files and/or cause a DoS.

CVE-2021-44557 has been assigned by cve@mitre.org to track the vulnerability - currently rated as CRITICAL severity.

CVSS3 Score: 9.1 - CRITICAL

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

CVSS2 Score: 6.4 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	PARTIAL

CVE References

Description	Tags	Link
Disable entities while parsing XML by jorgectf · Pull Request #3 · KBNLresearch/multiNER · GitHub	github.com text/html	MISC github.com/KBNLresearch/multiNER/pull/3
GitHub - KBNLresearch/multiNER: Multiple NER-tool's combined in one output. Incovating mutliple NER-engine's in parallel.	github.com text/html	MISC github.com/KBNLresearch/multiNER

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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	Kb	Multiner	All	All	All	All

cpe:2.3:a:kb:multiner:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-44557 : National Library of the Netherlands multiNER <= c0440948057afc6e3d6b4903a7c05e666b94a3bc is affect… twitter.com/i/web/status/1…	2021-12-08 12:05:27
@Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-44557 Description: National Library of the Netherlands multiNER <= c044… twitter.com/i/web/status/1…	2021-12-08 13:00:08
/r/netcve	CVE-2021-44557	2021-12-08 12:38:44

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