

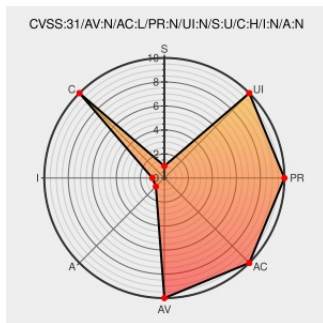


CVE-2022-31471

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CVE-2022-31471

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

Certain versions of [Untangle](#) from [Untangle Project](#) contain the following vulnerability:

untangle is a python library to convert XML data to python objects. untangle versions 1.2.0 and earlier improperly restricts XML external entity references. By exploiting this vulnerability, a remote unauthenticated attacker may read the contents of local files.

CVE-2022-31471 has been assigned by [vultures@jpcert.or.jp](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Christian Stefanescu](#) - **untangle** version **1.2.0 and earlier**

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

CVE References

Description	Tags	Link
GitHub - stchris/untangle: Converts XML to Python objects	github.com text/html	MISC github.com/stchris/untangle
JVN#30454777: Multiple vulnerabilities in untangle	jvn.jp text/xml	MISC jvn.jp/en/jp/JVN30454777/
Release 1.2.1 · stchris/untangle · GitHub	github.com text/html	MISC github.com/stchris/untangle/releases/tag/1.2.1

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Related QID Numbers

[184523](#) Debian Security Update for python-untangle (CVE-2022-31471)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Untangle Project	Untangle	All	All	All	All
cpe:2.3:a:untangle_project:untangle.*.*.*.*:python.*.*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-31471 : untangle is a python library to convert XML data to python objects. untangle versions 1.2.0 and ea... twitter.com/i/web/status/1...	2022-07-26 05:16:24
 @LinInfoSec	Python - CVE-2022-31471: jvn.jp/en/jp/JVN30454...	2022-07-26 11:00:16
 /r/netcve	CVE-2022-31471	2022-07-26 05:38:08

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