

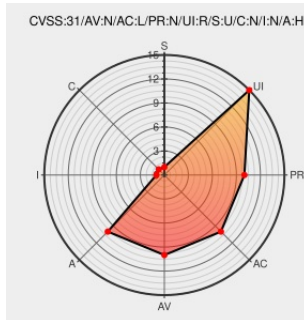


CVE-2019-20007

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CVE-2019-20007

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

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

An issue was discovered in ezXML 0.8.2 through 0.8.6. The function `ezxml_str2utf8`, while parsing a crafted XML file, performs zero-length reallocation in `ezxml.c`, leading to returning a NULL pointer (in some compilers). After this, the function `ezxml_parse_str` does not check whether the `s` variable is not NULL in `ezxml.c`, leading to a NULL pointer dereference and crash (segmentation fault).

CVE-2019-20007 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
ezXML / Bugs / #13 NULL pointer deference (ezxml_parse_str)	Exploit Third Party Advisory	MISC sourceforge.net/p/ezxml/bugs/13/

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Related QID Numbers

- [751404](#) OpenSUSE Security Update for netcdf (openSUSE-SU-2021:3805-1)
- [751405](#) OpenSUSE Security Update for netcdf (openSUSE-SU-2021:3804-1)
- [751407](#) OpenSUSE Security Update for netcdf (openSUSE-SU-2021:1505-1)
- [751409](#) OpenSUSE Security Update for netcdf (openSUSE-SU-2021:3815-1)
- [751439](#) OpenSUSE Security Update for netcdf (openSUSE-SU-2021:3873-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ezxml Project	Ezxml	All	All	All	All
cpe:2.3:a:ezxml_project:ezxml:*****::						

No vendor comments have been submitted for this CVE

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