



CVE-2021-28026

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

Certain versions of [Jpeg-xl](#) from [Jpeg](#) contain the following vulnerability:

jpeg-xl v0.3.2 is affected by a heap buffer overflow in `/lib/jxl/coeff_order.cc ReadPermutation`. When decoding a malicious jxl file using `djxl`, an attacker can trigger arbitrary code execution or a denial of service.

CVE-2021-28026 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

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

CVE References

Description	Tags	Link
[Security]Heap-buffer-overflow issue with djxl decode routine (#163) · Issues · jpeg / JPEG XL Reference Software · GitLab	Exploit Issue Tracking Third Party Advisory gitlab.com text/html	MISC gitlab.com/wg1/jpeg-xl/-/issues/163

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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	Jpeg	Jpeg-xl	0.3.2	All	All	All
Application	Jpeg	Jpeg-xl	0.3.2	All	All	All
cpe:2.3:a:jpeg:jpeg-xl:0.3.2:*:*:*:*:*:						
cpe:2.3:a:jpeg:jpeg-xl:0.3.2:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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