



# CVE-2017-18005

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2017-18005
<b>State</b>	PUBLISHED
<b>Assigner</b>	mitre
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-12-31 19:29:00 UTC
<b>Updated</b>	2025-04-20 01:37:25 UTC
<b>Description</b>	Exiv2 0.26 has a Null Pointer Dereference in the Exiv2::DataValue::toLong function in value.cpp, related to crafted metadata

## Risk And Classification

**Primary CVSS:** v3.1 5.5 MEDIUM from nvd@nist.gov

**CVSS:** 3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

**Problem Types:** CWE-476 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:N/I:N/A:P

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

### CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

AV:N/AC:M/Au:N/C:N/I:N/A:P

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Application	Exiv2	Exiv2	0.26	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

### References

Reference	Source
[SECURITY] [DLA 3265-1] exiv2 security update	af854a3a-21:
CVE-2017-18005: NULL Pointer Dereference while extracting metadata of a malformed tiff · Issue #168 · Exiv2/exiv2 · GitHub	af854a3a-21:
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

181464 Debian Security Update for exiv2 (DLA 3265-1)

[940399](#) AlmaLinux Security Update for exiv2 (ALSA-2020:1577)

[960313](#) Rocky Linux Security Update for exiv2 (RLSA-2020:1577)

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