



CVE-2017-11591

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2017-11591
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-07-24 01:29:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	There is a Floating point exception in the Exiv2::ValueType function in Exiv2 0.26 that will lead to a remote denial of service

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from nvd@nist.gov

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

Problem Types: NVD-CWE-noinfo | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	5		AV:N/AC:L/Au:N/C:N/I:N/A:P

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
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	Link
[SECURITY] [DLA 3265-1] exiv2 security update	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org
1473888 – There is a Floating point exception in Exiv2::ValueType of exiv2.	af854a3a-2127-422b-91ae-364da2661108	bugzilla.redhat.co
USN-3852-1: Exiv2 vulnerabilities Ubuntu security notices	af854a3a-2127-422b-91ae-364da2661108	usn.ubuntu.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

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

[752916](#) SUSE Enterprise Linux Security Update for exiv2-0_26 (SUSE-SU-2022:4208-1)

[752954](#) SUSE Enterprise Linux Security Update for exiv2 (SUSE-SU-2022:4276-1)

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