



# CVE-2018-7731

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2018-7731  |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | cve@mitre.org  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2018-03-06 18:29:00 UTC  |
| <b>Updated</b>         | 2023-11-07 03:01:00 UTC  |
| <b>Description</b>     | An issue was discovered in Exempi through 2.4.4. XMPFiles/source/FormatSupport/WEBP_Support.cpp does not check w |

## Risk And Classification

**Problem Types:** CWE-476

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                         | Product                      | Version | Update | Edition | Language |
|------------------|--------------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Canonical</a>      | <a href="#">Ubuntu Linux</a> | 14.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a>      | <a href="#">Ubuntu Linux</a> | 16.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a>      | <a href="#">Ubuntu Linux</a> | 17.10   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a>      | <a href="#">Ubuntu Linux</a> | 14.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a>      | <a href="#">Ubuntu Linux</a> | 16.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a>      | <a href="#">Ubuntu Linux</a> | 17.10   | All    | All     | All      |
| Application      | <a href="#">Exempi Project</a> | <a href="#">Exempi</a>       | All     | All    | All     | All      |

## References

| Reference  |
|--|
| USN-3668-1: Exempi vulnerabilities   Ubuntu security notices   |
| [SECURITY] Fedora 33 Update: python-msldap-0.3.15-1.fc33 - package-announce - Fedora Mailing-Lists   |
| 105247 – (CVE-2018-7731) NULL pointer dereference in WEBP::VP8XChunk::VP8XChunk() of exempi 2.4.4  |
| [SECURITY] Fedora 33 Update: python-msldap-0.3.15-1.fc33 - package-announce - Fedora Mailing-Lists   |
| exempi - Exempi 2.0. XMP metadata handling library based on Adobe XMP reference implementation. (mirrored from <a href="https://gitlab.freedesktop.org/exempi/exempi">https://gitlab.freedesktop.org/exempi/exempi</a> ) |
| CVE Program record   |
| NVD vulnerability detail   |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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