



# CVE-2018-20481

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2018-20481
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-12-26 04:29:00 UTC
<b>Updated</b>	2020-07-23 12:15:00 UTC
<b>Description</b>	XRef::getEntry in XRef.cc in Poppler 0.72.0 mishandles unallocated XRef entries, which allows remote attackers to cause a

## 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>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.10	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>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.10	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Application	<a href="#">Freedesktop</a>	<a href="#">Poppler</a>	0.72.0	All	All	All
Application	<a href="#">Freedesktop</a>	<a href="#">Poppler</a>	0.72.0	All	All	All

## References

### Reference

Red Hat Customer Portal

Do not try to parse into unallocated XRef entry and return pointer to dummy entry instead. (!143) · Merge Requests · poppler / poppler · GitLab

USN-3865-1: poppler vulnerabilities | Ubuntu security notices

Red Hat Customer Portal

[SECURITY] [DLA 1706-1] poppler security update

Poppler CVE-2018-20481 Denial of Service Vulnerability

[SECURITY] [DLA 2287-1] poppler security update

null pointer dereference in XRef::getEntry (#692) · Issues · poppler / poppler · GitLab

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[377321](#) Alibaba Cloud Linux Security Update for poppler (ALINUX2-SA-2019:0096)

[751420](#) SUSE Enterprise Linux Security Update for poppler (SUSE-SU-2021:3854-1)

[751427](#) OpenSUSE Security Update for poppler (openSUSE-SU-2021:3854-1)

[754197](#) SUSE Enterprise Linux Security Update for poppler (SUSE-SU-2023:2907-1)

[754198](#) SUSE Enterprise Linux Security Update for poppler (SUSE-SU-2023:2906-1)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status** [status.cve.report](#)