



CVE-2019-7310

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

Summary

| | |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| CVE | CVE-2019-7310 |
| State | PUBLIC |
| Assigner | cve@mitre.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2019-02-03 03:29:00 UTC |
| Updated | 2023-11-07 03:13:00 UTC |
| Description | In Poppler 0.73.0, a heap-based buffer over-read (due to an integer signedness error in the XRef::getEntry function in XRef |

Risk And Classification

Problem Types: CWE-125 | CWE-681

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 | 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 | 8.0 | All | All | All |
| Operating System | Debian | Debian Linux | 9.0 | All | All | All |
| Operating System | Debian | Debian Linux | 8.0 | All | All | All |
| Operating System | Fedoraproject | Fedora | 28 | All | All | All |
| Operating System | Fedoraproject | Fedora | 28 | All | All | All |
| Application | Freedesktop | Poppler | 0.73.0 | All | All | All |
| Application | Freedesktop | Poppler | 0.73.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux | 8.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Desktop | 7.0 | All | All | All |

| | | | | | | |
|------------------|------------------------|----------------------------------------------|-----|-----|-----|-----|
| Operating System | Redhat | Enterprise Linux Eus | 8.1 | All | All | All |
| Operating System | Redhat | Enterprise Linux Eus | 8.2 | All | All | All |
| Operating System | Redhat | Enterprise Linux Eus | 8.4 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server | 7.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server Aus | 8.2 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server Aus | 8.4 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server Tus | 8.2 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server Tus | 8.4 | All | All | All |
| Operating System | Redhat | Enterprise Linux Workstation | 7.0 | All | All | All |

References

| Reference | Source | Link |
|-------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------|
| 12797 - oss-fuzz - OSS-Fuzz: Fuzzing the planet - Monorail | MISC | bugs.chromium.org |
| Poppler 'XRef.cc' Heap Buffer Overflow Vulnerability | BID | www.securityfocus.com |
| Red Hat Customer Portal | REDHAT | access.redhat.com |
| USN-3886-1: poppler vulnerabilities Ubuntu security notices Ubuntu | UBUNTU | usn.ubuntu.com |
| Red Hat Customer Portal | REDHAT | access.redhat.com |
| [SECURITY] Fedora 28 Update: poppler-0.62.0-16.fc28 - package-announce - Fedora Mailing-Lists | | lists.fedoraproject.org |
| [SECURITY] [DLA 1706-1] poppler security update | MLIST | lists.debian.org |
| [SECURITY] Fedora 28 Update: poppler-0.62.0-16.fc28 - package-announce - Fedora Mailing-Lists | FEDORA | lists.fedoraproject.org |
| Heap buffer overflow in XRef::getEntry due to integer overflow (#717) · Issues · poppler / poppler · GitLab | MISC | gitlab.freedesktop.org |
| [SECURITY] [DLA 2440-1] poppler security update | MLIST | lists.debian.org |
| 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

- [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)
- [752145](#) SUSE Enterprise Linux Security Update for poppler (SUSE-SU-2022:1723-1)
- [752148](#) SUSE Enterprise Linux Security Update for poppler (SUSE-SU-2022:1724-1)
- [754197](#) SUSE Enterprise Linux Security Update for poppler (SUSE-SU-2023:2907-1)

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