



CVE-2018-10887

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Summary

| | |
|------------------------|---|
| CVE | CVE-2018-10887 |
| State | PUBLIC |
| Assigner | secalert@redhat.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2018-07-10 14:29:00 UTC |
| Updated | 2023-11-07 02:51:00 UTC |
| Description | A flaw was found in libgit2 before version 0.27.3. It has been discovered that an unexpected sign extension in git_delta_ap |

Risk And Classification

Problem Types: CWE-125 | CWE-190 | CWE-681

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|---------|--------------|---------|--------|---------|----------|
| 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 |
| Application | Libgit2 | Libgit2 | All | All | All | All |
| Application | Libgit2 | Libgit2 | All | All | All | All |

References

Reference

- Release libgit2 v0.27.3 · libgit2/libgit2 · GitHub
- [SECURITY] [DLA 2936-1] libgit2 security update
- [SECURITY] [DLA 1477-1] libgit2 security update
- delta: fix overflow when computing limit · libgit2/libgit2@c157711 · GitHub
- delta: fix sign-extension of big left-shift · libgit2/libgit2@3f46190 · GitHub
- 1598021 – (CVE-2018-10887) CVE-2018-10887 libgit2: integer overflow leads to out-of-bounds read in git_delta_apply, allowing to read before
- CVE Program record
- NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

179136 Debian Security Update for libgit2 (DLA 2936-1)

501036 Alpine Linux Security Update for libgit2

501601 Alpine Linux Security Update for libgit2-1.0

502110 Alpine Linux Security Update for libgit2-1.1

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