



CVE-2018-20623

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

Summary

| | |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| CVE | CVE-2018-20623 |
| State | PUBLIC |
| Assigner | cve@mitre.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2018-12-31 19:29:00 UTC |
| Updated | 2019-10-31 01:15:00 UTC |
| Description | In GNU Binutils 2.31.1, there is a use-after-free in the error function in elfcomm.c when called from the process_archive fun |

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|-------------|---------------------|--------------------------|---------|--------|---------|----------|
| Application | Gnu | Binutils | 2.31.1 | All | All | All |
| Application | Gnu | Binutils | 2.31.1 | All | All | All |

References

| Reference | Source | Link | Tags |
|-------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------|------------------------|
| support.f5.com/csp/article/K38336243 | CONFIRM | support.f5.com | Third Party Advisory |
| USN-4336-1: GNU binutils vulnerabilities Ubuntu security notices | UBUNTU | usn.ubuntu.com | |
| [security-announce] openSUSE-SU-2019:2415-1: moderate: Security update f | SUSE | lists.opensuse.org | |
| 24049 – heap-use-after-free in readelf | MISC | sourceware.org | Exploit, Issue Trackin |
| [security-announce] openSUSE-SU-2019:2432-1: moderate: Security update f | SUSE | lists.opensuse.org | |
| GNU Binutils CVE-2018-20623 Heap Based Buffer Overflow Vulnerability | BID | www.securityfocus.com | Third Party Advisory, |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |

No vendor comments have been submitted for this CVE.

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

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