



# CVE-2016-8568

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

## Summary

<b>CVE</b>	CVE-2016-8568
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-02-03 15:59:00 UTC
<b>Updated</b>	2023-11-07 02:36:00 UTC
<b>Description</b>	The git_commit_message function in oid.c in libgit2 before 0.24.3 allows remote attackers to cause a denial of service (out-

## Risk And Classification

### Problem Types: CWE-125

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	23	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	24	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	25	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	23	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	24	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	25	All	All	All
Application	<a href="#">Libgit2 Project</a>	<a href="#">Libgit2</a>	All	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	42.1	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	42.2	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	42.1	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	42.2	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Opensuse</a>	13.2	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Opensuse</a>	13.2	All	All	All
Operating System	<a href="#">Suse</a>	<a href="#">Linux Enterprise</a>	12.0	All	All	All
Operating System	<a href="#">Suse</a>	<a href="#">Linux Enterprise</a>	12.0	All	All	All

## References

Reference	Source	Link
Read out-of-bounds in git_oid_nfmt · Issue #3936 · libgit2/libgit2 · GitHub	CONFIRM	<a href="https://github.com">github.com</a>
[SECURITY] Fedora 25 Update: libgit2-0.24.2-2.fc25 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
openSUSE-SU-2016:3097-1: moderate: Security update for libgit2	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>
Release libgit2 v0.24.3 Maintenance Release · libgit2/libgit2 · GitHub	CONFIRM	<a href="https://github.com">github.com</a>
openSUSE-SU-2017:0184-1: moderate: Security update for libgit2	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>
openSUSE-SU-2017:0208-1: moderate: Security update for libgit2	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>
[SECURITY] Fedora 24 Update: libgit2-0.24.2-2.fc24 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 25 Update: libgit2-0.24.2-2.fc25 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
oss-security - Re: CVE request: invalid memory accesses parsing object files in libgit2	MLIST	<a href="http://www.openwall.com">www.openwall.com</a>
libgit2 CVE-2016-8568 Out-of-Bounds Read Denial of Service Vulnerability	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>
openSUSE-SU-2017:0195-1: moderate: Security update for libgit2	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>
[SECURITY] Fedora 23 Update: libgit2-0.23.4-2.fc23 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 23 Update: libgit2-0.23.4-2.fc23 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 24 Update: libgit2-0.24.2-2.fc24 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
Bug 1383211 – CVE-2016-8568 CVE-2016-8569 libgit2: Invalid memory accesses parsing object files	CONFIRM	<a href="https://bugzilla.redhat.com">bugzilla.redhat.com</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

#### Legacy QID Mappings

[501034](#) Alpine Linux Security Update for libgit2

[501599](#) Alpine Linux Security Update for libgit2-1.0

[502108](#) Alpine Linux Security Update for libgit2-1.1

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