



# CVE-2017-7778

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2017-7778
<b>State</b>	PUBLIC
<b>Assigner</b>	security@mozilla.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-06-11 21:29:00 UTC
<b>Updated</b>	2018-08-13 17:14:00 UTC
<b>Description</b>	A number of security vulnerabilities in the Graphite 2 library including out-of-bounds reads, buffer overflow reads and writes

## Risk And Classification

**Problem Types:** [CWE-119](#) | [CWE-125](#) | [CWE-787](#)

## NVD Known Affected Configurations (CPE 2.3)


Type	Vendor	Product	Version	Update	Edition	Language
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>	9.0	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>	9.0	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Thunderbird</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Thunderbird</a>	All	All	All	All
Application	<a href="#">Sil</a>	<a href="#">Graphite2</a>	All	All	All	All
Application	<a href="#">Sil</a>	<a href="#">Graphite2</a>	All	All	All	All

## References

### Reference

1355174 - (CVE-2017-7774) Graphite2: out of bounds read [[@ graphite2::Silf::readGraphite](#)]

[Graphite: Multiple vulnerabilities \(GLSA 201710-13\) — Gentoo security](#)

1352747 - (CVE-2017-7773) Graphite2 heap-buffer-overflow write [@ lz4::decompress] src/Decompressor.cpp:90
Mozilla Firefox Multiple Bugs Let Remote Users Spoof URLs, Obtain Potentially Sensitive Information, and Execute Arbitrary Code and Let Lo
Debian -- Security Information -- DSA-3894-1 graphite2
Mozilla Firefox Multiple Security Vulnerabilities
Security vulnerabilities fixed in Thunderbird 52.2 — Mozilla
Red Hat Customer Portal
Debian -- Security Information -- DSA-3881-1 firefox-esr
1350047 - (CVE-2017-7771) Graphite2: out of bounds read [@ graphite2::Pass::readPass]
Red Hat Customer Portal
Security vulnerabilities fixed in Firefox ESR 52.2 — Mozilla
1358551 - (CVE-2017-7777) Graphite2: use of uninitialized memory [@ graphite2::GlyphCache::Loader::read_glyph]
Red Hat Customer Portal
1349310 - (CVE-2017-7778) Graphite2 lz4::decompress out of bounds write
1355182 - (CVE-2017-7775) Graphite2: Assertion 'size() > n' failed [@ graphite2::FeatureRef::applyValToFeature]
1352745 - (CVE-2017-7772) Graphite2 heap-buffer-overflow write [@ lz4::decompress]
Security vulnerabilities fixed in Firefox 54 — Mozilla
Debian -- Security Information -- DSA-3918-1 icedove
1356607 - (CVE-2017-7776) Graphite2: heap-buffer-overflow read [@ graphite2::Silf::getClassGlyph]
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.
<b>Legacy QID Mappings</b>
<a href="#">378157</a> Virtuozzo Linux Security Update for graphite2-devel (VZLSA-2017:1793)
<a href="#">378160</a> Virtuozzo Linux Security Update for firefox (VZLSA-2017:1440)
<a href="#">378205</a> Virtuozzo Linux Security Update for thunderbird (VZLSA-2017:1561)
<a href="#">710287</a> Gentoo Linux Mozilla Firefox Multiple Vulnerabilities (GLSA 201802-03)
<a href="#">710565</a> Gentoo Linux Graphite Multiple Vulnerabilities (GLSA 201710-13)

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