



# CVE-2016-2838

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

## Summary

<b>CVE</b>	CVE-2016-2838
<b>State</b>	PUBLIC
<b>Assigner</b>	security@mozilla.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2016-08-05 01:59:00 UTC
<b>Updated</b>	2017-08-16 01:29:00 UTC
<b>Description</b>	Heap-based buffer overflow in the nsBidi::BracketData::AddOpening function in Mozilla Firefox before 48.0 and Firefox ESF

## Risk And Classification

**Problem Types:** CWE-119

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Mozilla</a>	<a href="#">Firefox</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	45.1.0	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	45.1.1	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	45.2.0	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	45.3.0	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	45.1.0	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	45.1.1	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	45.2.0	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	45.3.0	All	All	All

## References

### Reference

[security-announce] openSUSE-SU-2016:1964-1: important: Security update

Buffer overflow rendering SVG with bidirectional content — Mozilla

[security-announce] openSUSE-SU-2016:2026-1: important: Security update

Mozilla Firefox, Thunderbird: Multiple vulnerabilities (GLSA 201701-15) — Gentoo security

Oracle Linux Bulletin - July 2016

USN-3044-1: Firefox vulnerabilities | Ubuntu

1279814 - (CVE-2016-2838) Heap-buffer-overflow in nsBidi::BracketData::AddOpening

Debian -- Security Information -- DSA-3640-1 firefox-esr

Mozilla Firefox Multiple Security Vulnerabilities

Mozilla Firefox Multiple Flaws Let Remote Users Execute Arbitrary Code, Bypass Security Restrictions, Spoof Content, Modify Files, and Obtain

Red Hat Customer Portal

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[710500](#) Gentoo Linux Mozilla Firefox, Thunderbird Multiple Vulnerabilities (GLSA 201701-15)

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