



CVE-2015-0831

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

Summary

CVE	CVE-2015-0831
State	PUBLISHED
Assigner	mozilla
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-02-25 11:59:11 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Use-after-free vulnerability in the mozilla::dom::IndexedDB::IDBObjectStore::CreateIndex function in Mozilla Firefox before

Risk And Classification

Primary CVSS: v2.0 6.8 from nvd@nist.gov

AV:N/AC:M/Au:N/C:P/I:P/A:P

Problem Types: NVD-CWE-Other | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:M/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mozilla	Firefox	0.1	All	All	All

Application	Mozilla	Firefox	0.10	All	All	All
Application	Mozilla	Firefox	0.10.1	All	All	All
Application	Mozilla	Firefox	0.2	All	All	All
Application	Mozilla	Firefox	0.3	All	All	All
Application	Mozilla	Firefox	0.4	All	All	All
Application	Mozilla	Firefox	0.5	All	All	All
Application	Mozilla	Firefox	0.6	All	All	All
Application	Mozilla	Firefox	0.6.1	All	All	All
Application	Mozilla	Firefox	0.7	All	All	All
Application	Mozilla	Firefox	0.7.1	All	All	All
Application	Mozilla	Firefox	0.8	All	All	All
Application	Mozilla	Firefox	0.9	All	All	All
Application	Mozilla	Firefox	0.9	rc	All	All
Application	Mozilla	Firefox	0.9.1	All	All	All
Application	Mozilla	Firefox	0.9.2	All	All	All
Application	Mozilla	Firefox	0.9.3	All	All	All
Application	Mozilla	Firefox	1.0	All	All	All
Application	Mozilla	Firefox	1.0	preview_release	All	All
Application	Mozilla	Firefox	1.0.1	All	All	All
Application	Mozilla	Firefox	1.0.2	All	All	All
Application	Mozilla	Firefox	1.0.3	All	All	All
Application	Mozilla	Firefox	1.0.4	All	All	All
Application	Mozilla	Firefox	1.0.5	All	All	All
Application	Mozilla	Firefox	1.0.6	All	All	All
Application	Mozilla	Firefox	1.0.7	All	All	All
Application	Mozilla	Firefox	1.0.8	All	All	All
Application	Mozilla	Firefox	1.4.1	All	All	All
Application	Mozilla	Firefox	1.5	All	All	All
Application	Mozilla	Firefox	1.5	beta1	All	All
Application	Mozilla	Firefox	1.5	beta2	All	All
Application	Mozilla	Firefox	1.5.0.1	All	All	All
Application	Mozilla	Firefox	1.5.0.10	All	All	All
Application	Mozilla	Firefox	1.5.0.11	All	All	All
Application	Mozilla	Firefox	1.5.0.12	All	All	All
Application	Mozilla	Firefox	1.5.0.2	All	All	All
Application	Mozilla	Firefox	1.5.0.3	All	All	All

Application	Mozilla	Firefox	1.5.0.4	All	All	All
Application	Mozilla	Firefox	1.5.0.5	All	All	All
Application	Mozilla	Firefox	1.5.0.6	All	All	All
Application	Mozilla	Firefox	1.5.0.7	All	All	All
Application	Mozilla	Firefox	1.5.0.8	All	All	All
Application	Mozilla	Firefox	1.5.0.9	All	All	All
Application	Mozilla	Firefox	1.5.1	All	All	All
Application	Mozilla	Firefox	1.5.2	All	All	All
Application	Mozilla	Firefox	1.5.3	All	All	All
Application	Mozilla	Firefox	1.5.4	All	All	All
Application	Mozilla	Firefox	1.5.5	All	All	All
Application	Mozilla	Firefox	1.5.6	All	All	All
Application	Mozilla	Firefox	1.5.7	All	All	All
Application	Mozilla	Firefox	1.5.8	All	All	All
Application	Mozilla	Firefox	1.8	All	All	All
Application	Mozilla	Firefox	10.0	All	All	All
Application	Mozilla	Firefox	10.0.1	All	All	All
Application	Mozilla	Firefox	10.0.10	All	All	All
Application	Mozilla	Firefox	10.0.11	All	All	All
Application	Mozilla	Firefox	10.0.12	All	All	All
Application	Mozilla	Firefox	10.0.2	All	All	All
Application	Mozilla	Firefox	10.0.3	All	All	All
Application	Mozilla	Firefox	10.0.4	All	All	All
Application	Mozilla	Firefox	10.0.5	All	All	All
Application	Mozilla	Firefox	10.0.6	All	All	All
Application	Mozilla	Firefox	10.0.7	All	All	All
Application	Mozilla	Firefox	10.0.8	All	All	All
Application	Mozilla	Firefox	10.0.9	All	All	All
Application	Mozilla	Firefox	11.0	All	All	All
Application	Mozilla	Firefox	12.0	All	All	All
Application	Mozilla	Firefox	12.0	beta6	All	All
Application	Mozilla	Firefox	13.0	All	All	All
Application	Mozilla	Firefox	13.0.1	All	All	All
Application	Mozilla	Firefox	14.0	All	All	All
Application	Mozilla	Firefox	14.0.1	All	All	All

Application	Mozilla	Firefox	15.0	All	All	All
Application	Mozilla	Firefox	15.0.1	All	All	All
Application	Mozilla	Firefox	16.0	All	All	All
Application	Mozilla	Firefox	16.0.1	All	All	All
Application	Mozilla	Firefox	16.0.2	All	All	All
Application	Mozilla	Firefox	17.0	All	All	All
Application	Mozilla	Firefox	17.0.1	All	All	All
Application	Mozilla	Firefox	17.0.10	All	All	All
Application	Mozilla	Firefox	17.0.11	All	All	All
Application	Mozilla	Firefox	17.0.2	All	All	All
Application	Mozilla	Firefox	17.0.3	All	All	All
Application	Mozilla	Firefox	17.0.4	All	All	All
Application	Mozilla	Firefox	17.0.5	All	All	All
Application	Mozilla	Firefox	17.0.6	All	All	All
Application	Mozilla	Firefox	17.0.7	All	All	All
Application	Mozilla	Firefox	17.0.8	All	All	All
Application	Mozilla	Firefox	17.0.9	All	All	All
Application	Mozilla	Firefox	18.0	All	All	All
Application	Mozilla	Firefox	18.0.1	All	All	All
Application	Mozilla	Firefox	18.0.2	All	All	All
Application	Mozilla	Firefox	19.0	All	All	All
Application	Mozilla	Firefox	19.0.1	All	All	All
Application	Mozilla	Firefox	19.0.2	All	All	All
Application	Mozilla	Firefox	2.0	All	All	All
Application	Mozilla	Firefox	2.0.0.1	All	All	All
Application	Mozilla	Firefox	2.0.0.10	All	All	All
Application	Mozilla	Firefox	2.0.0.11	All	All	All
Application	Mozilla	Firefox	2.0.0.12	All	All	All
Application	Mozilla	Firefox	2.0.0.13	All	All	All
Application	Mozilla	Firefox	2.0.0.14	All	All	All
Application	Mozilla	Firefox	2.0.0.15	All	All	All
Application	Mozilla	Firefox	2.0.0.16	All	All	All
Application	Mozilla	Firefox	2.0.0.17	All	All	All
Application	Mozilla	Firefox	2.0.0.18	All	All	All
Application	Mozilla	Firefox	2.0.0.19	All	All	All
Application	Mozilla	Firefox	2.0.0.2	All	All	All

Application	Mozilla	Firefox	2.0.0.2	All	All	All
Application	Mozilla	Firefox	2.0.0.20	All	All	All
Application	Mozilla	Firefox	2.0.0.3	All	All	All
Application	Mozilla	Firefox	2.0.0.4	All	All	All
Application	Mozilla	Firefox	2.0.0.5	All	All	All
Application	Mozilla	Firefox	2.0.0.6	All	All	All
Application	Mozilla	Firefox	2.0.0.7	All	All	All
Application	Mozilla	Firefox	2.0.0.8	All	All	All
Application	Mozilla	Firefox	2.0.0.9	All	All	All
Application	Mozilla	Firefox	20.0	All	All	All
Application	Mozilla	Firefox	20.0.1	All	All	All
Application	Mozilla	Firefox	21.0	All	All	All
Application	Mozilla	Firefox	22.0	All	All	All
Application	Mozilla	Firefox	23.0	All	All	All
Application	Mozilla	Firefox	23.0.1	All	All	All
Application	Mozilla	Firefox	24.0	All	All	All
Application	Mozilla	Firefox	24.1	All	All	All
Application	Mozilla	Firefox	24.1.1	All	All	All
Application	Mozilla	Firefox	25.0	All	All	All
Application	Mozilla	Firefox	25.0.1	All	All	All
Application	Mozilla	Firefox	26.0	All	All	All
Application	Mozilla	Firefox	27.0	All	All	All
Application	Mozilla	Firefox	27.0.1	All	All	All
Application	Mozilla	Firefox	28.0	All	All	All
Application	Mozilla	Firefox	29.0	All	All	All
Application	Mozilla	Firefox	29.0.1	All	All	All
Application	Mozilla	Firefox	3.0	All	All	All
Application	Mozilla	Firefox	3.0.1	All	All	All
Application	Mozilla	Firefox	3.0.10	All	All	All
Application	Mozilla	Firefox	3.0.11	All	All	All
Application	Mozilla	Firefox	3.0.12	All	All	All
Application	Mozilla	Firefox	3.0.13	All	All	All
Application	Mozilla	Firefox	3.0.14	All	All	All
Application	Mozilla	Firefox	3.0.15	All	All	All
Application	Mozilla	Firefox	3.0.16	All	All	All
Application	Mozilla	Firefox	3.0.17	All	All	All

Application	Mozilla	Firefox	3.0.18	All	All	All
Application	Mozilla	Firefox	3.0.19	All	All	All
Application	Mozilla	Firefox	3.0.2	All	All	All
Application	Mozilla	Firefox	3.0.3	All	All	All
Application	Mozilla	Firefox	3.0.4	All	All	All
Application	Mozilla	Firefox	3.0.5	All	All	All
Application	Mozilla	Firefox	3.0.6	All	All	All
Application	Mozilla	Firefox	3.0.7	All	All	All
Application	Mozilla	Firefox	3.0.8	All	All	All
Application	Mozilla	Firefox	3.0.9	All	All	All
Application	Mozilla	Firefox	3.5	All	All	All
Application	Mozilla	Firefox	3.5.1	All	All	All
Application	Mozilla	Firefox	3.5.10	All	All	All
Application	Mozilla	Firefox	3.5.11	All	All	All
Application	Mozilla	Firefox	3.5.12	All	All	All
Application	Mozilla	Firefox	3.5.13	All	All	All
Application	Mozilla	Firefox	3.5.14	All	All	All
Application	Mozilla	Firefox	3.5.15	All	All	All
Application	Mozilla	Firefox	3.5.16	All	All	All
Application	Mozilla	Firefox	3.5.17	All	All	All
Application	Mozilla	Firefox	3.5.18	All	All	All
Application	Mozilla	Firefox	3.5.19	All	All	All
Application	Mozilla	Firefox	3.5.2	All	All	All
Application	Mozilla	Firefox	3.5.3	All	All	All
Application	Mozilla	Firefox	3.5.4	All	All	All
Application	Mozilla	Firefox	3.5.5	All	All	All
Application	Mozilla	Firefox	3.5.6	All	All	All
Application	Mozilla	Firefox	3.5.7	All	All	All
Application	Mozilla	Firefox	3.5.8	All	All	All
Application	Mozilla	Firefox	3.5.9	All	All	All
Application	Mozilla	Firefox	3.6	All	All	All
Application	Mozilla	Firefox	3.6.10	All	All	All
Application	Mozilla	Firefox	3.6.11	All	All	All
Application	Mozilla	Firefox	3.6.12	All	All	All
Application	Mozilla	Firefox	3.6.13	All	All	All

Application	Mozilla	Firefox	3.6.14	All	All	All
Application	Mozilla	Firefox	3.6.15	All	All	All
Application	Mozilla	Firefox	3.6.16	All	All	All
Application	Mozilla	Firefox	3.6.17	All	All	All
Application	Mozilla	Firefox	3.6.18	All	All	All
Application	Mozilla	Firefox	3.6.19	All	All	All
Application	Mozilla	Firefox	3.6.2	All	All	All
Application	Mozilla	Firefox	3.6.20	All	All	All
Application	Mozilla	Firefox	3.6.21	All	All	All
Application	Mozilla	Firefox	3.6.22	All	All	All
Application	Mozilla	Firefox	3.6.23	All	All	All
Application	Mozilla	Firefox	3.6.24	All	All	All
Application	Mozilla	Firefox	3.6.25	All	All	All
Application	Mozilla	Firefox	3.6.26	All	All	All
Application	Mozilla	Firefox	3.6.27	All	All	All
Application	Mozilla	Firefox	3.6.28	All	All	All
Application	Mozilla	Firefox	3.6.3	All	All	All
Application	Mozilla	Firefox	3.6.4	All	All	All
Application	Mozilla	Firefox	3.6.6	All	All	All
Application	Mozilla	Firefox	3.6.7	All	All	All
Application	Mozilla	Firefox	3.6.8	All	All	All
Application	Mozilla	Firefox	3.6.9	All	All	All
Application	Mozilla	Firefox	30.0	All	All	All
Application	Mozilla	Firefox	31.0	All	All	All
Application	Mozilla	Firefox	31.1.0	All	All	All
Application	Mozilla	Firefox	32.0	All	All	All
Application	Mozilla	Firefox	33.0	All	All	All
Application	Mozilla	Firefox	34.0.5	All	All	All
Application	Mozilla	Firefox	4.0	All	All	All
Application	Mozilla	Firefox	4.0	beta1	All	All
Application	Mozilla	Firefox	4.0	beta10	All	All
Application	Mozilla	Firefox	4.0	beta11	All	All
Application	Mozilla	Firefox	4.0	beta12	All	All
Application	Mozilla	Firefox	4.0	beta2	All	All
Application	Mozilla	Firefox	4.0	beta3	All	All
Application	Mozilla	Firefox	4.0	beta4	All	All

Application	Mozilla	Firefox	4.0	beta4	All	All
Application	Mozilla	Firefox	4.0	beta5	All	All
Application	Mozilla	Firefox	4.0	beta6	All	All
Application	Mozilla	Firefox	4.0	beta7	All	All
Application	Mozilla	Firefox	4.0	beta8	All	All
Application	Mozilla	Firefox	4.0	beta9	All	All
Application	Mozilla	Firefox	4.0.1	All	All	All
Application	Mozilla	Firefox	5.0	All	All	All
Application	Mozilla	Firefox	5.0.1	All	All	All
Application	Mozilla	Firefox	6.0	All	All	All
Application	Mozilla	Firefox	6.0.1	All	All	All
Application	Mozilla	Firefox	6.0.2	All	All	All
Application	Mozilla	Firefox	7.0	All	All	All
Application	Mozilla	Firefox	7.0.1	All	All	All
Application	Mozilla	Firefox	8.0	All	All	All
Application	Mozilla	Firefox	8.0.1	All	All	All
Application	Mozilla	Firefox	9.0	All	All	All
Application	Mozilla	Firefox	9.0.1	All	All	All
Application	Mozilla	Firefox	All	All	All	All
Application	Mozilla	Thunderbird	31.0	All	All	All
Application	Mozilla	Thunderbird	31.1.2	All	All	All
Application	Mozilla	Thunderbird	31.2	All	All	All
Application	Mozilla	Thunderbird	31.3	All	All	All
Application	Mozilla	Thunderbird	All	All	All	All

Vendor Declared Affected Products						
Source	Vendor	Product	Version	Platforms		
CNA	Na	N/a	affected n/a	Not specified		

References
Reference
Red Hat Customer Portal
Mozilla Firefox Multiple Flaws Let Remote Users Deny Service, Execute Arbitrary Code, Bypass Security Restrictions, and Obtain Potentially S
Oracle Solaris Third Party Bulletin - April 2015
Red Hat Customer Portal
Gentoo Security
[security-announce] SUSE-SU-2015:0446-1: important: Security update for

[security-announce] CVE-2015-0570-1: important: Security update for
USN-2506-1: Thunderbird vulnerabilities Ubuntu
[security-announce] openSUSE-SU-2015:0404-1: important: Security update
openSUSE-SU-2015:0570-1: moderate: Security update for seamonkey
[security-announce] openSUSE-SU-2015:0567-1: important: update to Firefo
Use-after-free in IndexedDB — Mozilla
Mozilla Thunderbird Flaws Let Remote Users Execute Arbitrary Code and Obtain Potentially Sensitive Information and Let Local Users Gain E
Red Hat Customer Portal
[security-announce] SUSE-SU-2015:0412-1: important: Security update for
Debian -- Security Information -- DSA-3179-1 icedove
[security-announce] SUSE-SU-2015:0447-1: important: Security update for
Mozilla Firefox/Thunderbird CVE-2015-0831 Use After Free Denial of Service Vulnerability
USN-2505-1: Firefox vulnerabilities Ubuntu
Access Denied
Debian -- Security Information -- DSA-3174-1 iceweasel
[security-announce] openSUSE-SU-2015:0448-1: important: Security update
[security-announce] openSUSE-SU-2015:1266-1: important: Mozilla (Firefox
CVE Program record
NVD vulnerability detail
◀ ▶

No vendor comments have been submitted for this CVE.

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