

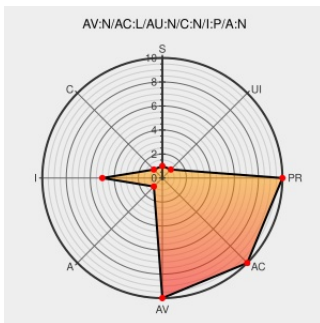


CVE-2015-4478

Published on: 08/15/2015 12:00:00 AM UTC

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CVE-2015-4478

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Ubuntu Linux](#) from [Canonical](#) contain the following vulnerability:

Mozilla Firefox before 40.0 and Firefox ESR 38.x before 38.2 do not impose certain ECMAScript 6 requirements on JavaScript object properties, which allows remote attackers to bypass the Same Origin Policy via the `reviver` parameter to the `JSON.parse` method.

CVE-2015-4478 has been assigned by [m](#) security@mozilla.org to track the vulnerability

CVSS2 Score: **5 - MEDIUM**

Access
Vector

NETWORK

Access
Complexity

LOW

Authentication

NONE

Confidentiality
Impact

NONE

Integrity
Impact

PARTIAL

Availability
Impact

NONE

CVE References

Description

Tags

Link

Oracle Solaris Bulletin - April 2016

[www.oracle.com](http://www.oracle.com/text/html)
[text/html](#)

[CONFIRM](http://www.oracle.com/technetwork/topics/security/bulletinapr2016-2952098.html)
www.oracle.com/technetwork/topics/security/bulletinapr2016-2952098.html

[security-announce] openSUSE-SU-2015:1390-1: important: Security update

lists.opensuse.org
[text/html](#)

[SUSE openSUSE-SU-2015:1390](https://www.suse.com/support/update/announcement/view/?announcement_id=0ad98466-60e0-4761-9030-103631090000)

Mozilla Firefox Multiple Flaws Let Remote Users Execute Arbitrary Code, Obtain Potentially Sensitive Information, Bypass Security Restrictions, and Conduct Cross-Site Scripting Attacks - SecurityTracker

[www.securitytracker.com](http://www.securitytracker.com/text/html)
[text/html](#)

[SECTrack 1033247](https://www.sectrack.com/details.php?id=1033247)

Mozilla Products: Multiple vulnerabilities (GLSA 201605-06) — Gentoo security

[security.gentoo.org](http://security.gentoo.org/text/html)
[text/html](#)

[GENTOO GLSA-201605-06](https://www.gentoo.org/press/20160506-glenn-saunders-multiple-vulnerabilities-in-mozilla-products/)

Red Hat Customer Portal

web.archive.org

[REDHAT RHSA-2015:1586](https://access.redhat.com/errata/RHSA-2015:1586)

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Access Denied	bugzilla.mozilla.org text/html	 CONFIRM bugzilla.mozilla.org/show_bug.cgi?id=1105914
USN-2702-2: Ubufox update Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-2702-2
[security-announce] SUSE-SU-2015:1528-1: important: Security update for	lists.opensuse.org text/html	 SUSE SUSE-SU-2015:1528
openSUSE-SU-2015:1453-1: moderate: Security update for MozillaThunderbir	lists.opensuse.org text/html	 SUSE openSUSE-SU-2015:1453
Debian -- Security Information -- DSA-3333-1 iceweasel	www.debian.org Deprecated Link text/html	 DEBIAN DSA-3333
USN-2702-1: Firefox vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-2702-1
USN-2702-3: Firefox regression Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-2702-3
[security-announce] SUSE-SU-2015:1449-1: important: Security update for	lists.opensuse.org text/html	 SUSE SUSE-SU-2015:1449
[security-announce] openSUSE-SU-2015:1389-1: important: Security update	lists.opensuse.org text/html	 SUSE openSUSE-SU-2015:1389
openSUSE-SU-2015:1454-1: moderate: Security update for MozillaThunderbir	lists.opensuse.org text/html	 SUSE openSUSE-SU-2015:1454
[security-announce] SUSE-SU-2015:2081-1: important: Security update for	lists.opensuse.org text/html	 SUSE SUSE-SU-2015:2081
Redefinition of non-configurable JavaScript object properties — Mozilla	Vendor Advisory www.mozilla.org text/html	 CONFIRM www.mozilla.org/security/announce/2015/mfsa2015-82.html

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.04	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All

Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.04	All	All	All
Application	Mozilla	Firefox	All	All	All	All
Application	Mozilla	Firefox Esr	38.0	All	All	All
Application	Mozilla	Firefox Esr	38.0.1	All	All	All
Application	Mozilla	Firefox Esr	38.0.5	All	All	All
Application	Mozilla	Firefox Esr	38.1.0	All	All	All
Application	Mozilla	Firefox Esr	38.0	All	All	All
Application	Mozilla	Firefox Esr	38.0.1	All	All	All
Application	Mozilla	Firefox Esr	38.0.5	All	All	All
Application	Mozilla	Firefox Esr	38.1.0	All	All	All
Operating System	Opensuse	Opensuse	13.1	All	All	All
Operating System	Opensuse	Opensuse	13.2	All	All	All
Operating System	Opensuse	Opensuse	13.1	All	All	All
Operating System	Opensuse	Opensuse	13.2	All	All	All
cpe:2.3:o:canonical:ubuntu_linux:12.04:***:lts:***:						
cpe:2.3:o:canonical:ubuntu_linux:14.04:***:lts:***:						
cpe:2.3:o:canonical:ubuntu_linux:15.04:***:***:***:						
cpe:2.3:o:canonical:ubuntu_linux:12.04:***:lts:***:						
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cpe:2.3:o:canonical:ubuntu_linux:15.04:***:***:***:						
cpe:2.3:a:mozilla:firefox:***:***:***:						
cpe:2.3:a:mozilla:firefox_esr:38.0:***:***:***:						
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cpe:2.3:a:mozilla:firefox_esr:38.0.5:***:***:***:						
cpe:2.3:a:mozilla:firefox_esr:38.1.0:***:***:***:						
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cpe:2.3:o:opensuse:opensuse:13.1:*****:	
cpe:2.3:o:opensuse:opensuse:13.2:*****:	
cpe:2.3:o:opensuse:opensuse:13.1:*****:	
cpe:2.3:o:opensuse:opensuse:13.2:*****:	
No vendor comments have been submitted for this CVE	
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