CVE-2015-4516

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2015-4516
State	PUBLISHED
Assigner	mozilla
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-09-24 04:59:16 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Mozilla Firefox before 41.0 allows remote attackers to bypass certain ECMAScript 5 (aka ES5) API protection mechanisms

Risk And Classification

Primary CVSS: v2.0 9.3 from nvd@nist.gov

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

Problem Types: CWE-254 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

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

Vendor Declared Affected Products

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

References

Reference
USN-2743-1: Firefox vulnerabilities | Ubuntu
[security-announce] openSUSE-SU-2015:1658-1: important: Security update
USN-2743-2: Ubufox update | Ubuntu
904886 - (CVE-2015-4516) All property definition must enforce ES5's invariants regarding configurability, writability, etc.
Mozilla Firefox Multiple Flaws Let Remote Users Execute Arbitrary Code, Obtain Potentially Sensitive Information, Bypass Security Restriction
JavaScript immutable property enforcement can be bypassed — Mozilla
[security-announce] openSUSE-SU-2015:1681-1: important: Security update
USN-2743-3: Unity Integration for Firefox, Unity Websites Integration and Ubuntu Online Accounts extension update | Ubuntu
USN-2743-4: Firefox regression | Ubuntu
Mozilla Firefox Multiple Security Vulnerabilities
Oracle Solaris Bulletin - April 2016
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.