



CVE-2019-17026

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Summary

CVE	CVE-2019-17026
State	PUBLIC
Assigner	security@mozilla.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-03-02 05:15:00 UTC
Updated	2022-11-16 03:00:00 UTC
Description	Incorrect alias information in IonMonkey JIT compiler for setting array elements could lead to a type confusion. We are awa

Risk And Classification

EPSS: 0.648050000 probability, percentile 0.984510000 (date 2026-04-01)

CISA KEV: Listed on 2021-11-03; due 2022-05-03; ransomware use Unknown

Problem Types: CWE-843

CISA Known Exploited Vulnerability

Vendor	Mozilla
Product	Firefox and Thunderbird
Name	Mozilla Firefox And Thunderbird Type Confusion Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2019-17026

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Application	Mozilla	Firefox	All	All	All	All
Application	Mozilla	Firefox	All	All	All	All
Application	Mozilla	Firefox Esr	All	All	All	All
Application	Mozilla	Firefox Esr	All	All	All	All
Application	Mozilla	Thunderbird	All	All	All	All
Application	Mozilla	Thunderbird	All	All	All	All

References

Reference	Source	Link	Tags
Mozilla Firefox: Multiple vulnerabilities (GLSA 202003-02) — Gentoo security	GENTOO	security.gentoo.org	
Security Vulnerabilities fixed in Firefox 72.0.1 and Firefox ESR 68.4.1 — Mozilla	MISC	www.mozilla.org	Vendor Advisory
Security Vulnerabilities fixed in Thunderbird 68.4.1 — Mozilla	MISC	www.mozilla.org	Vendor Advisory
Access Denied	MISC	bugzilla.mozilla.org	Permissions Requ
USN-4335-1: Thunderbird vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	
Firefox 72 IonMonkey JIT Type Confusion ≈ Packet Storm	MISC	packetstormsecurity.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov	kev

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[296077](#) Oracle Solaris 11.4 Support Repository Update (SRU) 18.4.0 Missing (CPUJAN2020)

[376884](#) Alibaba Cloud Linux Security Update for firefox (ALINUX2-SA-2020:0016)

[377014](#) Alibaba Cloud Linux Security Update for thunderbird (ALINUX2-SA-2020:0017)

[500925](#) Alpine Linux Security Update for firefox-esr

[500945](#) Alpine Linux Security Update for firefox

[503830](#) Alpine Linux Security Update for firefox

[671519](#) EulerOS Security Update for mozjs60 (EulerOS-SA-2022-1431)

[671545](#) EulerOS Security Update for mozjs60 (EulerOS-SA-2022-1452)

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