



# CVE-2020-12417

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

## Summary

<b>CVE</b>	CVE-2020-12417
<b>State</b>	PUBLIC
<b>Assigner</b>	security@mozilla.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-07-09 15:15:00 UTC
<b>Updated</b>	2022-05-03 13:00:00 UTC
<b>Description</b>	Due to confusion about ValueTags on JavaScript Objects, an object may pass through the type barrier, resulting in memory

## Risk And Classification

**Problem Types:** [CWE-787](#) | [CWE-617](#) | [CWE-681](#)

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	19.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	20.04	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Firefox Esr</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Thunderbird</a>	All	All	All	All
Application	<a href="#">Mozilla</a>	<a href="#">Thunderbird</a>	All	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.2	All	All	All

## References

Reference	Source	Link	Tags
Access Denied	MISC	<a href="https://bugzilla.mozilla.org">bugzilla.mozilla.org</a>	Issue Tracking, Permi
Mozilla Firefox: Multiple vulnerabilities (GLSA 202007-10) — Gentoo security	GENTOO	<a href="https://security.gentoo.org">security.gentoo.org</a>	

USN-4421-1: Thunderbird vulnerabilities   Ubuntu security notices   Ubuntu	UBUNTU	<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	
[security-announce] openSUSE-SU-2020:0983-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	
Security Vulnerabilities fixed in Firefox 78 — Mozilla	MISC	<a href="https://www.mozilla.org">www.mozilla.org</a>	Vendor Advisory
Security Vulnerabilities fixed in Firefox ESR 68.10 — Mozilla	MISC	<a href="https://www.mozilla.org">www.mozilla.org</a>	Vendor Advisory
[security-announce] openSUSE-SU-2020:0967-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	
Mozilla Thunderbird: Multiple vulnerabilities (GLSA 202007-09) — Gentoo security	GENTOO	<a href="https://security.gentoo.org">security.gentoo.org</a>	
[security-announce] openSUSE-SU-2020:1017-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	
Security Vulnerabilities fixed in Thunderbird 68.10.0 — Mozilla	MISC	<a href="https://www.mozilla.org">www.mozilla.org</a>	Vendor Advisory
[security-announce] openSUSE-SU-2020:0982-1: important: Security update	SUSE	<a href="https://lists.opensuse.org">lists.opensuse.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

#### Legacy QID Mappings

[296072](#) Oracle Solaris 11.4 Support Repository Update (SRU) 25.75.3 Missing (CPUJUL2020)

[354784](#) Amazon Linux Security Advisory for thunderbird : ALAS2-2023-1945

[377180](#) Alibaba Cloud Linux Security Update for firefox (ALINUX2-SA-2020:0104)

[500922](#) Alpine Linux Security Update for firefox-esr

[500951](#) Alpine Linux Security Update for firefox

[501074](#) Alpine Linux Security Update for mozjs68

[502370](#) Alpine Linux Security Update for thunderbird

[503836](#) Alpine Linux Security Update for firefox

[673432](#) EulerOS Security Update for mozjs60 (EulerOS-SA-2024-1201)

[673812](#) EulerOS Security Update for mozjs60 (EulerOS-SA-2024-1181)

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