



# CVE-2020-12418

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

## Summary

<b>CVE</b>	CVE-2020-12418
<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>	2023-01-27 16:57:00 UTC
<b>Description</b>	Manipulating individual parts of a URL object could have caused an out-of-bounds read, leaking process memory to malicious users.

## Risk And Classification

### Problem Types: CWE-125

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	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
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All

## References

Reference	Source	Link	Tags
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>	
Access Denied	MISC	<a href="https://bugzilla.mozilla.org">bugzilla.mozilla.org</a>	Issue Tracking, Permi
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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status** [status.cve.report](#)