



CVE-2019-17011

Published on: 01/08/2020 12:00:00 AM UTC

Last Modified on: 04/08/2022 02:32:00 PM UTC

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

CVSS:31/AV:N/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H



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

Under certain conditions, when retrieving a document from a DocShell in the antitracking code, a race condition could cause a use-after-free condition and a potentially exploitable crash. This vulnerability affects Thunderbird < 68.3, Firefox ESR < 68.3, and Firefox < 71.

CVE-2019-17011 has been assigned by [m](#) security@mozilla.org to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [m](#) **Mozilla** - **Thunderbird** version **before 68.3**

Affected Vendor/Software: [m](#) **Mozilla** - **Firefox ESR** version **before 68.3**

Affected Vendor/Software: [m](#) **Mozilla** - **Firefox** version **before 71**

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	HIGH	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **5.1 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	HIGH	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Mozilla Thunderbird: Multiple vulnerabilities (GLSA 202003-10) — Gentoo security	security.gentoo.org text/html	 GENTOO GLSA-202003-10
Red Hat Customer Portal	access.redhat.com text/html	 REDHAT RHSA-2020:0292
Mozilla Firefox: Multiple vulnerabilities (GLSA 202003-02) — Gentoo security	security.gentoo.org text/html	 GENTOO GLSA-202003-02
Security Vulnerabilities fixed in - Firefox 71 — Mozilla	Vendor Advisory www.mozilla.org text/html	 CONFIRM www.mozilla.org/security/advisories/mfsa2019-36/
Security Vulnerabilities fixed in - Thunderbird 68.3 — Mozilla	Vendor Advisory web.archive.org text/html Inactive Link Not Archived	 CONFIRM www.mozilla.org/security/advisories/mfsa2019-38/
[security-announce] openSUSE-SU-2020:0003-1: important: Security update	Mailing List Third Party Advisory lists.opensuse.org text/html	 SUSE openSUSE-SU-2020:0003
Red Hat Customer Portal	access.redhat.com text/html	 REDHAT RHSA-2020:0295
[security-announce] openSUSE-SU-2020:0002-1: important: Security update	Mailing List Third Party Advisory lists.opensuse.org text/html	 SUSE openSUSE-SU-2020:0002
USN-4335-1: Thunderbird vulnerabilities Ubuntu security notices	usn.ubuntu.com text/html	 UBUNTU USN-4335-1
Security Vulnerabilities fixed in - Firefox ESR 68.3 — Mozilla	Vendor Advisory www.mozilla.org text/html	 CONFIRM www.mozilla.org/security/advisories/mfsa2019-37/
1591334 - heap-use-after-free in SetOnStorage	Permissions Required bugzilla.mozilla.org text/html	 MISC bugzilla.mozilla.org/show_bug.cgi?id=1591334
USN-4241-1: Thunderbird vulnerabilities Ubuntu security notices Ubuntu	usn.ubuntu.com text/html	 UBUNTU USN-4241-1

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Related QID Numbers

500924 Alpine Linux Security Update for firefox-esr

Known Affected Configurations (CPE V2.3)

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

System						
Operating System	Canonical	Ubuntu Linux	19.10	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	15.1	All	All	All
cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:esm:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:19.10:*:*:*:*:*:						
cpe:2.3:a:mozilla:firefox:*:*:*:*:*:						
cpe:2.3:a:mozilla:firefox:*:*:*:*:*:						
cpe:2.3:a:mozilla:firefox_esr:*:*:*:*:*:						
cpe:2.3:a:mozilla:firefox_esr:*:*:*:*:*:						
cpe:2.3:a:mozilla:thunderbird:*:*:*:*:*:						
cpe:2.3:a:mozilla:thunderbird:*:*:*:*:*:						
cpe:2.3:o:opensuse:leap:15.1:*:*:*:*:*:						
cpe:2.3:o:opensuse:leap:15.1:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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