



CVE-2020-6814

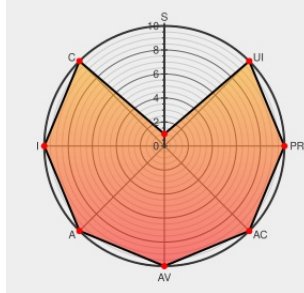
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CVE-2020-6814

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

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



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

Mozilla developers reported memory safety bugs present in Firefox and Thunderbird 68.5. Some of these bugs showed evidence of memory corruption and we presume that with enough effort some of these could have been exploited to run arbitrary code. This vulnerability affects Thunderbird < 68.6, Firefox < 74, Firefox < ESR68.6, and Firefox ESR

< 68.6.

CVE-2020-6814 has been assigned by [m](#) security@mozilla.org to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [m](#) **Mozilla** - **Thunderbird** version < **68.6**

Affected Vendor/Software: [m](#) **Mozilla** - **Firefox** version < **74**

Affected Vendor/Software: [m](#) **Mozilla** - **Firefox** version < **ESR68.6**

Affected Vendor/Software: [m](#) **Mozilla** - **Firefox ESR** version < **68.6**

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact

PARTIAL

PARTIAL

PARTIAL

CVE References

Description	Tags	Link
Security Vulnerabilities fixed in Firefox ESR 68.6 — Mozilla	Vendor Advisory www.mozilla.org text/html	 MISC www.mozilla.org/security/advisories/mfsa2020-09/
Security Vulnerabilities fixed in Firefox 74 — Mozilla	Vendor Advisory www.mozilla.org text/html	 MISC www.mozilla.org/security/advisories/mfsa2020-08/
USN-4328-1: Thunderbird vulnerabilities Ubuntu security notices Ubuntu	usn.ubuntu.com text/html	 UBUNTU USN-4328-1
Security Vulnerabilities fixed in Thunderbird 68.6 — Mozilla	Vendor Advisory www.mozilla.org text/html	 MISC www.mozilla.org/security/advisories/mfsa2020-10/
USN-4335-1: Thunderbird vulnerabilities Ubuntu security notices	usn.ubuntu.com text/html	 UBUNTU USN-4335-1
Bug List	Broken Link bugzilla.mozilla.org text/html	 MISC bugzilla.mozilla.org/buglist.cgi?bug_id=1592078%2C1604847%2C1608256%2C1612636%2C1614339

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Related QID Numbers

[178553](#) Debian Security Update for firefox-esr (DLA 2140-1)

[377015](#) Alibaba Cloud Linux Security Update for firefox (ALINUX2-SA-2020:0036)

[377080](#) Alibaba Cloud Linux Security Update for thunderbird (ALINUX2-SA-2020:0037)

[500927](#) Alpine Linux Security Update for firefox-esr

[500946](#) Alpine Linux Security Update for firefox

[501076](#) Alpine Linux Security Update for mozjs68

[502372](#) Alpine Linux Security Update for thunderbird

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
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	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
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:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @RemotelyAlerts	Severity: ??? Mozilla developers reported memory safet... CVE-2020-6814 Link for more: alerts.remotelyrmm.com/CVE-2020-6814	2022-04-18 16:36:30
 @LinInfoSec	Firefox - CVE-2020-6814: mozilla.org/security/advis...	2022-04-18 17:05:04

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