CVE-2019-17012

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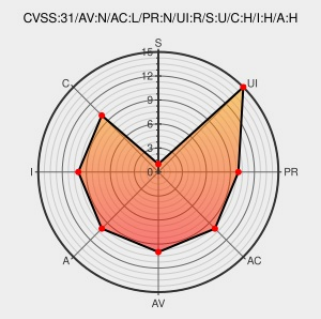
CVE-2019-17012

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Ubuntu Linux from Canonical contain the following vulnerability:

Mozilla developers reported memory safety bugs present in Firefox 70 and Firefox ESR 68.2. 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 < 68.3, Firefox ESR < 68.3, and Firefox < 71.

CVE-2019-17012 has been assigned by security@mozilla.org to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Mozilla** - **Thunderbird** version **before 68.3**

Affected Vendor/Software: **Mozilla** - **Firefox ESR** version **before 68.3**

Affected Vendor/Software: **Mozilla** - **Firefox** version **before 71**

CVSS3 Score: 8.8 - HIGH

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

CVSS2 Score: 6.8 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	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
Bug List	Broken Link bugzilla.mozilla.org text/html	MISC bugzilla.mozilla.org/buglist.cgi?bug_id=1449736%2C1533957%2C1560667%2C1567209%2C1580288%2C1585760%2C15925
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	usn.ubuntu.com text/html	UBUNTU USN-4335-1

vulnerabilities | Ubuntu security notices		
Security Vulnerabilities fixed in - Firefox ESR 68.3 — Mozilla	Vendor Advisory www.mozilla.org text/html	CONFIRM www.mozilla.org/security/advisories/mfsa2019-37/
USN-4241-1: Thunderbird vulnerabilities | Ubuntu security notices | Ubuntu	usn.ubuntu.com text/html	UBUNTU USN-4241-1

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
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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