



CVE-2022-31747

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

Summary

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| CVE | CVE-2022-31747 |
| State | PUBLIC |
| Assigner | security@mozilla.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2022-12-22 20:15:00 UTC |
| Updated | 2023-08-08 14:21:00 UTC |
| Description | Mozilla developers Andrew McCreight, Nicolas B. Pierron, and the Mozilla Fuzzing Team reported memory safety bugs pre- |

Risk And Classification

Problem Types: CWE-125 | CWE-787 | CWE-416

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|-------------|-------------------------|-----------------------------|---------|--------|---------|----------|
| Application | Mozilla | Firefox | All | All | All | All |
| Application | Mozilla | Firefox Esr | All | All | All | All |
| Application | Mozilla | Thunderbird | All | All | All | All |

References

| Reference | Source | Link | Tags |
|---|---------|--|---------------------|
| Security Vulnerabilities fixed in Firefox 101 — Mozilla | MISC | www.mozilla.org | |
| Security Vulnerabilities fixed in Firefox ESR 91.10 — Mozilla | MISC | www.mozilla.org | |
| Security Vulnerabilities fixed in Thunderbird 91.10 — Mozilla | MISC | www.mozilla.org | |
| Bug List | MISC | bugzilla.mozilla.org | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[159874](#) Oracle Enterprise Linux Security Update for firefox (ELSA-2022-4870)

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| 159877 Oracle Enterprise Linux Security Update for firefox (ELSA-2022-4872) |
| 159878 Oracle Enterprise Linux Security Update for thunderbird (ELSA-2022-4891) |
| 159879 Oracle Enterprise Linux Security Update for thunderbird (ELSA-2022-4887) |
| 159932 Oracle Enterprise Linux Security Update for firefox (ELSA-2022-4873) |
| 159948 Oracle Enterprise Linux Security Update for thunderbird (ELSA-2022-4892) |
| 179347 Debian Security Update for firefox-esr (DSA 5156-1) |
| 179351 Debian Security Update for thunderbird (DLA 3041-1) |
| 179352 Debian Security Update for firefox-esr (DLA 3040-1) |
| 179354 Debian Security Update for thunderbird (DSA 5158-1) |
| 184610 Debian Security Update for firefox-esrthunderbird (CVE-2022-31747) |
| 198829 Ubuntu Security Notification for Firefox Vulnerabilities (USN-5475-1) |
| 198859 Ubuntu Security Notification for Thunderbird Vulnerabilities (USN-5512-1) |
| 240393 Red Hat Update for firefox (RHSA-2022:4872) |
| 240394 Red Hat Update for firefox (RHSA-2022:4870) |
| 240397 Red Hat Update for firefox (RHSA-2022:4876) |
| 240399 Red Hat Update for firefox (RHSA-2022:4873) |
| 240401 Red Hat Update for firefox (RHSA-2022:4875) |
| 240402 Red Hat Update for thunderbird (RHSA-2022:4891) |
| 240405 Red Hat Update for thunderbird (RHSA-2022:4892) |
| 240406 Red Hat Update for thunderbird (RHSA-2022:4889) |
| 240407 Red Hat Update for thunderbird (RHSA-2022:4887) |
| 240408 Red Hat Update for thunderbird (RHSA-2022:4890) |
| 257182 CentOS Security Update for thunderbird (CESA-2022:4891) |
| 257184 CentOS Security Update for firefox (CESA-2022:4870) |
| 354001 Amazon Linux Security Advisory for thunderbird : ALAS2-2022-1828 |
| 356189 Amazon Linux Security Advisory for firefox : ALASFIREFOX-2023-011 |
| 376643 Mozilla Firefox Multiple Vulnerabilities (MFSA2022-20) |
| 376644 Mozilla Firefox ESR Multiple Vulnerabilities (MFSA2022-21) |
| 376645 Mozilla Thunderbird Multiple Vulnerabilities (MFSA2022-22) |

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|---|
| 502057 Alpine Linux Security Update for firefox-esr |
| 502380 Alpine Linux Security Update for thunderbird |
| 502686 Alpine Linux Security Update for firefox |
| 504810 Alpine Linux Security Update for firefox-esr |
| 504824 Alpine Linux Security Update for firefox |
| 505448 Alpine Linux Security Update for thunderbird |
| 710582 Gentoo Linux Mozilla Firefox Multiple Vulnerabilities (GLSA 202208-08) |
| 710585 Gentoo Linux Mozilla Thunderbird Multiple Vulnerabilities (GLSA 202208-14) |
| 752200 SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2022:1927-1) |
| 752204 SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2022:1920-1) |
| 752206 SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2022:1921-1) |
| 753109 SUSE Enterprise Linux Security Update for MozillaThunderbird (SUSE-SU-2022:2062-1) |
| 960141 Rocky Linux Security Update for thunderbird (RLSA-2022:4887) |
| 960145 Rocky Linux Security Update for firefox (RLSA-2022:4872) |

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