



# CVE-2022-38476

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

## Summary

|                        |   |
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| <b>CVE</b>             | CVE-2022-38476  |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | security@mozilla.org  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2022-12-22 20:15:00 UTC   |
| <b>Updated</b>         | 2023-01-03 20:51:00 UTC   |
| <b>Description</b>     | A data race could occur in the <code>PK11_ChangePW</code> function, potentially leading to a use-after-free vulnerability |

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                  | Product                     | Version | Update | Edition | Language |
|-------------|-------------------------|-----------------------------|---------|--------|---------|----------|
| Application | <a href="#">Mozilla</a> | <a href="#">Firefox Esr</a> | All     | All    | All     | All      |
| Application | <a href="#">Mozilla</a> | <a href="#">Thunderbird</a> | All     | All    | All     | All      |

## References

| Reference   | Source  | Link   | Tags                |
|---|---------|--|---------------------|
| Security Vulnerabilities fixed in Firefox ESR 102.2 — Mozilla | MISC    | <a href="http://www.mozilla.org">www.mozilla.org</a>           |                     |
| Access Denied   | MISC    | <a href="http://bugzilla.mozilla.org">bugzilla.mozilla.org</a> |                     |
| Security Vulnerabilities fixed in Thunderbird 102.2 — Mozilla | MISC    | <a href="http://www.mozilla.org">www.mozilla.org</a>           |                     |
| CVE Program record  | CVE.ORG | <a href="http://www.cve.org">www.cve.org</a>                   | canonical           |
| NVD vulnerability detail                                      | NVD     | <a href="http://nvd.nist.gov">nvd.nist.gov</a>                 | canonical, analysis |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[160060](#) Oracle Enterprise Linux Security Update for thunderbird (ELSA-2022-6169)

[160062](#) Oracle Enterprise Linux Security Update for thunderbird (ELSA-2022-6165)

[160063](#) Oracle Enterprise Linux Security Update for firefox (ELSA-2022-6175)

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| <a href="#">160065</a> Oracle Enterprise Linux Security Update for thunderbird (ELSA-2022-6164)       |
| <a href="#">160068</a> Oracle Enterprise Linux Security Update for firefox (ELSA-2022-6174)           |
| <a href="#">160070</a> Oracle Enterprise Linux Security Update for firefox (ELSA-2022-6179)           |
| <a href="#">184054</a> Debian Security Update for firefox-esrthunderbird (CVE-2022-38476)             |
| <a href="#">198977</a> Ubuntu Security Notification for Thunderbird Vulnerabilities (USN-5663-1)      |
| <a href="#">240618</a> Red Hat Update for firefox (RHSA-2022:6174)                                    |
| <a href="#">240619</a> Red Hat Update for thunderbird (RHSA-2022:6165)                                |
| <a href="#">240620</a> Red Hat Update for thunderbird (RHSA-2022:6169)                                |
| <a href="#">240621</a> Red Hat Update for thunderbird (RHSA-2022:6164)                                |
| <a href="#">240622</a> Red Hat Update for firefox (RHSA-2022:6175)                                    |
| <a href="#">240624</a> Red Hat Update for thunderbird (RHSA-2022:6168)                                |
| <a href="#">240628</a> Red Hat Update for thunderbird (RHSA-2022:6166)                                |
| <a href="#">240629</a> Red Hat Update for firefox (RHSA-2022:6176)                                    |
| <a href="#">240631</a> Red Hat Update for firefox (RHSA-2022:6179)                                    |
| <a href="#">240632</a> Red Hat Update for firefox (RHSA-2022:6177)                                    |
| <a href="#">257190</a> CentOS Security Update for firefox (CESA-2022:6179)                            |
| <a href="#">257193</a> CentOS Security Update for thunderbird (CESA-2022:6169)                        |
| <a href="#">354078</a> Amazon Linux Security Advisory for thunderbird : ALAS2-2022-1855               |
| <a href="#">356231</a> Amazon Linux Security Advisory for firefox : ALASFIREFOX-2023-012              |
| <a href="#">376859</a> Mozilla Firefox ESR Multiple Vulnerabilities (MFSA2022-34)                     |
| <a href="#">376861</a> Mozilla Thunderbird Multiple Vulnerabilities (MFSA2022-36)                     |
| <a href="#">503449</a> Alpine Linux Security Update for firefox-esr                                   |
| <a href="#">506057</a> Alpine Linux Security Update for firefox-esr                                   |
| <a href="#">710610</a> Gentoo Linux Mozilla Firefox Multiple Vulnerabilities (GLSA 202208-37)         |
| <a href="#">710612</a> Gentoo Linux Mozilla Thunderbird Multiple Vulnerabilities (GLSA 202208-38)     |
| <a href="#">752583</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2022:3273-1) |
| <a href="#">752590</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2022:3272-1) |
| <a href="#">752611</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2022:3396-1) |

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| <a href="#">753189</a> SUSE Enterprise Linux Security Update for MozillaThunderbird (SUSE-SU-2022:3281-1) |
| <a href="#">940644</a> AlmaLinux Security Update for firefox (ALSA-2022:6175)                             |
| <a href="#">940645</a> AlmaLinux Security Update for thunderbird (ALSA-2022:6164)                         |
| <a href="#">940647</a> AlmaLinux Security Update for thunderbird (ALSA-2022:6165)                         |
| <a href="#">940648</a> AlmaLinux Security Update for firefox (ALSA-2022:6174)                             |
| <a href="#">960291</a> Rocky Linux Security Update for thunderbird (RLSA-2022:6164)                       |
| <a href="#">960360</a> Rocky Linux Security Update for firefox (RLSA-2022:6175)                           |

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