



# CVE-2022-22747

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

## Summary

<b>CVE</b>	CVE-2022-22747
<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>	2022-12-29 23:17:00 UTC
<b>Description</b>	After accepting an untrusted certificate, handling an empty pkcs7 sequence as part of the certificate data could have lead to

## Risk And Classification

**Problem Types:** CWE-295

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Mozilla</a>	<a href="#">Firefox</a>	All	All	All	All
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 96 — Mozilla	MISC	<a href="http://www.mozilla.org">www.mozilla.org</a>	
1735028 - (CVE-2022-22747) CERT_DecodeCertPackage() crash with empty pkcs7 sequence	MISC	<a href="https://bugzilla.mozilla.org">bugzilla.mozilla.org</a>	
Security Vulnerabilities fixed in Thunderbird 91.5 — Mozilla	MISC	<a href="http://www.mozilla.org">www.mozilla.org</a>	
Security Vulnerabilities fixed in Firefox ESR 91.5 — 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

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[159590](#) Oracle Enterprise Linux Security Update for firefox (ELSA-2022-0124)

<a href="#">159591</a> Oracle Enterprise Linux Security Update for thunderbird (ELSA-2022-0127)
<a href="#">159592</a> Oracle Enterprise Linux Security Update for thunderbird (ELSA-2022-0129)
<a href="#">159593</a> Oracle Enterprise Linux Security Update for firefox (ELSA-2022-0130)
<a href="#">178999</a> Debian Security Update for firefox-esr (DSA 5044-1)
<a href="#">179001</a> Debian Security Update for thunderbird (DSA 5045-1)
<a href="#">179005</a> Debian Security Update for thunderbird (DLA 2881-1)
<a href="#">179006</a> Debian Security Update for firefox-esr (DLA 2880-1)
<a href="#">179035</a> Debian Security Update for nss (DSA 5062-1)
<a href="#">179037</a> Debian Security Update for nss (DLA 2898-1)
<a href="#">183074</a> Debian Security Update for firefox-esrthunderbirdnss (CVE-2022-22747)
<a href="#">198631</a> Ubuntu Security Notification for Firefox Vulnerabilities (USN-5229-1)
<a href="#">198641</a> Ubuntu Security Notification for Thunderbird Vulnerabilities (USN-5248-1)
<a href="#">198643</a> Ubuntu Security Notification for Thunderbird Vulnerabilities (USN-5246-1)
<a href="#">198851</a> Ubuntu Security Notification for NSS Vulnerabilities (USN-5506-1)
<a href="#">199535</a> Ubuntu Security Notification for NSS Vulnerabilities (USN-5872-1)
<a href="#">239998</a> Red Hat Update for thunderbird (RHSA-2022:0129)
<a href="#">239999</a> Red Hat Update for firefox (RHSA-2022:0132)
<a href="#">240000</a> Red Hat Update for firefox (RHSA-2022:0126)
<a href="#">240001</a> Red Hat Update for thunderbird (RHSA-2022:0127)
<a href="#">240002</a> Red Hat Update for thunderbird (RHSA-2022:0123)
<a href="#">240003</a> Red Hat Update for thunderbird (RHSA-2022:0128)
<a href="#">240005</a> Red Hat Update for firefox (RHSA-2022:0130)
<a href="#">240006</a> Red Hat Update for firefox (RHSA-2022:0124)
<a href="#">240435</a> Red Hat Update for thunderbird (RHSA-2022:0131)
<a href="#">240437</a> Red Hat Update for firefox (RHSA-2022:0125)
<a href="#">257141</a> CentOS Security Update for thunderbird (CESA-2022:0127)
<a href="#">257143</a> CentOS Security Update for firefox (CESA-2022:0124)
<a href="#">296062</a> Oracle Solaris 11.4 Support Repository Update (SRU) 43.113.3 Missing (CPUJAN2022)

<a href="#">353193</a> Amazon Linux Security Advisory for thunderbird : ALAS2-2022-1763
<a href="#">353982</a> Amazon Linux Security Advisory for thunderbird : ALAS2-2022-1818
<a href="#">376235</a> Mozilla Firefox ESR Multiple Vulnerabilities (MFSA2022-02)
<a href="#">376236</a> Mozilla Thunderbird Multiple Vulnerabilities (MFSA2022-03)
<a href="#">376237</a> Mozilla Firefox Multiple Vulnerabilities (MFSA2022-01)
<a href="#">502072</a> Alpine Linux Security Update for firefox-esr
<a href="#">502384</a> Alpine Linux Security Update for thunderbird
<a href="#">502688</a> Alpine Linux Security Update for firefox
<a href="#">505451</a> Alpine Linux Security Update for thunderbird
<a href="#">710574</a> Gentoo Linux Mozilla Firefox Multiple Vulnerabilities (GLSA 202202-03)
<a href="#">710585</a> Gentoo Linux Mozilla Thunderbird Multiple Vulnerabilities (GLSA 202208-14)
<a href="#">751610</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2022:0115-1)
<a href="#">751625</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2022:0136-1)
<a href="#">751626</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2022:0137-1)
<a href="#">751631</a> OpenSUSE Security Update for MozillaFirefox (openSUSE-SU-2022:0136-1)
<a href="#">751656</a> OpenSUSE Security Update for MozillaThunderbird (openSUSE-SU-2022:0199-1)
<a href="#">753303</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2022:14880-1)
<a href="#">940429</a> AlmaLinux Security Update for thunderbird (ALSA-2022:0129)
<a href="#">940430</a> AlmaLinux Security Update for firefox (ALSA-2022:0130)
<a href="#">960777</a> Rocky Linux Security Update for thunderbird (RLSA-2022:0129)
<a href="#">960821</a> Rocky Linux Security Update for firefox (RLSA-2022:0130)

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