



# CVE-2021-38507

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

## Summary

<b>CVE</b>	CVE-2021-38507
<b>State</b>	PUBLIC
<b>Assigner</b>	security@mozilla.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-12-08 22:15:00 UTC
<b>Updated</b>	2022-12-09 15:54:00 UTC
<b>Description</b>	The Opportunistic Encryption feature of HTTP2 (RFC 8164) allows a connection to be transparently upgraded to TLS while

## Risk And Classification

**Problem Types:** CWE-346

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	11.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
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
Access Denied	MISC	<a href="#">bugzilla.mozilla.org</a>	
Debian -- Security Information -- DSA-5026-1 firefox-esr	DEBIAN	<a href="#">www.debian.org</a>	
Security Vulnerabilities fixed in Thunderbird 91.3 — Mozilla	MISC	<a href="#">www.mozilla.org</a>	
Mozilla Thunderbird: Multiple Vulnerabilities (GLSA 202208-14) — Gentoo security	GENTOO	<a href="#">security.gentoo.org</a>	
Security Vulnerabilities fixed in Firefox 94 — Mozilla	MISC	<a href="#">www.mozilla.org</a>	
Security Vulnerabilities fixed in Firefox ESR 91.3 — Mozilla	MISC	<a href="#">www.mozilla.org</a>	
Mozilla Firefox: Multiple vulnerabilities (GLSA 202202-03) — Gentoo security	GENTOO	<a href="#">security.gentoo.org</a>	
Debian -- Security Information -- DSA-5034-1 thunderbird	DEBIAN	<a href="#">www.debian.org</a>	

[SECURITY] [DLA 2863-1] firefox-esr security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
[SECURITY] [DLA 2874-1] thunderbird security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[159449](#) Oracle Enterprise Linux Security Update for firefox (ELSA-2021-4116)

[159450](#) Oracle Enterprise Linux Security Update for firefox (ELSA-2021-4123)

[159451](#) Oracle Enterprise Linux Security Update for thunderbird (ELSA-2021-4130)

[159452](#) Oracle Enterprise Linux Security Update for thunderbird (ELSA-2021-4134)

[178948](#) Debian Security Update for firefox-esr (DSA 5026-1)

[178970](#) Debian Security Update for firefox-esr (DLA 2863-1)

[178983](#) Debian Security Update for thunderbird (DSA 5034-1)

[178986](#) Debian Security Update for thunderbird (DLA 2874-1)

[179876](#) Debian Security Update for firefox-esr (CVE-2021-38507)

[198556](#) Ubuntu Security Notification for Firefox Vulnerabilities (USN-5131-1)

[198581](#) Ubuntu Security Notification for Thunderbird Vulnerabilities (USN-5152-1)

[198641](#) Ubuntu Security Notification for Thunderbird Vulnerabilities (USN-5248-1)

[239773](#) Red Hat Update for firefox (RHSA-2021:4116)

[239774](#) Red Hat Update for thunderbird (RHSA-2021:4133)

[239775](#) Red Hat Update for thunderbird (RHSA-2021:4130)

[239776](#) Red Hat Update for thunderbird (RHSA-2021:4134)

[239777](#) Red Hat Update for firefox (RHSA-2021:4123)

[239778](#) Red Hat Update for thunderbird (RHSA-2021:4132)

[239853](#) Red Hat Update for firefox (RHSA-2021:4605)

[239860](#) Red Hat Update for firefox (RHSA-2021:4607)

[257117](#) CentOS Security Update for thunderbird (CESA-2021:4134)

[257118](#) CentOS Security Update for firefox (CESA-2021:4116)

<a href="#">296066</a> Oracle Solaris 11.4 Support Repository Update (SRU) 40.107.3 Missing (CPUOCT2021)
<a href="#">376014</a> Mozilla Firefox ESR Multiple Vulnerabilities (MFSA2021-49)
<a href="#">376015</a> Mozilla Firefox Multiple Vulnerabilities (MFSA2021-48)
<a href="#">376038</a> Mozilla Thunderbird Multiple Vulnerabilities (MFSA2021-50)
<a href="#">502070</a> Alpine Linux Security Update for firefox-esr
<a href="#">502082</a> Alpine Linux Security Update for firefox
<a href="#">502381</a> Alpine Linux Security Update for thunderbird
<a href="#">503632</a> Alpine Linux Security Update for thunderbird
<a href="#">503634</a> Alpine Linux Security Update for thunderbird
<a href="#">503650</a> Alpine Linux Security Update for thunderbird
<a href="#">503669</a> Alpine Linux Security Update for thunderbird
<a href="#">503853</a> Alpine Linux Security Update for firefox
<a href="#">506260</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="#">751360</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2021:3651-1)
<a href="#">751371</a> OpenSUSE Security Update for MozillaFirefox (openSUSE-SU-2021:3745-1)
<a href="#">751387</a> SUSE Enterprise Linux Security Update for MozillaFirefox (SUSE-SU-2021:3721-1)
<a href="#">751542</a> OpenSUSE Security Update for MozillaThunderbird (openSUSE-SU-2021:4150-1)
<a href="#">751566</a> OpenSUSE Security Update for MozillaThunderbird (openSUSE-SU-2021:1635-1)
<a href="#">940017</a> AlmaLinux Security Update for thunderbird (ALSA-2021:4130)
<a href="#">940364</a> AlmaLinux Security Update for firefox (ALSA-2021:4123)
<a href="#">960054</a> Rocky Linux Security Update for firefox (RLSA-2021:4123)
<a href="#">960744</a> Rocky Linux Security Update for thunderbird (RLSA-2021:4130)

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