

CYBER GUIDANCE ISSUE 0264

UPDATES FOR FIREFOX, FIREFOX ESR, AND THUNDERBIRD

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IMPACT	LOW	MEDIUM	HIGH
EASE OF EXPLOIT	LOW	MEDIUM	HIGH

OVERVIEW

Mozilla has released security updates to address vulnerabilities in Firefox 107, Firefox ESR102.5, and Thunderbird 102.5. An attacker can exploit these vulnerabilities to gain access to information and the system to perform a variety of actions resulting in the potential for numerous possible attack types.

BREAKDOWN

Security updates have been released to address nineteen vulnerabilities in Firefox 107, eight of which received the security risk rating “high.” This is the most commonly used version of the Mozilla browsers that users are likely to have on their device. There are many possible attacks a bad actor could use, including the ability to redirect a user to a URL and distribute SameSite=Strict cookies, which could potentially lead to phishing attempts. Firefox ESR (Extended Support Release) 102.5 is an official version of Firefox developed for large organisations that must set up and maintain Firefox on a large scale. Security patches for fourteen vulnerabilities were released, and seven have an impact description of “high.” The vulnerability tracked as CVE-2022-45408 allows attackers to cause a window to go fullscreen without the user seeing the notification prompt, resulting in potential user confusion, or spoofing attacks.

Updates are available for seven critical vulnerabilities in Thunderbird 102.5 - Mozilla’s free email application. The latest updates also resolve CVE-2022-45411 which had an issue with Cross-site tracing that could pose security and privacy risks.

REMEDIATION STEPS

- Install the necessary security patches and set up a means to monitor for vendor security updates or check regularly to ensure new security patches are not missed.
- Establish a means to monitor for security alerts, and regularly update third-party applications and services in your Enterprise environment.

REFERENCES & RESOURCES

CISA: <https://www.cisa.gov/uscert/ncas/current-activity/2022/11/16/mozilla-releases-security-updates-multiple-products>
Mozilla: <https://www.mozilla.org/en-US/security/advisories/mfsa2022-47/>