



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates – Mozilla Thunderbird
Tracking #:432317279
Date:16-05-2025

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Mozilla has released security updates to patch multiple vulnerabilities in its Thunderbird product.

TECHNICAL DETAILS:

Mozilla has released security updates to address multiple vulnerabilities in Thunderbird. These vulnerabilities could allow email sender spoofing, unsolicited file downloads, disk space exhaustion, credential leakage, and arbitrary JavaScript execution.

Vulnerability Details:

1. CVE-2025-3875: Sender Spoofing via Malformed From Header
 - **Description:** Attackers may craft emails with malformed 'From' headers, causing Thunderbird to display a spoofed sender address. This can be used for phishing and social engineering.
 - **Impact:** Users may be tricked into trusting malicious emails, increasing the risk of credential theft or malware delivery.
2. CVE-2025-3877: Unsolicited File Download, Disk Space Exhaustion, and Credential Leakage via mailbox:/// Links
 - **Description:** Specially crafted HTML emails can force Thunderbird to download files to the user's system without consent, potentially exhausting disk space or leaking credentials (e.g., via SMB links on Windows).
 - **Impact:** System performance degradation, denial of service, or credential exposure.
3. CVE-2025-3909: JavaScript Execution via Spoofed PDF Attachment and file:/// Link
 - **Description:** Malicious attachments may be rendered as HTML instead of PDF, allowing embedded JavaScript to execute in the local file context, potentially leading to code execution.
 - **Impact:** Remote code execution on the user's system.

Fixed Versions:

- Thunderbird 138.0.1
- Thunderbird 128.10.1

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the security updates recently released by Mozilla.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- <https://www.mozilla.org/en-US/security/advisories/mfsa2025-35/>
- <https://www.mozilla.org/en-US/security/advisories/mfsa2025-34/>