مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Security Updates – Mozilla
Tracking #:432318130
Date:12-12-2025

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Mozilla has released security updates to address multiple vulnerabilities in Firefox, Firefox ESR, and Thunderbird.

TECHNICAL DETAILS:

Mozilla has released security updates addressing multiple vulnerabilities across Firefox, Firefox ESR, and Thunderbird. Several high-severity flaws were identified that could lead to memory corruption, sandbox escape, elevated privileges, or arbitrary code execution, potentially resulting in full browser compromise.

High-Severity Vulnerabilities
- **CVE-2025-14321 – WebRTC: Signaling**
  A use-after-free vulnerability in the WebRTC Signaling component could lead to memory corruption and possible code execution.
- **CVE-2025-14322 – Graphics: CanvasWebGL**
  A flaw caused by incorrect boundary conditions in the CanvasWebGL component could allow a sandbox escape.
- **CVE-2025-14323 – DOM: Notifications**
  A privilege escalation issue in the DOM Notifications component may allow elevated browser permissions.
- **CVE-2025-14324, CVE-2025-14325 – JavaScript Engine: JIT**
  A miscompilation issue in the JavaScript JIT engine may lead to unpredictable script execution or exploitation.

Impact
Exploitation of these vulnerabilities can lead to significant security risks, including memory corruption, sandbox escape, elevated privileges within the browser, arbitrary code execution, and ultimately full compromise of the browser environment.

Fixed Versions:
- Firefox 146
- Firefox ESR 115.31
- Firefox ESR 140.6
- Thunderbird 146
- Thunderbird 140.6

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the latest updates 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.

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REFERENCES:

- https://www.mozilla.org/en-US/security/advisories/mfsa2025-92/
- https://www.mozilla.org/en-US/security/advisories/mfsa2025-93/
- https://www.mozilla.org/en-US/security/advisories/mfsa2025-94/
- https://www.mozilla.org/en-US/security/advisories/mfsa2025-95/
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