مجلس الأمن السيـبراني
CYBER SECURITY COUNCIL

United Arab Emirates

Security Updates - Mozilla
Tracking #:432317620
Date:20-08-2025

TLP: WHITE

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Mozilla has released security updates to address multiple vulnerabilities in its products.

TECHNICAL DETAILS:

Mozilla has released security updates to address multiple vulnerabilities affecting Firefox, Firefox ESR, Thunderbird, and Focus for iOS. Successful exploitation of these vulnerabilities could allow sandbox escapes, same-origin policy bypass, memory corruption, spoofing, and denial-of-service (DoS) conditions.

High-Severity Vulnerabilities:
- **CVE-2025-9179:** Sandbox escape due to invalid pointer in the Audio/Video: GMP component
- **CVE-2025-9180**: Same-origin policy bypass in the Graphics: Canvas2D component
- **CVE-2025-9184**: Memory safety bugs fixed in Firefox ESR 140.2, Thunderbird ESR 140.2, Firefox 142 and Thunderbird 142
- **CVE-2025-9185**: Memory safety bugs fixed in Firefox ESR 115.27, Firefox ESR 128.14, Thunderbird ESR 128.14, Firefox ESR 140.2, Thunderbird ESR 140.2, Firefox 142 and Thunderbird 142
- **CVE-2025-9187**: Memory safety bugs fixed in Firefox 142 and Thunderbird 142
- **CVE-2025-55030**: Content-Disposition headers incorrectly ignored for some MIME types
- **CVE-2025-55032**: Focus incorrectly ignores Content-Disposition headers for some MIME types

Moderate-Severity Vulnerabilities:
- **CVE-2025-9181**: Uninitialized memory in the JavaScript Engine component
- **CVE-2025-55028**: JavaScript alerts could impede UI interaction or allow denial of service attacks
- **CVE-2025-55031**: Passkey phishing within Bluetooth range
- **CVE-2025-55033**: Drag and drop gestures in Focus for iOS could allow JavaScript links to be executed incorrectly

Low Severity Vulnerabilities:
- **CVE-2025-9182**: Denial-of-service due to out-of-memory in the Graphics: WebRender component
- **CVE-2025-9183**: Spoofing issue in the Address Bar component
- **CVE-2025-9186**: Spoofing issue in the Address Bar component of Firefox Focus for Android
- **CVE-2025-55029**: Malicious scripts could spam popups for denial of service attacks

Fixed Versions:
- Thunderbird 140.2
- Thunderbird 128.14
- Thunderbird 142
- Focus for iOS 142
- Firefox for iOS 142
- Firefox ESR 140.2

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- Firefox ESR 128.14
- Firefox ESR 115.27
- Firefox 142

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the fixed or latest security 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.

REFERENCES:

- https://www.mozilla.org/en-US/security/advisories/