

مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates – Mozilla Firefox

Tracking #:432317410

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Mozilla has released security updates for Firefox to address high and moderate severity vulnerabilities. These vulnerabilities could allow attackers to crash applications or track users via a persistent browser UUID exposed by the WebCompat extension.

TECHNICAL DETAILS:

Vulnerability Details:

- **CVE-2025-6424: Use-after-free in FontFaceSet**
 - **Severity:** High
 - **Impact:** A use-after-free in FontFaceSet resulted in a potentially exploitable crash.
- **CVE-2025-6425: The WebCompat WebExtension shipped with Firefox exposed a persistent UUID**
 - **Severity:** Moderate
 - **Impact:** An attacker who enumerated resources from the WebCompat extension could have obtained a persistent UUID that identified the browser and persisted between containers and normal/private browsing mode, but not profiles.
- **CVE-2025-6426: No warning when opening executable terminal files on macOS**
 - **Severity:** Moderate
 - **Impact:** The executable file warning did not warn users before opening files with the terminal extension. This bug only affects Firefox for macOS. Other versions of Firefox are unaffected.

Fixed Versions:

- Firefox 140
- Firefox ESR 115.25
- Firefox ESR 128.12

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/mfsa2025-51/>
- <https://www.mozilla.org/en-US/security/advisories/mfsa2025-52/>
- <https://www.mozilla.org/en-US/security/advisories/mfsa2025-53/>