



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates – Mozilla Firefox
Tracking #:432317282
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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 Firefox and Firefox ESR products.

TECHNICAL DETAILS:

Mozilla has released important security updates to address multiple vulnerabilities affecting Firefox and Firefox ESR. These vulnerabilities could allow an attacker to perform out-of-bounds read or write operations on JavaScript objects, potentially leading to security breaches.

Vulnerabilities Details:

CVE-2025-4918: Out-of-bounds Access when Resolving Promise Objects

- **Severity:** **Critical**
- This vulnerability allows an attacker to perform an out-of-bounds read or write on a JavaScript Promise object. Successful exploitation could enable remote code execution or compromise browser integrity.

CVE-2025-4919: Out-of-bounds Access when Optimizing Linear Sums

- **Severity:** **Critical**
- This flaw enables an attacker to perform an out-of-bounds read or write on a JavaScript object by confusing array index sizes, potentially leading to arbitrary code execution.

Fixed Versions:

- Firefox 138.0.4
- Firefox ESR 128.10.1
- Firefox ESR 115.23.1

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/mfsa2025-36/>
- <https://www.mozilla.org/en-US/security/advisories/mfsa2025-37/>
- <https://www.mozilla.org/en-US/security/advisories/mfsa2025-38/>