



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates – Mozilla Firefox

Tracking #:432318917

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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 and Firefox ESR.

TECHNICAL DETAILS:

Mozilla has released security updates for Firefox and Firefox ESR addressing multiple vulnerabilities, including a use-after-free flaw, WebRTC issue, and multiple memory safety bugs. Some of these issues may lead to memory corruption and potential arbitrary code execution.

Vulnerability Details

High Severity

- **CVE-2026-8090**
 - A use-after-free vulnerability exists in the DOM networking component. Improper memory handling may result in memory corruption and potential exploitation.
- **CVE-2026-8091**
 - Incorrect boundary conditions in the Audio/Video playback component may lead to unstable behavior and potential security risks.
- **CVE-2026-8092**
 - Multiple memory safety issues affecting Firefox ESR and Firefox releases. These flaws show evidence of memory corruption and may be exploitable for arbitrary code execution under certain conditions.
- **CVE-2026-8093**
 - Memory safety vulnerabilities in Firefox 150.0.1 may lead to memory corruption and potential arbitrary code execution.
- **CVE-2026-8094**
 - A vulnerability in the WebRTC component may allow improper handling of real-time communication data, posing a potential security risk.

Fixed Versions

- Firefox **150.0.2**
- Firefox ESR **115.35.2**
- Firefox ESR **140.10.2**

RECOMMENDATIONS:

The UAE Cyber Security Council recommends installing the latest versions 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/mfsa2026-40/>
- <https://www.mozilla.org/en-US/security/advisories/mfsa2026-41/>
- <https://www.mozilla.org/en-US/security/advisories/mfsa2026-42/>