



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates – Mozilla

Tracking #:432319161

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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, Firefox for iOS, and Thunderbird.

TECHNICAL DETAILS:

Mozilla has released security updates for Firefox, Firefox ESR, Firefox for iOS, and Thunderbird to address multiple security vulnerabilities, including several high-severity flaws. The vulnerabilities could allow attackers to disclose sensitive information, manipulate cookies, elevate privileges, bypass sandbox protections, trigger memory corruption, and potentially achieve arbitrary code execution. Exploitation of these vulnerabilities could enable unauthorized access to affected systems and compromise the confidentiality, integrity, and availability of data.

Vulnerability Details:

High Severity

- **CVE-2026-53899**: Cross-origin cookies could be leaked when opening a PDF link.
- **CVE-2026-53900**: Cookie injection was possible when opening a PDF link.
- **CVE-2026-12289**: Privilege escalation in the Graphics: WebRender component.
- **CVE-2026-12291**: Use-after-free in the Networking: HTTP component.
- **CVE-2026-12292**: Incorrect boundary conditions in the Web Audio component.
- **CVE-2026-12293**: Use-after-free in the Graphics: WebGPU component.
- **CVE-2026-12294, CVE-2026-12295, CVE-2026-12296, CVE-2026-12297**: Multiple sandbox escape vulnerabilities affecting DOM Workers, DOM Navigation, Process Sandboxing, and Networking components.
- **CVE-2026-12299**: JIT miscompilation in the DOM: Core & HTML component.
- **CVE-2026-12290, CVE-2026-12298, CVE-2026-12326, CVE-2026-12328, CVE-2026-12329**: Multiple memory-safety vulnerabilities that could potentially lead to memory corruption and arbitrary code execution.

Fixed Versions

- Firefox 152
- Firefox ESR 140.12
- Firefox ESR 115.37
- Firefox for iOS 152.0
- Thunderbird 152
- Thunderbird 140.12

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/>