مجلس الأمن السيبراني
CYBER SECURITY COUNCIL

United Arab Emirates

**Security Updates-Mozilla Products**
Tracking #:432317998
Date:13-11-2025

TLP: WHITE

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## EXECUTIVE SUMMARY:

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

## TECHNICAL DETAILS:

Mozilla has released security updates addressing multiple high-severity vulnerabilities in Firefox 145 Firefox ESR 140.5 and Firefox ESR 115.30.These vulnerabilities could allow attackers to escape sandbox restrictions, bypass security mitigations, or execute arbitrary code on affected systems.

### Key Vulnerabilities Fixed:
- CVE-2025-13021, CVE-2025-13022, CVE-2025-13023, CVE-2025-13025, CVE-2025-13026: WebGPU boundary condition errors and sandbox escapes
- CVE-2025-13016, CVE-2025-13024: JavaScript / WebAssembly JIT miscompilation leading to possible code execution
- CVE-2025-13012: Race condition in Graphics component
- CVE-2025-13027: Memory safety bugs leading to potential arbitrary code execution
- Additional moderate vulnerabilities affecting DOM, WebRTC, and Audio/Video components

### Fixed Version:
- Mozilla Firefox version 145
- Firefox ESR version 140.5
- Firefox ESR 115.30

## RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the latest 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/mfsa2025-87/
- https://www.mozilla.org/en-US/security/advisories/mfsa2025-88/
- https://www.mozilla.org/en-US/security/advisories/mfsa2025-89/