

مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates – Mozilla Firefox

Tracking #:432317875

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Mozilla has released security updates to address a high-severity vulnerability in Firefox.

TECHNICAL DETAILS:

Mozilla has released security updates to address a high-severity vulnerability in Firefox that could allow a compromised child process to trigger a use-after-free condition, potentially leading to sandbox escape and further compromise.

Vulnerability Details:

- **CVE-2025-12380:** Use-after-free in WebGPU internals triggered from a compromised child process.
- Severity: High
- Starting with Firefox 142, a compromised child process could exploit WebGPU-related IPC calls to cause a use-after-free in the GPU or browser process. This could allow an attacker to escape the sandbox and execute arbitrary code.

Fixed Version:

- Mozilla Firefox 144.0.2 or later

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/mfsa2025-86/>