



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Mozilla Security Updates

Tracking #:432315956

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Mozilla recently released security updates to patch multiple vulnerabilities in its products.

TECHNICAL DETAILS:

Mozilla has released security updates to address multiple vulnerabilities in Firefox, Firefox ESR, and Firefox for iOS. These vulnerabilities could potentially allow an attacker to:

- Gain unauthorized access to user data
- Crash the application
- Execute arbitrary code on the user's system
- Spoof the location URL bar

High-Severity Vulnerabilities Details:

- **CVE-2024-5687:** An incorrect principal could be used when opening new tabs. This vulnerability could potentially allow an attacker to gain unauthorized access to user data.
- **CVE-2024-5688:** Use-after-free in JavaScript object transplant. This vulnerability could potentially crash the application or execute arbitrary code on the user's system.
- **CVE-2024-5700, CVE-2024-5701:** Memory safety bugs. These vulnerabilities could potentially crash the application or execute arbitrary code on the user's system.
- **CVE-2024-5702:** Use-after-free in networking. This vulnerability could potentially crash the application.
- **CVE-2024-38313:** Location URL bar could be visually spoofed with a fake toolbar. This vulnerability could be used for social engineering attacks.

Fixed Versions:

- Firefox 127
- Firefox ESR 115.12
- Firefox for iOS 127

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/>