



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates – Chrome OS

Tracking #:432317113

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Google has released security updates to address multiple vulnerabilities in Chrome OS.

TECHNICAL DETAILS:

Google has issued critical security updates for ChromeOS, resolving multiple vulnerabilities in both Stable and Long Term Support (LTS) channels. These include high-severity flaws that pose risks of arbitrary code execution and browser security compromise.

Vulnerabilities Details:

Stable Channel:

- **CVE-2025-3066 (High severity):** Use after free vulnerability in Site Isolation. This flaw could allow attackers to execute arbitrary code or compromise browser security, potentially leading to data leakage or further exploitation.
- **CVE-2025-3069 (Medium severity):** Inappropriate implementation in Extensions.
- **CVE-2025-3070 (Medium severity):** Insufficient validation of untrusted input in Extensions.
- **CVE-2025-3071 (Low severity):** Inappropriate implementation in Navigations
- **CVE-2025-3073 (Low severity):** Inappropriate implementation in Autofill
- **CVE-2025-3074 (Low severity):** Inappropriate implementation in Downloads

Long Term Support (LTS) Channel:

- **CVE-2024-11477 (High severity)**
- **CVE-2024-26921**

Impact:

The critical use-after-free vulnerability in Site Isolation poses a significant risk of arbitrary code execution and browser compromise. Other vulnerabilities, while lower in severity, could be exploited for privilege escalation, information disclosure, or other malicious activities, particularly involving browser extensions and autofill features

Fixed Version:

- Stable Channel Update for ChromeOS / ChromeOS Flex:
 - M-135, ChromeOS version 16209.50.0 (Browser version 135.0.7049.104)
- Long Term Support Channel Update for ChromeOS:
 - A new LTS version 126.0.6478.270 (Platform Version: 15886.95.0)

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the security updates recently released by Google for Chrome OS.

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://chromereleases.googleblog.com/2025/04/stable-channel-update-for-chromeos_17.html
- <https://chromereleases.googleblog.com/2025/04/long-term-support-channel-update-for.html>