



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates- Android
Tracking #:432316473
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EXECUTIVE SUMMARY:

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

TECHNICAL DETAILS:

Google has released security updates for Android to address multiple vulnerabilities, including two that are actively being exploited by threat actors: CVE-2024-43047 and CVE-2024-43093. These vulnerabilities pose significant risks to Android devices, potentially allowing attackers to gain unauthorized access and compromise sensitive information.

Google released patches in two levels:

1. November 1 Patch Level (2024-11-01): Addresses core Android components
2. November 5 Patch Level (2024-11-05): Targets hardware-specific vulnerabilities

Vulnerability Details:

- **CVE-2024-43047:**
 - **Severity:** High (CVSS 7.8)
 - **Impact:** Memory corruption leading to potential privilege escalation and device compromise.
 - **Affected Components:** Qualcomm Digital Signal Processor (DSP) service.
- **CVE-2024-43093:**
 - **Severity:** High
 - **Impact:** Privilege escalation.
 - **Affected Components:** Android Framework.

Affected Versions:

- Android 12, 12L, 13, 14, 15

Note: Refer to Android Security Bulletin for additions CVEs and more information

RECOMMENDATIONS:

The UAE Cyber Security Council recommends updating Android devices to the latest Android version released by Google.

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://source.android.com/docs/security/bulletin/2024-11-01>