

مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates-Android
Tracking #:432316926
Date:04-03-2025

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Google has issued the Android Security Bulletin for March 2025, addressing multiple high-risk vulnerabilities impacting Android devices including two exploited vulnerabilities.

TECHNICAL DETAILS:

Google has issued the Android Security Bulletin for March 2025, addressing multiple high-risk vulnerabilities impacting Android devices. Among these, CVE-2024-43093 and CVE-2024-50302 have been confirmed as actively exploited, posing serious security risks to users. These vulnerabilities can lead to remote code execution (RCE), privilege escalation (EoP), and denial of service (DoS) attacks, potentially compromising sensitive user data and device integrity.

Vulnerability Details:

Actively Exploited Vulnerabilities

- **CVE-2024-43093** – An **Elevation of Privilege (EoP)** flaw in the Android Framework and Google Play system updates, specifically impacting the **Documents UI component**.
- **CVE-2024-50302** – A **high-severity issue in the Linux Kernel (HID: core)** that allowed unauthorized access to kernel memory, exploited in real-world attacks for unauthorized device access and spyware installation.

Critical Remote Code Execution (RCE) Vulnerabilities

- **CVE-2025-0074, CVE-2025-0075, CVE-2025-0084, CVE-2025-22403, CVE-2025-22408, CVE-2025-22410, CVE-2025-22411, CVE-2025-22412** – Multiple **critical RCE flaws** in the Android System, allowing attackers to execute code remotely without user interaction.
- **Affected Versions:** Android 13, 14, and 15.

RECOMMENDATIONS:

The UAE Cyber Security Council recommends to update Android devices to the latest security patch level.

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/2025-03-01>