



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates - Samsung

Tracking #:432316586

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Samsung Mobile has released security updates for its major flagship models to address multiple vulnerabilities.

TECHNICAL DETAILS:

Samsung Mobile has released a maintenance update for its major flagship models as part of the December 2024 Security Maintenance Release (SMR) process. This update includes security patches from both Google and Samsung to address various vulnerabilities.

Google Patches:

The Android Security Bulletin for December 2024 addresses the following vulnerabilities:

Critical

- CVE-2024-38408, CVE-2024-43096, CVE-2024-43770, CVE-2024-43771, CVE-2024-49747, CVE-2024-49748

High

- CVE-2024-34747, CVE-2024-40671, CVE-2024-34729, CVE-2024-31337, CVE-2023-35659, CVE-2023-35686, CVE-2024-23715, CVE-2024-36978, CVE-2024-46740, CVE-2024-20106, CVE-2024-20104, CVE-2024-23385, CVE-2024-38403, CVE-2024-38424, CVE-2024-38415, CVE-2024-38423, CVE-2024-38421, CVE-2024-21455, CVE-2024-43047, CVE-2024-38405, CVE-2024-43762, CVE-2024-43764, CVE-2024-43769, CVE-2024-43767, CVE-2024-43097, CVE-2024-43768, CVE-2024-43766, CVE-2024-43763

Samsung-specific Patches:

Critical

- SVE-2024-1845 (CVE-2024-49415): Out-of-bound write in libsaped.so, allowing remote code execution

High

- SVE-2024-1485 (CVE-2024-49410): Out-of-bounds write in libswmfextractor.so, allowing local code execution
- SVE-2024-2044 (CVE-2024-49413): Improper verification of cryptographic signature in SmartSwitch, allowing installation of malicious applications

Moderate

- SVE-2024-1808 (CVE-2024-49411): Path traversal in ThemeCenter
- SVE-2024-1885 (CVE-2024-49412): Improper input validation in Settings for Galaxy Watch
- SVE-2024-2166 (CVE-2024-49414): Authentication bypass in Dex Mode

Samsung Semiconductor Patches:

- CVE-2024-39343
- CVE-2024-39890

Affected Versions:

Android 12, 13, 14

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the security updates recently released by Samsung.

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://security.samsungmobile.com/securityUpdate.smsb>