



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Security Updates- Samsung**  
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## EXECUTIVE SUMMARY:

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

## TECHNICAL DETAILS:

The update fixes two critical vulnerabilities that could lead to memory corruption and 28 high-risk vulnerabilities in the Android OS. The Galaxy-specific updates focus on preventing unauthorized access to users' data and devices

### Google Patches:

The SMR package includes Google patches up to the Android Security Bulletin – October 2024. This bulletin addresses the following CVE items:

### Critical Severity:

CVE-2024-33042, CVE-2024-33052

### High-Severity:

CVE-2024-3655, CVE-2024-31336, CVE-2024-23716, CVE-2024-36972, CVE-2024-23365, CVE-2024-23362, CVE-2024-33016, CVE-2024-33045, CVE-2024-33054, CVE-2024-33038, CVE-2024-33035, CVE-2024-33034, CVE-2024-33060, CVE-2024-23358, CVE-2024-23359, CVE-2024-23364, CVE-2024-33051, CVE-2024-33057, CVE-2024-33050, CVE-2024-33048, CVE-2024-33043, CVE-2024-0044, CVE-2024-40676, CVE-2024-40675, CVE-2024-40673, CVE-2024-40672, CVE-2024-40677, CVE-2024-40674

### Already included in previous updates:

CVE-2024-20017

### Not applicable to Samsung devices:

CVE-2024-39432, CVE-2024-39431

**Samsung Vulnerabilities and Exposures (SVEs):** Along with Google patches and Samsung Semiconductor patches, Samsung Mobile provides 12 Samsung Vulnerabilities and Exposures (SVE) items.

## 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>