**Overall rating: Critical**

BRITISH COLUMBIA

**This notification is intended as an informational bulletin for technical audiences.**

## Summary

The Vulnerability and Risk Management (VRM) Team is aware that Android published a security bulletin to address vulnerabilities affecting Android devices.

## Technical Details

The most severe of these issues is a critical security vulnerability in the System component that could lead to remote (proximal/adjacent) code execution with no additional execution privileges needed. User interaction is not needed for exploitation. The severity assessment is based on the effect that exploiting the vulnerability would possibly have on an affected device, assuming the platform and service mitigations are turned off for development purposes or if successfully bypassed.

Refer to the Android and Google Play Protect mitigations section for details on the Android security platform protections and Google Play Protect, which improve the security of the Android platform.

These vulnerabilities are rated as an overall **Critical** Severity.

## Recommended Action

- Investigate how your area of responsibility is affected.

- Notify business owner(s) as required.

- *Ensure mitigation is performed at your next change window.*

Please notify VRM with any questions or concerns you may have.

## References

CVE-2023-40077, CVE-2023-40076, CVE-2023-40079, CVE-2023-40089, CVE-2023-40092, CVE-2023-40094, CVE-2023-40095, CVE-2023-40096, CVE-2023-40103, CVE-2023-45774, CVE-2023-45777, CVE-2023-21267, CVE-2023-40073, CVE-2023-40081, CVE-2023-40092, CVE-2023-40074, CVE-2023-40075CVE-2023-40088, CVE-2023-40078, CVE-2023-40080, CVE-2023-40082, CVE-2023-40084, CVE-2023-40087, CVE-2023-40090, CVE-2023-40097, CVE-2023-45773, CVE-2023-45775, CVE-2023-45776, CVE-2023-21394, CVE-2023-35668, CVE-2023-40083, CVE-2023-40098, CVE-2023-45781, CVE-2023-45866 CVE-2023-3889, CVE-2023-4272, CVE-2023-32804, CVE-2023-21162, CVE-2023-21163, CVE-2023-21164CVE-2023-21166, CVE-2023-21215, CVE-2023-21216, CVE-2023-21217, CVE-2023-21218, CVE-

2023-21228, CVE-2023-21263, CVE-2023-21401, CVE-2023-21402, CVE-2023-21403, CVE-2023-35690, CVE-2023-21227, CVE-2023-32818, CVE-2023-32847, CVE-2023-32848, CVE-2023-32850, CVE-2023-32851 CVE-2023-45779, CVE-2022-48456, CVE-2022-48461, CVE-2022-48454, CVE-2022-48455, CVE-2022-48457, CVE-2022-48458, CVE-2022-48459, CVE-2023-28588, CVE-2023-33053, CVE-2023-33063, CVE-2023-33079, CVE-2023-33087, CVE-2023-33092, CVE-2023-33106

- CVE-2023-33107[Android Security Bulletin](Android Security Bulletin)