Overall Rating: High

This is a technical bulletin intended for technical audiences.

Summary

The Vulnerability and Risk Management (VRM) Team has been made aware of the release of the Android Security Bulletin for June 2024. The vulnerability affects Android versions 12, 12L, 13, and 14.

Technical Details

The Android Security Bulletin contains details of security vulnerabilities affecting Android devices. Security patch levels of 2024-06-05 or later address all these issues.

The most severe of these issues is a high security vulnerability in the System component that could lead to local escalation of privilege with no additional execution privileges needed. 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.

In the links below, are details for each of the security vulnerabilities that apply to the 2024-06-01 patch level. Vulnerabilities are grouped under the component they affect. Issues are described in the tables and include CVE ID, associated references, type of vulnerability, severity, and updated AOSP versions (where applicable).

This vulnerability is rated as a **HIGH** risk. A software update exists to address this risk.

Action Required

- Locate the device or application and investigate.
- Notify business owner(s).
- Perform mitigating actions, as required.

Please notify VRM with any questions or concerns you may have atVulnerabilityandRiskManagement@gov.bc.ca.

References

- CVE-2023-21113, CVE-2023-21114, CVE-2023-21266, CVE-2023-43538, CVE-2023-43542, CVE-2023-43551, CVE-2023-43556, CVE-2024-0671, CVE-2024-1065, CVE-2024-20065, CVE-2024-20066, CVE-2024-20067, CVE-2024-20068, CVE-2024-20069, CVE-2024-23363, CVE-2024-23695, CVE-2024-23696, CVE-2024-23697, CVE-2024-23698, CVE-2024-23711, CVE-2024-26926, CVE-2024-31310, CVE-2024-31311, CVE-2024-31312, CVE-2024-31313, CVE-2024-31314, CVE-2024-31315, CVE-2024-31316, CVE-2024-31317, CVE-2024-31318, CVE-2024-31319, CVE-2024-31322, CVE-2024-31323, CVE-2024-31324, CVE-2024-31325, CVE-2024-31326, CVE-2024-31327
- Android Security Bulletin—June 2024
- VRM Vulnerability Reports