



# CVE-2023-30688

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2023-30688                                                                                                          |
| <b>State</b>           | PUBLIC                                                                                                                  |
| <b>Assigner</b>        | mobile.security@samsung.com                                                                                             |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                            |
| <b>Published</b>       | 2023-08-10 02:15:00 UTC                                                                                                 |
| <b>Updated</b>         | 2023-11-07 04:13:00 UTC                                                                                                 |
| <b>Description</b>     | Out-of-bounds Write in MakeUiccAuthForOem of libsec-ril prior to SMR Aug-2023 Release 1 allows local attacker to execut |

## Risk And Classification

### Problem Types: CWE-787

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                  | Product                 | Version | Update          | Edition | Language |
|------------------|-------------------------|-------------------------|---------|-----------------|---------|----------|
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | -               | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-apr-2021-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-apr-2022-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-apr-2023-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-aug-2021-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-aug-2022-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-dec-2020-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-dec-2021-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-dec-2022-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-feb-2021-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-feb-2022-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-feb-2023-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-jan-2021-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-jan-2022-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-jan-2023-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-jul-2021-r1 | All     | All      |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0    | smr-jul-2022-r1 | All     | All      |

|                  |                         |                         |      |                 |     |     |
|------------------|-------------------------|-------------------------|------|-----------------|-----|-----|
|                  |                         |                         |      |                 |     |     |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-jul-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-jun-2021-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-jun-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-jun-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-mar-2021-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-mar-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-mar-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-may-2021-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-may-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-may-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-nov-2021-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-nov-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-oct-2021-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-oct-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-sep-2021-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 11.0 | smr-sep-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | -               | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-apr-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-apr-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-aug-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-dec-2021-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-dec-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-feb-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-feb-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-jan-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-jan-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-jul-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-jul-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-jun-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-jun-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-mar-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-mar-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-may-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-may-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-nov-2021-r1 | All | All |

|                  |                         |                         |      |                 |     |     |
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| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-nov-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-oct-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 12.0 | smr-sep-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 13.0 | -               | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 13.0 | smr-apr-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 13.0 | smr-dec-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 13.0 | smr-feb-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 13.0 | smr-jan-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 13.0 | smr-jul-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 13.0 | smr-jun-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 13.0 | smr-mar-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 13.0 | smr-may-2023-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 13.0 | smr-nov-2022-r1 | All | All |
| Operating System | <a href="#">Samsung</a> | <a href="#">Android</a> | 13.0 | smr-oct-2022-r1 | All | All |

| References               |         |                                                                             |                     |
|--------------------------|---------|-----------------------------------------------------------------------------|---------------------|
| Reference                | Source  | Link                                                                        | Tags                |
| Samsung Mobile Security  | MISC    | <a href="https://security.samsungmobile.com">security.samsungmobile.com</a> |                     |
| CVE Program record       | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                               | canonical           |
| NVD vulnerability detail | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                             | canonical, analysis |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.