



# CVE-2023-42535

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

## Summary

<b>CVE</b>	CVE-2023-42535
<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>	2023-11-07 08:15:00 UTC
<b>Updated</b>	2023-11-13 18:10:00 UTC
<b>Description</b>	Out-of-bounds Write in read_block of vold prior to SMR Nov-2023 Release 1 allows local attacker to execute arbitrary code.

## 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>	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-aug-2023-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
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-oct-2023-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>	12.0	smr-sep-2023-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-aug-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
Operating System	<a href="#">Samsung</a>	<a href="#">Android</a>	13.0	smr-oct-2023-r1	All	All
Operating System	<a href="#">Samsung</a>	<a href="#">Android</a>	13.0	smr-sep-2023-r1	All	All

## References

Reference	Source	Link	Tags
Samsung Mobile Security		<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.

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