



CVE-2023-21502

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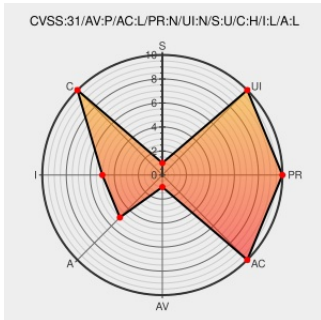
CVE-2023-21502

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Android](#) from [Samsung](#) contain the following vulnerability:

Improper input validation vulnerability in FactoryTest application prior to SMR May-2023 Release 1 allows local attackers to get privilege escalation via debugging commands.

CVE-2023-21502 has been assigned by [S](#) [mobile.security@samsung.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [S](#) **Samsung Mobile** - **Samsung Mobile Devices** version < **SMR May-2023 Release 1**

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVE References

Description	Tags	Link
Samsung Mobile Security	security.samsungmobile.com text/html	MISC security.samsungmobile.com/securityUpdate.smsb?year=2023&month=05

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CVE V3.0)

Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Samsung	Android	12.0	-	All	All
Operating System	Samsung	Android	12.0	smr-apr-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-aug-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-dec-2021-r1	All	All
Operating System	Samsung	Android	12.0	smr-dec-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-feb-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-feb-2023-r1	All	All
Operating System	Samsung	Android	12.0	smr-jan-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-jul-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-jun-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-mar-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-may-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-nov-2021-r1	All	All
Operating System	Samsung	Android	12.0	smr-nov-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-oct-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-sep-2022-r1	All	All
Operating System	Samsung	Android	13.0	-	All	All
Operating System	Samsung	Android	13.0	smr-apr-2023-r1	All	All
Operating System	Samsung	Android	13.0	smr-dec-2022-r1	All	All
Operating System	Samsung	Android	13.0	smr-feb-2023-r1	All	All
Operating System	Samsung	Android	13.0	smr-jan-2023-r1	All	All
Operating System	Samsung	Android	13.0	smr-mar-2023-r1	All	All

Operating System	Samsung	Android	13.0	smr-nov-2022-r1	All	All
Operating System	Samsung	Android	13.0	smr-oct-2022-r1	All	All
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cpe:2.3:o:samsung:android:12.0:smr-aug-2022-r1:*:*:*:*:*:						
cpe:2.3:o:samsung:android:12.0:smr-dec-2021-r1:*:*:*:*:*:						
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No vendor comments have been submitted for this CVE

Social Mentions		
Source	Title	Posted (UTC)
 @RedPacketSec	Samsung Mobiles privilege escalation CVE-2023-21502 - redpacketsecurity.com/samsung-mobile... #CVE #Vulnerability #OSINT #ThreatIntel #Cyber	2023-05-06 09:04:15
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