



CVE-2023-21426

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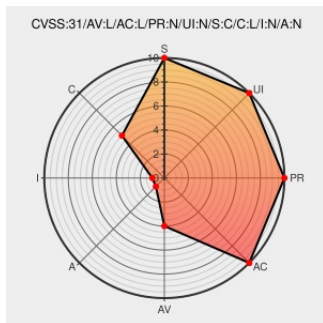
CVE-2023-21426

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



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

Hardcoded AES key to encrypt cardemulation PINs in NFC prior to SMR Jan-2023 Release 1 allows attackers to access cardemulation PIN.

CVE-2023-21426 has been assigned by [S](#) mobile.security@samsung.com to track the vulnerability - currently rated as **MEDIUM** severity.

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

CVSS3 Score: **5.5 - MEDIUM**

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

CVE References

Description	Tags	Link
Samsung Mobile Security	security.samsungmobile.com/text/html	MISC security.samsungmobile.com/securityUpdate.smsb?year=2023&month=01

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Samsung	Android	10.0	-	All	All
Operating System	Samsung	Android	10.0	smr-apr-2020-r1	All	All
Operating System	Samsung	Android	10.0	smr-apr-2021-r1	All	All
Operating System	Samsung	Android	10.0	smr-apr-2022-r1	All	All
Operating System	Samsung	Android	10.0	smr-apr-2023-r1	All	All
Operating System	Samsung	Android	10.0	smr-aug-2020-r1	All	All
Operating System	Samsung	Android	10.0	smr-aug-2021-r1	All	All
Operating System	Samsung	Android	10.0	smr-aug-2022-r1	All	All
Operating System	Samsung	Android	10.0	smr-aug-2023-r1	All	All
Operating System	Samsung	Android	10.0	smr-dec-2019-r1	All	All
Operating System	Samsung	Android	10.0	smr-dec-2020-r1	All	All
Operating System	Samsung	Android	10.0	smr-dec-2021-r1	All	All
Operating System	Samsung	Android	10.0	smr-dec-2022-r1	All	All
Operating System	Samsung	Android	10.0	smr-dec-2023-r1	All	All
Operating System	Samsung	Android	10.0	smr-feb-2020-r1	All	All
Operating System	Samsung	Android	10.0	smr-feb-2021-r1	All	All
Operating System	Samsung	Android	10.0	smr-feb-2022-r1	All	All
Operating System	Samsung	Android	10.0	smr-feb-2023-r1	All	All
Operating System	Samsung	Android	10.0	smr-jan-2020-r1	All	All
Operating System	Samsung	Android	10.0	smr-jan-2021-r1	All	All
Operating System	Samsung	Android	10.0	smr-jan-2022-r1	All	All
Operating	Samsung	Android	10.0	smr-jul-2020-r1	All	All

System						
Operating System	Samsung	Android	10.0	smr-jul-2021-r1	All	All
Operating System	Samsung	Android	10.0	smr-jul-2022-r1	All	All
Operating System	Samsung	Android	10.0	smr-jul-2023-r1	All	All
Operating System	Samsung	Android	10.0	smr-jun-2020-r1	All	All
Operating System	Samsung	Android	10.0	smr-jun-2021-r1	All	All
Operating System	Samsung	Android	10.0	smr-jun-2022-r1	All	All
Operating System	Samsung	Android	10.0	smr-jun-2023-r1	All	All
Operating System	Samsung	Android	10.0	smr-mar-2020-r1	All	All
Operating System	Samsung	Android	10.0	smr-mar-2021-r1	All	All
Operating System	Samsung	Android	10.0	smr-mar-2022-r1	All	All
Operating System	Samsung	Android	10.0	smr-mar-2023-r1	All	All
Operating System	Samsung	Android	10.0	smr-may-2020-r1	All	All
Operating System	Samsung	Android	10.0	smr-may-2021-r1	All	All
Operating System	Samsung	Android	10.0	smr-may-2022-r1	All	All
Operating System	Samsung	Android	10.0	smr-may-2023-r1	All	All
Operating System	Samsung	Android	10.0	smr-nov-2019-r1	All	All
Operating System	Samsung	Android	10.0	smr-nov-2020-r1	All	All
Operating System	Samsung	Android	10.0	smr-nov-2021-r1	All	All
Operating System	Samsung	Android	10.0	smr-nov-2022-r1	All	All
Operating System	Samsung	Android	10.0	smr-nov-2023-r1	All	All
Operating System	Samsung	Android	10.0	smr-oct-2020-r1	All	All
Operating System	Samsung	Android	10.0	smr-oct-2021-r1	All	All
Operating	Samsung	Android	10.0	smr-oct-2022-r1	All	All

System						
Operating System	Samsung	Android	10.0	smr-oct-2023-r1	All	All
Operating System	Samsung	Android	10.0	smr-sep-2020-r1	All	All
Operating System	Samsung	Android	10.0	smr-sep-2021-r1	All	All
Operating System	Samsung	Android	10.0	smr-sep-2022-r1	All	All
Operating System	Samsung	Android	10.0	smr-sep-2023-r1	All	All
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cpe:2.3:o:samsung:android:10.0:smr-apr-2021-r1:*:*:*:*:*:						
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cpe:2.3:o:samsung:android:10.0:smr-aug-2020-r1:*:*:*:*:*:						
cpe:2.3:o:samsung:android:10.0:smr-aug-2021-r1:*:*:*:*:*:						
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cpe:2.3:o:samsung:android:10.0:smr-dec-2019-r1:*:*:*:*:*:						
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cpe:2.3:o:samsung:android:10.0:smr-oct-2023-r1:****.*.*.*.*
cpe:2.3:o:samsung:android:10.0:smr-sep-2020-r1:****.*.*.*.*
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cpe:2.3:o:samsung:android:10.0:smr-sep-2022-r1:****.*.*.*.*
cpe:2.3:o:samsung:android:10.0:smr-sep-2023-r1:****.*.*.*.*

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2023-21426 : Hardcoded AES key to encrypt cardemulation PINs in NFC prior to SMR Jan-2023 Release 1 allows atta... twitter.com/i/web/status/1...	2023-02-09 19:13:46
 @threatmeter	CVE-2023-21426 Samsung Smart Phone NFC hard-coded credentials A vulnerability, which was classified as problemati... twitter.com/i/web/status/1...	2023-02-09 22:50:27
 /r/netcve	CVE-2023-21426	2023-02-09 20:38:37

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