

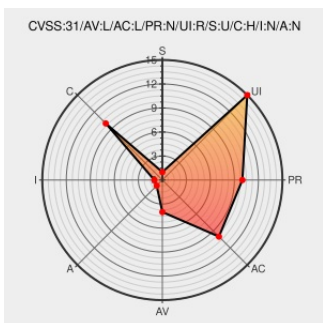


CVE-2023-21445

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CVE-2023-21445

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

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

Improper access control vulnerability in MyFiles prior to versions 12.2.09 in Android R(11), 13.1.03.501 in Android S(12) and 14.1.00.422 in Android T(13) allows local attacker to write file with MyFiles privilege via implicit intent.

CVE-2023-21445 has been assigned by [S](#) [mobile.security@samsung.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [S](#) **Samsung Mobile** - The patch adds proper access control to use explicit intent. version < 12.2.09 in **Android R(11)**, 13.1.03.501 in **Android S(12)** and 14.1.00.422 in **Android T(13)**

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
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/serviceWeb.smsb?year=2023&month=02

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to [comment@cve.report](#).

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	11.0	-	All	All
Operating System	Samsung	Android	11.0	smr-apr-2021-r1	All	All
Operating System	Samsung	Android	11.0	smr-apr-2022-r1	All	All
Operating System	Samsung	Android	11.0	smr-apr-2023-r1	All	All
Operating System	Samsung	Android	11.0	smr-aug-2021-r1	All	All
Operating System	Samsung	Android	11.0	smr-aug-2022-r1	All	All
Operating System	Samsung	Android	11.0	smr-aug-2023-r1	All	All
Operating System	Samsung	Android	11.0	smr-dec-2020-r1	All	All
Operating System	Samsung	Android	11.0	smr-dec-2021-r1	All	All
Operating System	Samsung	Android	11.0	smr-dec-2022-r1	All	All
Operating System	Samsung	Android	11.0	smr-dec-2023-r1	All	All
Operating System	Samsung	Android	11.0	smr-feb-2021-r1	All	All
Operating System	Samsung	Android	11.0	smr-feb-2022-r1	All	All
Operating System	Samsung	Android	11.0	smr-feb-2023-r1	All	All
Operating System	Samsung	Android	11.0	smr-jan-2021-r1	All	All
Operating System	Samsung	Android	11.0	smr-jan-2022-r1	All	All
Operating System	Samsung	Android	11.0	smr-jul-2021-r1	All	All
Operating System	Samsung	Android	11.0	smr-jul-2022-r1	All	All
Operating System	Samsung	Android	11.0	smr-jul-2023-r1	All	All
Operating System	Samsung	Android	11.0	smr-jun-2021-r1	All	All
Operating System	Samsung	Android	11.0	smr-jun-2022-r1	All	All
Operating System	Samsung	Android	11.0	smr-jun-2023-r1	All	All

System						
Operating System	Samsung	Android	11.0	smr-mar-2021-r1	All	All
Operating System	Samsung	Android	11.0	smr-mar-2022-r1	All	All
Operating System	Samsung	Android	11.0	smr-mar-2023-r1	All	All
Operating System	Samsung	Android	11.0	smr-may-2021-r1	All	All
Operating System	Samsung	Android	11.0	smr-may-2022-r1	All	All
Operating System	Samsung	Android	11.0	smr-may-2023-r1	All	All
Operating System	Samsung	Android	11.0	smr-nov-2021-r1	All	All
Operating System	Samsung	Android	11.0	smr-nov-2022-r1	All	All
Operating System	Samsung	Android	11.0	smr-nov-2023-r1	All	All
Operating System	Samsung	Android	11.0	smr-oct-2021-r1	All	All
Operating System	Samsung	Android	11.0	smr-oct-2022-r1	All	All
Operating System	Samsung	Android	11.0	smr-oct-2023-r1	All	All
Operating System	Samsung	Android	11.0	smr-sep-2021-r1	All	All
Operating System	Samsung	Android	11.0	smr-sep-2022-r1	All	All
Operating System	Samsung	Android	11.0	smr-sep-2023-r1	All	All
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-apr-2023-r1	All	All
Operating System	Samsung	Android	12.0	smr-aug-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-aug-2023-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	Samsung	Android	12.0	smr-dec-2023-r1	All	All

System						
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
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Operating System	Samsung	Android	12.0	smr-jun-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-jun-2023-r1	All	All
Operating System	Samsung	Android	12.0	smr-mar-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-mar-2023-r1	All	All
Operating System	Samsung	Android	12.0	smr-may-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-may-2023-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-nov-2023-r1	All	All
Operating System	Samsung	Android	12.0	smr-oct-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-oct-2023-r1	All	All
Operating System	Samsung	Android	12.0	smr-sep-2022-r1	All	All
Operating System	Samsung	Android	12.0	smr-sep-2023-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-aug-2023-r1	All	All
Operating System	Samsung	Android	13.0	smr-dec-2022-r1	All	All
Operating	Samsung	Android	13.0	smr-dec-2023-r1	All	All

System						
Operating System	Samsung	Android	13.0	smr-feb-2023-r1	All	All
Operating System	Samsung	Android	13.0	smr-jul-2023-r1	All	All
Operating System	Samsung	Android	13.0	smr-jun-2023-r1	All	All
Operating System	Samsung	Android	13.0	smr-mar-2023-r1	All	All
Operating System	Samsung	Android	13.0	smr-may-2023-r1	All	All
Operating System	Samsung	Android	13.0	smr-nov-2022-r1	All	All
Operating System	Samsung	Android	13.0	smr-nov-2023-r1	All	All
Operating System	Samsung	Android	13.0	smr-oct-2022-r1	All	All
Operating System	Samsung	Android	13.0	smr-oct-2023-r1	All	All
Operating System	Samsung	Android	13.0	smr-sep-2023-r1	All	All
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cpe:2.3:o:samsung:android:11.0:smr-jun-2021-r1:*:*:*:*:*:

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cpe:2.3:o:samsung:android:11.0:smr-mar-2021-r1:*:*:*:*:*:

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cpe:2.3:o:samsung:android:12.0:smr-jul-2022-r1:~::~:
cpe:2.3:o:samsung:android:12.0:smr-jul-2023-r1:~::~:
cpe:2.3:o:samsung:android:12.0:smr-jun-2022-r1:~::~:
cpe:2.3:o:samsung:android:12.0:smr-jun-2023-r1:~::~:
cpe:2.3:o:samsung:android:12.0:smr-mar-2022-r1:~::~:
cpe:2.3:o:samsung:android:12.0:smr-mar-2023-r1:~::~:
cpe:2.3:o:samsung:android:12.0:smr-may-2022-r1:~::~:
cpe:2.3:o:samsung:android:12.0:smr-may-2023-r1:~::~:
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cpe:2.3:o:samsung:android:12.0:smr-oct-2023-r1:~::~:
cpe:2.3:o:samsung:android:12.0:smr-sep-2022-r1:~::~:
cpe:2.3:o:samsung:android:12.0:smr-sep-2023-r1:~::~:
cpe:2.3:o:samsung:android:13.0:-:~::~:
cpe:2.3:o:samsung:android:13.0:smr-apr-2023-r1:~::~:
cpe:2.3:o:samsung:android:13.0:smr-aug-2023-r1:~::~:
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cpe:2.3:o:samsung:android:13.0:smr-may-2023-r1:~::~::~:
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cpe:2.3:o:samsung:android:13.0:smr-oct-2022-r1:~::~::~:
cpe:2.3:o:samsung:android:13.0:smr-oct-2023-r1:~::~::~:
cpe:2.3:o:samsung:android:13.0:smr-sep-2023-r1:~::~::~:

No vendor comments have been submitted for this CVE

Social Mentions		
Source	Title	Posted (UTC)
 @CVEreport	CVE-2023-21445 : Improper access control vulnerability in MyFiles prior to versions 12.2.09 in Android R 11 , 13.1.... twitter.com/i/web/status/1...	2023-02-09 19:17:39
 /r/netcve	CVE-2023-21445	2023-02-09 20:38:44