CVE-2021-22437

Published on: Not Yet Published

Last Modified on: 08/08/2023 02:21:00 PM UTC

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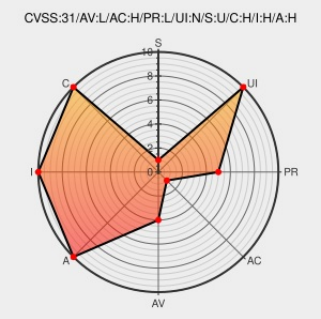
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Emui from Huawei contain the following vulnerability:

There is a software integer overflow leading to a TOCTOU condition in smartphones. Successful exploitation of this vulnerability may cause random address access.

CVE-2021-22437 has been assigned by psirt@huawei.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Huawei** - **EMUI** version **= 10.1.1**

Affected Vendor/Software: **Huawei** - **EMUI** version **= 10.1.0**

Affected Vendor/Software: **Huawei** - **Magic UI** version **= 3.1.1**

Affected Vendor/Software: **Huawei** - **Magic UI** version **= 3.1.0**

CVSS3 Score: 7 - HIGH

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

CVSS2 Score: 6.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
September	consumer.huawei.com text/html	MISC consumer.huawei.com/en/support/bulletin/2021/9/

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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	Huawei	Emui	10.1.0	All	All	All
Operating System	Huawei	Emui	10.1.1	All	All	All
Operating System	Huawei	Magic Ui	3.1.0	All	All	All
Operating System	Huawei	Magic Ui	3.1.1	All	All	All

cpe:2.3:o:huawei:emui:10.1.0:*:*:*:*:*:*:*

cpe:2.3:o:huawei:emui:10.1.1:*:*:*:*:*:*:*

cpe:2.3:o:huawei:magic_ui:3.1.0:*:*:*:*:*:*:*

cpe:2.3:o:huawei:magic_ui:3.1.1:*:*:*:*:*:*:*

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-22437 : There is a software integer overflow leading to a TOCTOU condition in smartphones. Successful expl… twitter.com/i/web/status/1…	2022-03-01 00:42:21
/r/netcve	CVE-2021-22437	2022-03-01 01:38:38

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