



CVE-2022-31751

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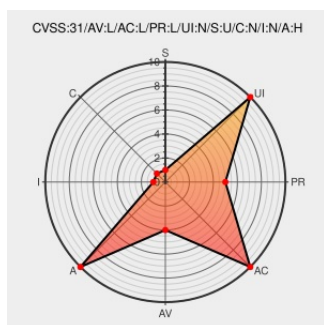
CVE-2022-31751

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of **Emui** from **Huawei** contain the following vulnerability:

The kernel emcom module has multi-thread contention. Successful exploitation of this vulnerability may affect system availability.

CVE-2022-31751 has been assigned by psirt@huawei.com to track the vulnerability - currently rated as **MEDIUM** severity.

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	NONE	NONE	HIGH

CVSS2 Score: **4.9 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
HUAWEI EMUI/Magic UI security updates June 2022	consumer.huawei.com text/html	MISC consumer.huawei.com/en/support/bulletin/2022/6/
HUAWEI EMUI/Magic UI security updates July 2022	consumer.huawei.com text/html	MISC consumer.huawei.com/en/support/bulletin/2022/7/

Document

[device.harmonyos.com](#)

 [MISC device.harmonyos.com/en/docs/security/update/security-bulletins-phones-202206-0000001270350482](#)

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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	10.0.0	All	All	All
Operating System	Huawei	Emui	10.1.0	All	All	All
Operating System	Huawei	Emui	10.1.1	All	All	All
Operating System	Huawei	Emui	11.0.0	All	All	All
Operating System	Huawei	Emui	11.0.1	All	All	All
Operating System	Huawei	Emui	12.0.0	All	All	All
Operating System	Huawei	Harmonyos	2.0	All	All	All
Operating System	Huawei	Magic Ui	3.0.0	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
Operating System	Huawei	Magic Ui	4.0.0	All	All	All
cpe:2.3:o:huawei:emui:10.0.0:*****:						
cpe:2.3:o:huawei:emui:10.1.0:*****:						
cpe:2.3:o:huawei:emui:10.1.1:*****:						
cpe:2.3:o:huawei:emui:11.0.0:*****:						
cpe:2.3:o:huawei:emui:11.0.1:*****:						
cpe:2.3:o:huawei:emui:12.0.0:*****:						
cpe:2.3:o:huawei:harmonyos:2.0:*****:						

cpe:2.3:o:huawei:magic_ui:3.0.0:*****:

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

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

cpe:2.3:o:huawei:magic_ui:4.0.0:*****:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVereport	CVE-2022-31751 : The #kernel emcom module has multi-thread contention. Successful exploitation of this vulnerabilit... twitter.com/i/web/status/1...	2022-06-13 15:06:13
 /r/netcve	CVE-2022-31751	2022-06-13 16:38:25

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