



CVE-2021-39996

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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 Heap-based buffer overflow vulnerability with the NFC module in smartphones. Successful exploitation of this vulnerability may cause memory overflow.

CVE-2021-39996 has been assigned by psirt@huawei.com to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Document	device.harmonyos.com text/html	MISC device.harmonyos.com/en/docs/security/update/security-bulletins-202112-0000001183296718
December	consumer.huawei.com text/html	MISC consumer.huawei.com/en/support/bulletin/2021/12/

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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	Harmonyos	All	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:harmonyos:****:*:*:						
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-2021-39996 : There is a Heap-based buffer overflow vulnerability with the NFC module in smartphones. Successful... twitter.com/i/web/status/1...	2022-01-07 23:16:58

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