

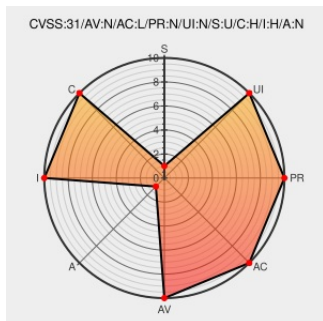


CVE-2021-46839

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CVE-2021-46839

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

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

The HW_KEYMASTER module has a vulnerability of missing bounds check on length. Successful exploitation of this vulnerability may cause malicious construction of data, which results in out-of-bounds access.

CVE-2021-46839 has been assigned by psirt@huawei.com to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: **Huawei** - **HarmonyOS** version = **2.0**

Affected Vendor/Software: **Huawei** - **EMUI** version = **12.0.0**

Affected Vendor/Software: **Huawei** - **EMUI** version = **11.0.1**

CVSS3 Score: **9.1 - CRITICAL**

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

CVE References

Description	Tags	Link
October	consumer.huawei.com text/html	MISC consumer.huawei.com/en/support/bulletin/2022/10/
文档中心	device.harmonyos.com text/html	MISC device.harmonyos.com/en/docs/security/update/security-bulletins-phones-202210-0000001416095697

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

The HW_KEYMASTER module has a vulnerability of missing bounds check on length.Successful exploitation of this vulnera...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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
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:****:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-46839 : The HW_KEYMASTER module has a vulnerability of missing bounds check on length.Successful exploitat... twitter.com/i/web/status/1...	2022-10-14 16:21:33
 /r/netcve	CVE-2021-46839	2022-10-14 16:39:16

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