

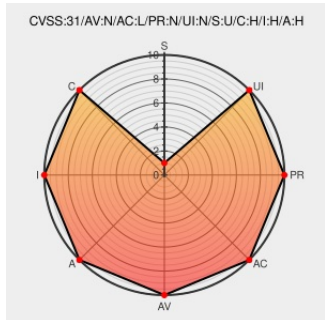


CVE-2021-40017

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CVE-2021-40017

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

Certain versions of [Emui](#) from [Huawei](#) contain the following vulnerability:

The HW_KEYMASTER module lacks the validity check of the key format. Successful exploitation of this vulnerability may result in out-of-bounds memory access.

CVE-2021-40017 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

CVE References

Description	Tags	Link
October	consumer.huawei.com text/html	 MISC consumer.huawei.com/en/support/bulletin/2022/10/
Document HarmonyOS	device.harmonyos.com text/html	 MISC device.harmonyos.com/en/docs/security/update/security-bulletins-phones-202209-0000001392278845

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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	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-2021-40017 : The HW_KEYMASTER module lacks the validity check of the key format. Successful exploitation of thi... twitter.com/i/web/status/1...					2022-09-16 18:31:34
 @JohnJasonFallow	New vulnerability on the NVD: CVE-2021-40017 ift.tt/H3vQIWF					2022-09-16 20:16:27
 /r/netcve	CVE-2021-40017					2022-09-16 19:38:26
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