



CVE-2021-40045

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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 vulnerability of signature verification mechanism failure in system upgrade through recovery mode. Successful exploitation of this vulnerability may affect service confidentiality.

CVE-2021-40045 has been assigned by psirt@huawei.com to track the vulnerability - currently rated as **MEDIUM** severity.

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

Affected Vendor/Software: **Huawei** - **Magic UI** version = **12.0.0**

Affected Vendor/Software: **Huawei** - **Magic UI** version = **11.0.1**

Affected Vendor/Software: **Huawei** - **Magic UI** version = **11.0.0**

Affected Vendor/Software: **Huawei** - **HarmonyOS** version = **4.0.0**

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	HIGH	NONE	NONE

CVSS2 Score: **2.1 - LOW**

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

CVE References

Description	Tags	Link
Document	device.harmonyos.com text/html	 MISC device.harmonyos.com/en/docs/security/update/security-bulletins-202202-0000001204253396
February	consumer.huawei.com text/html	 MISC consumer.huawei.com/en/support/bulletin/2022/2/

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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	11.0.0	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	All	All	All	All
Operating System	Huawei	Magic Ui	4.0.0	All	All	All
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:****:*:*:						
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.report/CVE-2021-40045 There is a vulnerability of signature verification mechanism failure in system upgrade thr... twitter.com/i/web/status/1...	2022-02-10 01:28:03
 /r/netcve	CVE-2021-40045	2022-02-10 02:39:12

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