



CVE-2021-40052

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

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H



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

There is an incorrect buffer size calculation vulnerability in the video framework. Successful exploitation of this vulnerability may affect availability.

CVE-2021-40052 has been assigned by psirt@huawei.com to track the vulnerability - currently rated as **HIGH** severity.

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

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

Affected Vendor/Software: **Huawei** - **EMUI** version = **11.0.0**

Affected Vendor/Software: **Huawei** - **Magic UI** version = **4.0.0**

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **7.8 - HIGH**

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

CVE References

Description	Tags	Link
March	consumer.huawei.com text/html	 MISC consumer.huawei.com/en/support/bulletin/2022/3/
Document	device.harmonyos.com text/html	 MISC device.harmonyos.com/en/docs/security/update/security-bulletins-phones-202208-0000001363876177

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

There is an incorrect buffer size calculation vulnerability in the video framework. Successful exploitation of this vu...

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	Harmonyos	2.0	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:harmonyos:2.0:****:****:						
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-2021-40052 : There is an incorrect buffer size calculation vulnerability in the video framework. Successful exp... twitter.com/i/web/status/1...	2022-03-10 17:58:45

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