

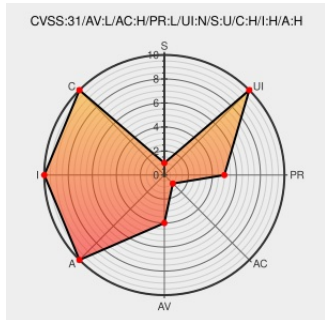


CVE-2021-31795

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CVE-2021-31795

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

Certain versions of [Pvrsrvkm.ko](#) from [Pvrsrvkm.ko Project](#) contain the following vulnerability:

The PowerVR GPU kernel driver in pvrsrvkm.ko through 2021-04-24 for the Linux kernel, as used on Alcatel 1S phones, allows attackers to overwrite heap memory via PhymemNewRamBackedPMR.

CVE-2021-31795 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7 - HIGH**

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

CVSS2 Score: **6.9 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
A foray into Linux kernel exploitation on Android – Mcyoloswagham – Reverse Engineering to go forward...	mcyoloswagham.github.io text/html	MISC mcyoloswagham.github.io/linux/

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that

are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Exploit/POC from Github

PoC for exploiting CVE-2021-31795

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Pvrsrvkm.ko Project	Pvrsrvkm.ko	All	All	All	All
cpe:2.3:a:pvrsrvkm.ko_project:pvrsrvkm.ko:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-31795 : The PowerVR GPU #kernel driver in pvrsrvkm.ko through 2021-04-24 for the #Linux kernel, as used on... twitter.com/i/web/status/1...	2021-04-24 18:05:54

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