

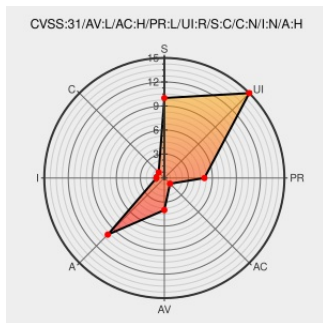


CVE-2021-34390

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CVE-2021-34390

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

Certain versions of [Jetson Linux](#) from [Nvidia](#) contain the following vulnerability:

Trusty contains a vulnerability in the NVIDIA TLK kernel function where a lack of checks allows the exploitation of an integer overflow through a specific SMC call that is triggered by the user, which may lead to denial of service.

CVE-2021-34390 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **NVIDIA - NVIDIA Jetson TX1** version **All Jetson Linux versions prior to r32.5.1**

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	NONE	NONE	HIGH

CVSS2 Score: **2.1 - LOW**

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

CVE References

Description	Tags	Link
Security Bulletin: NVIDIA Jetson AGX Xavier Series, Jetson Xavier NX, Jetson TX1, Jetson TX2 Series (including Jetson TX2 NX), and Jetson Nano (including Jetson Nano 2GB) - June 2021	nvidia.custhelp.com text/html	CONFIRM nvidia.custhelp.com/app/answers/detail/a_id/5205

NVIDIA

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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	Nvidia	Jetson Linux	All	All	All	All
Hardware 🖥️🔗	Nvidia	Jetson Tx1	-	All	All	All
<pre>cpe:2.3:o:nvidia:jetson_linux:*.*.*.*.*.*.*.*:</pre>						
<pre>cpe:2.3:h:nvidia:jetson_tx1:-.*.*.*.*.*.*.*.*:</pre>						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-34390 : Trusty TLK contains a vulnerability in the NVIDIA TLK #kernel function where a lack of checks allo... twitter.com/i/web/status/1...	2021-06-22 21:30:05
 /r/netcve	CVE-2021-34390	2021-06-22 22:41:21

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