CVE-2021-34373

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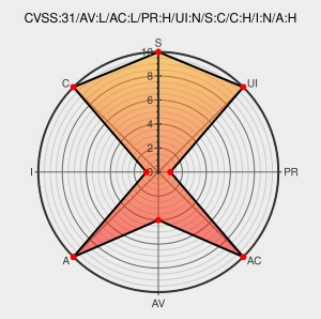

Certain versions of Jetson Linux from Nvidia contain the following vulnerability:

Trusty trusted Linux kernel (TLK) contains a vulnerability in the NVIDIA TLK kernel where a lack of heap hardening could cause heap overflows, which might lead to information disclosure and denial of service.

CVE-2021-34373 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: 6 - MEDIUM

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

CVSS2 Score: 3.6 - LOW

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

cpe:2.3:o:nvidia:jetson_linux:*:*:*:*:*:*:*:*:

cpe:2.3:h:nvidia:jetson_tx1:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-34373 : Trusty trusted #Linux #kernel TLK contains a vulnerability in the NVIDIA TLK kernel where a lack… twitter.com/i/web/status/1…	2021-06-30 10:27:54
/r/netcve	CVE-2021-34373	2021-06-30 10:41:10

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