



CVE-2021-34383

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CVE-2021-34383

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

Certain versions of [Jetson Agx Xavier 16gb](#) from [Nvidia](#) contain the following vulnerability:

Bootloader contains a vulnerability in NVIDIA MB2 where a potential heap overflow might lead to denial of service or escalation of privileges.

CVE-2021-34383 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **NVIDIA - NVIDIA Jetson AGX Xavier series, Jetson Xavier NX, Jetson TX2 series, Jetson TX2 NX**
version **All Jetson Linux versions prior to r32.5.1**

CVSS3 Score: **6.7 - MEDIUM**

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

CVSS2 Score: **4.6 - MEDIUM**

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

CVE References

Description	Tags	Link
Security Bulletin: NVIDIA Jetson AGX Xavier Series, Jetson Xavier NX, Jetson TX1, Jetson TX2 Series (including Jetson TX2	nvidia.custhelp.com/text/html	CONFIRM nvidia.custhelp.com/app/answers/detail/a_id/5205

comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware  	Nvidia	Jetson Agx Xavier 16gb	-	All	All	All
Hardware  	Nvidia	Jetson Agx Xavier 32gb	-	All	All	All
Hardware  	Nvidia	Jetson Agx Xavier 8gb	-	All	All	All
Operating System	Nvidia	Jetson Linux	All	All	All	All
Hardware  	Nvidia	Jetson Tx2	-	All	All	All
Hardware  	Nvidia	Jetson Tx2i	-	All	All	All
Hardware  	Nvidia	Jetson Tx2 4gb	-	All	All	All
Hardware  	Nvidia	Jetson Tx2 Nx	-	All	All	All
Hardware  	Nvidia	Jetson Xavier Nx	-	All	All	All

```
cpe:2.3:h:nvidia:jetson_agx_xavier_16gb:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:nvidia:jetson_agx_xavier_32gb:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:nvidia:jetson_agx_xavier_8gb:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:nvidia:jetson_linux:*.:.:.:.:.:.:
```

```
cpe:2.3:h:nvidia:jetson_tx2:-:*:*:*:*:*:
```

```
cpe:2.3:h:nvidia:jetson_tx2i:-:*:*:*:*:*:
```

```
cpe:2.3:h:nvidia:jetson tx2 4gb:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:nvidia:jetson tx2 nx:-:*:*:*:*:*.*
```

```
cpe:2.3:h:nvidia:jetson xavier nx:-:*:*:*:*:*:*:
```

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
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 @CVEreport	CVE-2021-34383 : Bootloader contains a vulnerability in NVIDIA MB2 where a potential heap overflow might lead to de... twitter.com/i/web/status/1...	2021-06-30 10:31:21
 /r/netcve	CVE-2021-34383	2021-06-30 10:41:20

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