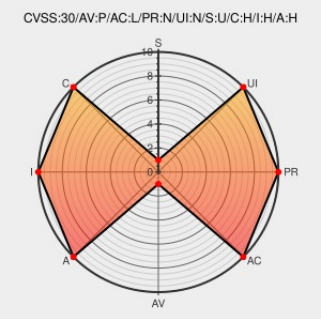
CVE-2018-6242

Published on: 05/01/2018 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:46 PM UTC

CVE-2018-6242

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Tegra Bootrom Rcm from Nvidia contain the following vulnerability:

Some NVIDIA Tegra mobile processors released prior to 2016 contain a buffer overflow vulnerability in BootROM Recovery Mode (RCM). An attacker with physical access to the device's USB and the ability to force the device to reboot into RCM could exploit the vulnerability to execute unverified code.

CVE-2018-6242 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Nvidia Corporation** - **Some NVIDIA Tegra Mobile Processors** version **n/a**

CVSS3 Score: 6.8 - MEDIUM

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

CVSS2 Score: 7.2 - HIGH

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

CVE References

Description	Tags	Link
Security Notice: NVIDIA Tegra RCM Vulnerability |	Vendor Advisory	CONFIRM

NVIDIA	nvidia.custhelp.com text/html	nvidia.custhelp.com/app/answers/detail/a_id/4660

There are currently no QIDs associated with this CVE

Exploit/POC from Github

Rust implementation of the Fusée Gelée exploit (CVE-2018-6242) for Tegra processors.

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Nvidia	Tegra Bootrom Rcm	-	All	All	All
Application	Nvidia	Tegra Bootrom Rcm	-	All	All	All
Hardware	Nvidia	Tegra Mobile Processor	-	All	All	All
Hardware	Nvidia	Tegra Mobile Processor	-	All	All	All

cpe:2.3:a:nvidia:tegra_bootrom_rcm:-:*:*:*:*:*:*:*:

cpe:2.3:a:nvidia:tegra_bootrom_rcm:-:*:*:*:*:*:*:*:

cpe:2.3:h:nvidia:tegra_mobile_processor:-:*:*:*:*:*:*:*:

cpe:2.3:h:nvidia:tegra_mobile_processor:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→