

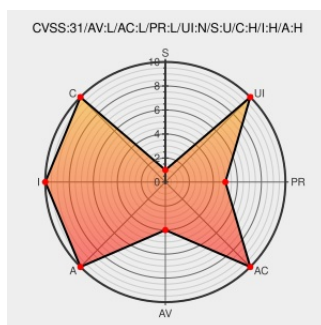


# CVE-2019-5699

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## CVE-2019-5699

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

Certain versions of [Android](#) from [Google](#) contain the following vulnerability:

NVIDIA Shield TV Experience prior to v8.0.1, NVIDIA Tegra bootloader contains a vulnerability where the software performs an incorrect bounds check, which may lead to buffer overflow resulting in escalation of privileges and code execution. escalation of privileges, and information disclosure, code execution, denial of service, or escalation

of privileges.

CVE-2019-5699 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>LOW</b>          | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **7.2 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>LOCAL</b>           | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>COMPLETE</b>        | <b>COMPLETE</b>   | <b>COMPLETE</b>     |

## CVE References

| Description                                                 | Tags                                                                   | Link                                                                                        |
|-------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Security Bulletin: NVIDIA SHIELD TV - October 2019   NVIDIA | <a href="#">Vendor Advisory</a><br><a href="#">nvidia.custhelp.com</a> | <a href="#">CONFIRM</a><br><a href="#">nvidia.custhelp.com/app/answers/detail/a_id/4875</a> |

[text/html](#)

Security Bulletin: Jetson AGX Xavier, TK1, TX1, TX2, and Nano L4T- December 2019 | NVIDIA

[nvidia.custhelp.com](#)[text/html](#)

CONFIRM

[nvidia.custhelp.com/app/answers/detail/a\\_id/4910](https://nvidia.custhelp.com/app/answers/detail/a_id/4910)

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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 | <a href="#">Google</a> | <a href="#">Android</a>           | 9.0     | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a>           | 9.0     | All    | All     | All      |
| Application      | <a href="#">Nvidia</a> | <a href="#">Shield Experience</a> | All     | All    | All     | All      |
| Application      | <a href="#">Nvidia</a> | <a href="#">Shield Experience</a> | All     | All    | All     | All      |

cpe:2.3:o:google:android:9.0:\*:\*:\*:\*:\*:

cpe:2.3:o:google:android:9.0:\*:\*:\*:\*:\*:

cpe:2.3:a:nvidia:shield\_experience:\*:\*:\*:\*:\*:

cpe:2.3:a:nvidia:shield\_experience:\*:\*:\*:\*:\*:

No vendor comments have been submitted for this CVE

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