



# CVE-2020-5991

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2020-5991
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@nvidia.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-10-30 21:15:00 UTC
<b>Updated</b>	2020-11-13 15:39:00 UTC
<b>Description</b>	NVIDIA CUDA Toolkit, all versions prior to 11.1.1, contains a vulnerability in the NVJPEG library in which an out-of-bounds

## Risk And Classification

**Problem Types:** CWE-125 | CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Application	Nvidia	Cuda Toolkit	All	All	All	All
Application	Nvidia	Cuda Toolkit	All	All	All	All

## References

Reference	Source	Link	Tags
Security Bulletin: NVIDIA CUDA Toolkit - October 2020   NVIDIA	CONFIRM	<a href="https://nvidia.custhelp.com">nvidia.custhelp.com</a>	Vendor Advisory
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[180791](#) Debian Security Update for nvidia-cuda-toolkit (CVE-2020-5991)

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