



CVE-2022-28199

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

Summary

CVE	CVE-2022-28199
State	PUBLIC
Assigner	psirt@nvidia.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-09-01 17:15:00 UTC
Updated	2022-09-07 18:15:00 UTC
Description	NVIDIA's distribution of the Data Plane Development Kit (MLNX_DPDK) contains a vulnerability in the network stack, where

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Application	Nvidia	Data Plane Development Kit	All	All	All	All

References

Reference	Source	Link	T
oss-security - Re: CVE-2022-28199: DPDK mlx5 driver error recovery handling vulnerability	MLIST	www.openwall.com	
20220907 Vulnerability in NVIDIA Data Plane Development Kit Affecting Cisco Products: August 2022	CISCO	tools.cisco.com	
Security Bulletin: NVIDIA Data Plane Development Kit (MLNX_DPDK) - August 2022 NVIDIA	MISC	nvidia.custhelp.com	
CVE Program record	CVE.ORG	www.cve.org	cc
NVD vulnerability detail	NVD	nvd.nist.gov	cc

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[160307](#) Oracle Enterprise Linux Security Update for dpdk (ELSA-2022-8263)

[180981](#) Debian Security Update for dpdk (DSA 5222-1)

182065 Debian Security Update for dpdk (CVE-2022-28199)
240900 Red Hat Update for dpdk (RHSA-2022:8263)
672369 EulerOS Security Update for dpdk (EulerOS-SA-2022-2761)
672383 EulerOS Security Update for dpdk (EulerOS-SA-2022-2726)
672435 EulerOS Security Update for dpdk (EulerOS-SA-2022-2843)
672445 EulerOS Security Update for dpdk (EulerOS-SA-2022-2818)
752630 SUSE Enterprise Linux Security Update for dpdk (SUSE-SU-2022:3429-1)
753388 SUSE Enterprise Linux Security Update for dpdk (SUSE-SU-2022:3341-1)
753435 SUSE Enterprise Linux Security Update for dpdk (SUSE-SU-2022:3390-1)
940804 AlmaLinux Security Update for dpdk (ALSA-2022:8263)
960601 Rocky Linux Security Update for dpdk (RLSA-2022:8263)

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