



CVE-2020-14378

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

Summary

CVE	CVE-2020-14378
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-09-30 19:15:00 UTC
Updated	2023-11-07 03:17:00 UTC
Description	An integer underflow in dpdk versions before 18.11.10 and before 19.11.5 in the `move_desc` function can lead to large ar

Risk And Classification

Problem Types: CWE-191

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Application	Dpdk	Data Plane Development Kit	All	All	All	All
Application	Dpdk	Data Plane Development Kit	All	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All

References

Reference	Source	Link
oss-security - Re: [dpdk-dev] DPDK security advisory for multiple vhost crypto issues	MLIST	www.openwall.com
[security-announce] openSUSE-SU-2020:1599-1: critical: Security update f	SUSE	lists.opensuse.org
1879473 - (CVE-2020-14378) CVE-2020-14378 dpdk: partial Denial of Service due to Integer Underflow	MISC	bugzilla.redhat.com
oss-security - Re: [dpdk-dev] DPDK security advisory for multiple vhost crypto issues	MLIST	www.openwall.com
USN-4550-1: DPDK vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
[security-announce] openSUSE-SU-2020:1593-1: critical: Security update f	SUSE	lists.opensuse.org

oss-security - Re: DPDK security advisory for multiple vhost crypto issues	MLIST	www.openwall.com
oss-security - DPDK security advisory for multiple vhost crypto issues	MISC	www.openwall.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

670909 EulerOS Security Update for dpdk (EulerOS-SA-2021-1241)

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