



CVE-2015-1142857

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

Summary

CVE	CVE-2015-1142857
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-01-23 14:29:00 UTC
Updated	2018-02-15 17:23:00 UTC
Description	On multiple SR-IOV cars it is possible for VF's assigned to guests to send ethernet flow control pause frames via the PF. Th

Risk And Classification

Problem Types: CWE-254

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Dpdk	Dpdk	-	All	All	All
Operating System	Dpdk	Dpdk	-	All	All	All
Hardware	Intel	82576	-	All	All	All
Hardware	Intel	82576	-	All	All	All
Operating System	Intel	82576 Firmware	-	All	All	All
Operating System	Intel	82576 Firmware	-	All	All	All
Hardware	Intel	82599	-	All	All	All
Hardware	Intel	82599	-	All	All	All
Operating System	Intel	82599 Firmware	-	All	All	All
Operating System	Intel	82599 Firmware	-	All	All	All
Hardware	Intel	I350	-	All	All	All
Hardware	Intel	I350	-	All	All	All
Operating System	Intel	I350 Firmware	-	All	All	All
Operating System	Intel	I350 Firmware	-	All	All	All
Hardware	Intel	X540	-	All	All	All
Hardware	Intel	X540	-	All	All	All
Operating System	Intel	X540 Firmware	-	All	All	All

Operating System	Intel	X540 Firmware	-	All	All	All
Hardware	Intel	X710	-	All	All	All
Hardware	Intel	X710	-	All	All	All
Operating System	Intel	X710 Firmware	-	All	All	All
Operating System	Intel	X710 Firmware	-	All	All	All
Operating System	Linux	Linux Kernel I40e/i40evf	-	All	All	All
Operating System	Linux	Linux Kernel I40e/i40evf	-	All	All	All
Operating System	Linux	Linux Kernel I40e/i40evf	-	All	All	All
Operating System	Linux	Linux Kernel Ixgbe	-	All	All	All
Operating System	Linux	Linux Kernel Ixgbe	-	All	All	All

References

Reference	Source	Link	Tags
Intel® Product Security Center	CONFIRM	security-center.intel.com	Mitigation, Vendor
oss-sec: CVE request -- Ethernet flow control vulnerability in SRIOV devices	MLIST	seclists.org	Mailing List, Patch
www.usenix.org/system/files/conference/usenixsecurity15/sec15-paper-smolyar.pdf	MISC	www.usenix.org	Technical Description
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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