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Date: Mon, 8 Oct 2018 10:35:19 +0530 (IST)
From: P J P <ppandit@...hat.com>
To: oss security list <oss-security@...ts.openwall.com>
cc: Arash TC <tohide.arash@...il.com>, Daniel Shapira <daniel@...stock.com>
Subject: Qemu: integer overflow issues

Hello,

Multiple integer overflow issues were found and reported in various NIC emulations in QEMU. These integer overflow could occur while receiving packets and could lead to OOB stack buffer access, resulting in DoS scenario.

* CVE-2018-10839 Qemu: ne2000: integer overflow leads to buffer overflow issue

Upstream fix:

-> <https://lists.gnu.org/archive/html/qemu-devel/2018-09/msg03273.html>

* CVE-2018-17958 Qemu: rtl8139: integer overflow leads to buffer overflow

Upstream fix:

-> <https://lists.gnu.org/archive/html/qemu-devel/2018-09/msg03269.html>

* CVE-2018-17962 Qemu: pcnet: integer overflow leads to buffer overflow

Upstream fix:

-> <https://lists.gnu.org/archive/html/qemu-devel/2018-09/msg03268.html>

* CVE-2018-17963 Qemu: net: ignore packets with large size

Upstream fix:

-> <https://lists.gnu.org/archive/html/qemu-devel/2018-09/msg03267.html>

These issues were independently reported by Arash TC and Daniel Shapira.

Thank you.

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Prasad J Pandit / Red Hat Product Security Team
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