

**ID 20181205 FAQ**

**PortSmash Side-Channel Vulnerability – CVE-2018-5407**

Initial Internal Release Date: **12/05/2018**

Initial Release to the public: **12/05/2018**

Update Release Date: **12/05/2018**

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**Summary**

Five researchers from the universities of Tampere (Finland) and Havana (Cuba) published information on PortSmash - a possible side channel attack to read data from a parallel thread in a CPU. Exploitation of this vulnerability could potentially lead to privilege level information disclosure. For more detail about these vulnerabilities, please refer here:

<https://eprint.iacr.org/2018/1060.pdf>

**What are the issues?**

These vulnerabilities are assigned the CVE IDs and details of the same are explained as below:

<b>CVE ID</b>	<b>CVE Description</b>
CVE-2018-5407	Simultaneous Multi-threading (SMT) in processors can enable local users to exploit software vulnerable to timing attacks via a side-channel timing attack on 'port contention'

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### What is the impact on Ruckus products?

No Ruckus products are impacted.

### What is the impact on ICX family of switches that are part of Ruckus now?

No ICX family of switches that are part of Ruckus are impacted.

### Why are Ruckus products not impacted?

Ruckus Networks products are based on a number of different CPU architectures (ARM, Intel, PPC etc) some of which are affected by these vulnerabilities.

All Ruckus products only run software that are integral to the system and do not allow installation of arbitrary software from unauthorized users. For an attacker to exploit this vulnerability, one has to gain access to the system using another vulnerability. We recommend that customers always install any patches released as per our security advisories.

### What action do I take?

No immediate action is required.

Ruckus is actively investigating available kernel patches, CPU microcode updates, OpenSSL patches and other mitigations and may deploy these in future software releases. Ruckus is doing the due diligence to test the impact of such patches on our quality, performance and resiliency.

### Revision History

Version	ID	Change	Date
1.0	20181205	Initial Release	December 05, 2018

### Ruckus Support can be contacted as follows:

The full contact list is at: <https://support.ruckuswireless.com/contact-us>

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