



## Ruckus Wireless Security Advisory ID 041414 FAQ:

### OpenSSL 1.0.1 library's "Heart bleed" vulnerability - CVE-2014-0160

Release Date: **April 12, 2014**

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#### What is the issue?

A vulnerability has been discovered in the popular OpenSSL cryptographic software library. This weakness exists in OpenSSL's implementation of the TLS/DTLS (transport layer security protocols) heartbeat extension (RFC6520). This vulnerability is due to a missing bounds check in implementation of the handling of the heartbeat extension. When exploited, this issue may lead to leak of memory contents from the server to the client and from the client to the server. These memory contents could contain sensitive security material such as passwords and private keys.

Ruckus devices incorporate OpenSSL library to implement various security related features. Below is list of the affected components:

- Administrative HTTPS Interface (Port 8443)

#### What are the Pre-requisites for this attack?

The attacker needs network connectivity to administrative interface of Ruckus device for carrying out this attack.

#### How do I check if I am vulnerable?

This issue affects the following software branches and devices. Any products not mentioned in this table are **not** affected.

Ruckus Device	Affected software branch
Smart Cell Gateway	1.1.x
SmartCell Access Points	NOT AFFECTED
ZoneDirector Controllers	NOT AFFECTED
ZoneFlex Access Points	NOT AFFECTED

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## Is there a way to mitigate the vulnerability?

Ruckus recommends that all customers apply the appropriate patch(es) as soon as practical. However, in the event that a patch cannot immediately be applied, the following suggestions might help reduce the risk:

- Do not expose administrative interfaces of Ruckus devices to untrusted networks such as the Internet.
- Use a firewall to limit traffic to/from Ruckus device's administrative interface to trusted hosts.

## How does Ruckus Wireless qualify severity of security issues?

Ruckus Wireless utilizes the [Common Vulnerability Scoring System \(CVSS\) v2](#). This rating system is a vendor agnostic, industry open standard designed to convey vulnerability severity and help determine urgency and priority of response.

CVSS v2 Base Score:5.0 (MEDIUM) (AV:N/AC:L/Au:N/C:P/I:N/A:N)

## When will this Ruckus Wireless Security Advisory be publicly posted?

Since this vulnerability is a zero day issue already in public domain, Ruckus Wireless is simultaneously releasing the security advisory to customers and public on **Mon 14<sup>th</sup> April, 2014**.

## Where do I download the fixed software patches?

Ruckus customers can obtain the fixed firmware from the support website at <https://support.ruckuswireless.com/>

The following patches have the fix (any later patches will also have the fix):

Affected software branch	Software Patch	Recommended For
1.1.x	1.1.2.0.142	Smart Cell Gateway

Ruckus Support can be contacted as follows:

The full contact list is at:

<https://support.ruckuswireless.com/contact-us>

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