



GNU Bash vulnerability - CVE-2014-6271, CVE-2014-7169, CVE-2014-7186, CVE-2014-7187

Release Date: **Oct 8, 2014**

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What is the issue?

A new vulnerability has been found in GNU bash shell and reported on September 24, 2014. The weakness allows for remote code execution, if exploited successfully. Initially the vulnerability was assigned CVE-2014-6271, however the proposed fix was incomplete and CVE-2014-7169 was assigned later. This vulnerability is also known as “BashBug” or “ShellShock” and it potentially affects most versions of the Linux and Unix operating systems with GNU bash version up to 4.3.

CVE-2014-7186 and CVE-2014-7187 was assigned to two different vulnerabilities found with GNU bash version up to 4.3 bash43-026 that allows a remote attacker to potentially launch a denial of service attack or cause unspecified issues.

Some Ruckus devices use GNU bash shell.

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.

Affected device	Affected software branch	Notes
SmartCell Gateway	All releases	
Virtual SmartCell Gateway	2.5.0.1	
SmartCell Insight	All releases - Hosting environment dependent	
FlexMaster	All releases - Hosting environment dependent	

Is there a way to mitigate the vulnerability?

Ruckus recommends that all customers apply the appropriate patch(es) as soon as made available from Ruckus. However, in the event that a patch is either not available from Ruckus or cannot be immediately 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.
- Use an additional secure tunnel between the various components of the system

How does Ruckus Wireless qualify severity of security issues?

Ruckus Wireless utilizes the [Common Vulnerability Scoring System \(CVSS\) v2](#). This rating



Ruckus Wireless Security Advisory ID 092914 FAQ:

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: 10 (HIGH) (AV:N/AC:M/Au:N/C:P/I:P/A:N)

When will this Ruckus Wireless Security Advisory be publicly posted?

Ruckus Wireless released the initial security advisory to customers and public on **29th September, 2014**. This is second revision and will be posted on **8th October, 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 will have the fix (any later patches will also have the fix):

Affected device	Affected software branch	Recommended Patch
SmartCell Gateway	1.x, 2.x	Hotfix for all releases
Virtual SmartCell Gateway	2.5.0.1	Hotfix for 2.5.0.1
SmartCell Insight	All versions	Upgrade hosted Linux version as per Cert advisory
FlexMaster	All versions	Upgrade hosted Linux version as per Cert advisory

Ruckus Support can be contacted as follows:

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

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