pfSense - Bug #7951
WPA2 issue (KRACK)
10/16/2017 10:08 AM - Jim Pingle

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Urgent</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Renato Botelho</td>
</tr>
<tr>
<td>Category:</td>
<td>Wireless</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.4.1</td>
</tr>
<tr>
<td>Affected Version:</td>
<td>All</td>
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</tbody>
</table>

**Description**

We need to import the FreeBSD fixes for wpa_supplicant and hostapd related to the recently-disclosed key reinsertion flaw in the WPA2 protocol

[https://www.krackattacks.com/](https://www.krackattacks.com/)
[https://lists.freebsd.org/pipermail/freebsd-current/2017-October/067193.html](https://lists.freebsd.org/pipermail/freebsd-current/2017-October/067193.html)
[https://lists.freebsd.org/pipermail/freebsd-current/2017-October/067196.html](https://lists.freebsd.org/pipermail/freebsd-current/2017-October/067196.html)

**History**

#1 - 10/16/2017 10:12 AM - Jim Pingle
- Subject changed from WAP2 issue (KRACK) to WPA2 issue (KRACK)

#2 - 10/16/2017 06:07 PM - Jim Thompson
Fixes for KRACK now in FreeBSD Ports tree: [https://github.com/freebsd/freebsd-ports/commit/e0ec9d45b57b88487440141915446ba58bbba86](https://github.com/freebsd/freebsd-ports/commit/e0ec9d45b57b88487440141915446ba58bbba86)
[https://github.com/freebsd/freebsd-ports/commit/e05f1148fb1c7f9f367f976362b431da90913e](https://github.com/freebsd/freebsd-ports/commit/e05f1148fb1c7f9f367f976362b431da90913e)
[https://github.com/freebsd/freebsd-ports/commit/cac8548c7038a3bc44b4fc4cad0ebca26abac755](https://github.com/freebsd/freebsd-ports/commit/cac8548c7038a3bc44b4fc4cad0ebca26abac755)

#3 - 10/17/2017 07:08 AM - Renato Botelho
- Status changed from Confirmed to Feedback

Start using hostapd / wpa_supplicant from ports on 2.4.1 and 2.3.5. Next round of snapshots should be OK

#4 - 10/17/2017 12:27 PM - Jim Pingle
I've tested with ath0 and run0 as AP and BSS mode, both run the appropriate binaries from ports and appear to be OK.

#5 - 10/17/2017 03:37 PM - Jim Pingle
- Status changed from Feedback to Resolved

Looks good as far as I can see, with hostapd and wpa_supplicant are updated and running as expected.