pfSense - Bug #7951
WPA2 issue (KRACK)

10/16/2017 10:08 AM - Jim Pingle

Status: Resolved
Priority: Urgent
Assignee: Renato Botelho
Category: Wireless
Target version: 2.4.1
Affected Version: All

Start date: 10/16/2017
Due date: 0%
Estimated time: 0.00 hour

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://lists.freebsd.org/pipermail/freebsd-current/2017-October/067193.html
https://lists.freebsd.org/pipermail/freebsd-current/2017-October/067196.html
http://w1.fi/cgit/hostap/log/

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/e0ec9d45b57b88487440141915446ba58bba86
https://github.com/freebsd/freebsd-ports/commit/e05f1148fb1c7fd9f367976362b431da90913e
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.