**Examining PCAP’s using Aircrack-ng**

* **What is Aircrack-ng?**

Aircrack-ng is a complete suite of tools to assess WiFi network security.

It focuses on different areas of WiFi security:

* Monitoring: Packet capture and export of data to text files for further processing by third party tools
* Attacking: Replay attacks, deauthentication, fake access points and others via packet injection
* Testing: Checking WiFi cards and driver capabilities (capture and injection)
* Cracking: WEP and WPA PSK (WPA 1 and 2)

All tools are command line which allows for heavy scripting. A lot of GUIs have taken advantage of this feature. It works primarily Linux but also Windows, OS X, FreeBSD, OpenBSD, NetBSD, as well as Solaris and even eComStation 2.













