

**NAME**

airtun-ng - a virtual tunnel interface creator for aircrack-ng

**SYNOPSIS**

**airtun-ng** [options] <interface name>

**DESCRIPTION**

**airtun-ng** creates a virtual tunnel interface (atX) for sending arbitrary IP packets by using raw ieee802.11 packet injection.

**OPTIONS**

**-H, --help**

Shows the help screen.

**-x <pps>**

Sets maximum number of packets per second.

**-a <BSSID>**

Specifies the BSSID for the ieee802.11 header. In WDS Mode this sets the Receiver.

**-h <SMAC>**

Specifies the source MAC for the ieee802.11 header.

**-i <iface>**

Sets the capture interface.

**-r <file>**

Specifies a file to read 802.11 frames.

**-y <PRGA-file>**

Is the name of the file, which provides the keystream for WEP encoding. (No receiving, just transmitting of IP packets.)

**-w <WEP-key>**

This is the WEP key to en-/decrypt all traffic going through the tunnel.

**-e <ESSID>**

Sets the target network SSID (use with -p).

**-p <passphrase>**

Use this WPA passphrase to decrypt packets (use with -a and -e).

**-t <tods>**

Defines the ToDS and FromDS bit in the ieee802.11 header. For tods=1, the ToDS bit is set to 1 and FromDS to 0, while tods=0 sets them the other way around. If set to 2, it will be tunneled in a WDS/bridge.

**-m <netmask>, --netmask <netmask>**

Filters networks based on bssid ^ netmask combination. Needs -d, used in replay mode.

**-d <BSSID>, --bssid <BSSID>**

Filters networks based on the <BSSID>. Used in replay mode.

**-f, --repeat**

Enables replay mode. All read frames, filtered by bssid and netmask (if specified), will be replayed.

**-s <transmitter>**

Set Transmitter MAC address for WDS Mode.

**-b**

Bidirectional mode. This enables communication in Transmitter's AND Receiver's networks. Works only if you can see both stations.

**EXAMPLES**

**airtun-ng** -a 00:14:22:56:F3:4E -t 0 -y keystream.xor wlan0

**SEE ALSO**

**airbase-ng(8)**  
**aireplay-ng(8)**  
**airmon-ng(8)**  
**airodump-ng(8)**  
**airodump-ng-oui-update(8)**  
**airserv-ng(8)**  
**besside-ng(8)**  
**easside-ng(8)**  
**tkiptun-ng(8)**  
**wesside-ng(8)**  
**aircrack-ng(1)**  
**airdecap-ng(1)**  
**airdecloak-ng(1)**  
**airolib-ng(1)**  
**besside-ng-crawler(1)**  
**buddy-ng(1)**  
**ivstools(1)**  
**kstats(1)**  
**makeivs-ng(1)**  
**packetforge-ng(1)**  
**wpaclean(1)**  
**airventriloquist(8)**