

```
1 Information about this interface:
2 Interface: wlan0 Driver: rt2860 Bus: x MacAddress:
  00:22:43:25:62:19
3 Description: x
4
5 STEP1a: ifconfig wlan0 up
6 STEP1b: iwlist wlan0 scan
7         Cell 01 - Address: 00:18:4D:48:96:AC
8                 Protocol:802.11b/g/n
9                 ESSID:"NETGEAR"
10                Mode:Managed
11                Channel:2
12                Quality:24/100 Signal level:-80 dBm Noise
level:-97 dBm
13                Encryption key:on
14                Bit Rates:270 Mb/s
15                Cell 02 - Address: 00:1A:2A:3B:7B:1E
16                Protocol:802.11b/g
17                ESSID:"Korn"
18                Mode:Managed
19                Channel:7
20                Quality:24/100 Signal level:-80 dBm Noise
level:-97 dBm
21                Encryption key:on
22                Bit Rates:18 Mb/s
23                IE: WPA Version 1
24                Group Cipher : TKIP
25                Pairwise Ciphers (2) : TKIP CCMP
26                Authentication Suites (1) : PSK
27                IE: IEEE 802.11i/WPA2 Version 1
28                Group Cipher : TKIP
29                Pairwise Ciphers (2) : TKIP CCMP
30                Authentication Suites (1) : PSK
31                Cell 03 - Address: 00:1A:4F:9A:AF:CB
32                Protocol:802.11b/g
33                ESSID:"WLAN-peeck"
34                Mode:Managed
35                Channel:11
36                Quality:96/100 Signal level:-52 dBm Noise
level:-97 dBm
37                Encryption key:on
38                Bit Rates:11 Mb/s
39                IE: WPA Version 1
40                Group Cipher : TKIP
41                Pairwise Ciphers (1) : TKIP
42                Authentication Suites (1) : PSK
43 STEP1c: ifconfig wlan0 down
44 STEP2: iwconfig wlan0 mode managed
45 Error for wireless request "Set Mode" (8B06) :
46     SET failed on device wlan0 ; Network is down.
47 STEP3: iwconfig wlan0 channel 11
48 Error for wireless request "Set Frequency" (8B04) :
49     SET failed on device wlan0 ; Network is down.
50 STEP4: iwconfig wlan0 essid "WLAN-peeck"
51 Error for wireless request "Set ESSID" (8B1A) :
```

```
52     SET failed on device wlan0 ; Network is down.
53
54     *****
55     LAST 10 LINES of /var/log/messages:
56     Aug 15 12:35:22 puppypc user.notice kernel: sd 2:0:0:0: [sdc]
    Attached SCSI removable disk
57     Aug 15 12:36:02 puppypc user.warn kernel: RX DESC f4c8c000  size =
    2048
58     Aug 15 12:36:02 puppypc user.warn kernel: <--
    RTMPAllocTxRxRingMemory, Status=0
59     Aug 15 12:36:02 puppypc user.warn kernel: 1. Phy Mode = 0
60     Aug 15 12:36:02 puppypc user.warn kernel: 2. Phy Mode = 0
61     Aug 15 12:36:02 puppypc user.warn kernel: 3. Phy Mode = 0
62     Aug 15 12:36:02 puppypc user.warn kernel: MCS Set = 00 00 00 00 00
63     Aug 15 12:36:02 puppypc user.warn kernel: <=== rt28xx_init,
    Status=0
64     Aug 15 12:36:02 puppypc user.warn kernel: 0x1300 = 000a4200
65     Aug 15 12:36:06 puppypc user.warn kernel: ==>rt_ioctl_giwscan. 3
    (3) BSS returned, data->length = 413
```