Configure Wireless Internet on Linux in Arnhem Business School (Hogelschool van Arnhem and Nijmegen).

Author : admin

I was able to configure SecureW2â€²s Wireless Internet within ABS (Arnhem Business School) on Linux. By taking some time to experiment. Here is how I did it.
1. Youâ€™ll need the package wpasupplicant
2. Use wpa_supplicant.conf configuration like this one:

```
 ctrl_interface=/var/run/wpa_supplicantctrl_interface_group=0eapol_ver
sion=1ap_scan=1#fast_reauth=1network={         ssid=â€•hanâ€•
scan_ssid=1         key_mgmt=IEEE8021X         eap=TTLS         phase2
=â€•auth=PAPâ€•         identity=â€•your_usernameâ€•         password=
â€•yoursecretpassâ€•         priority=100}
```

Put the above configuration in letâ€™s say /etc/ under the name wpa_supplicant.conf
Create a script han-internet.sh, put the following within the script

```
 #!/bin/sh# Written by hip0 23.09.2008# Under GPL v2# Read it here htt
p://gnu.org/licenses/gpl2.txt# kill any existing instances of wpa_supp
licant or dhclient if [[ $(ps ax |grep -i dhclient|grep -v grep) ]]; t
henkillall -9 dhclient >/dev/null 2>&1[[ $(ps ax |grep -i wpa_supplica
nt|grep -v grep) ]]; thenkillall -9 wpa_supplicant >/dev/null 2>&1fi#
initialize connection to the HAN wireless APwpa_supplicant -B -i wlan0
 -D wext -c /etc/wpa_supplicant.confsleep 5;dhclient -nw wlan0 >/dev/n
ull 2>&1
```

If youâ€™re a debian user you could configure your machine to connect to yourwireless network during boot:
To do this you have to:
Edit /etc/network/interfaces
Add something similar in it:

```
 iface wlan0 inet dhcppre-up wpa_supplicant -B -D wext -i wlan0 -c /et
c/wpa_supplicant.confpre-down killall -9 wpa_supplicantpre-
down killall -9 dhclient
```

Donâ€™t forget to change your interface name mine is wlan, yours could be different

3. Enjoy your Wireless Internet within the HAN building! :)
P.S. I configured that on my Debian 4.0 system, but I think t would work with any other Linux/BSD system out thereENDâ€”â€“