

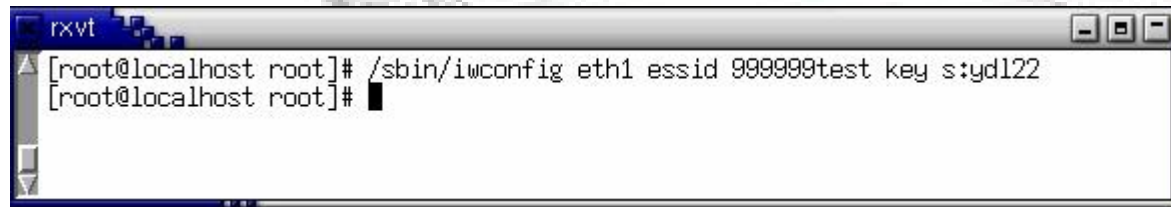


WLANs näher betrachtet

Handout

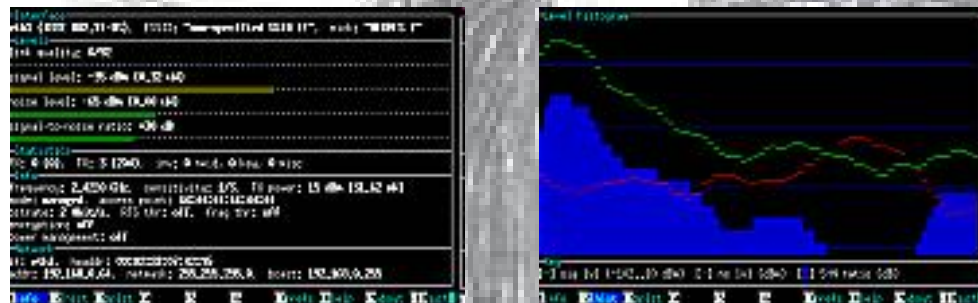
Programme – Linux (1)

Parametereinstellung (iwconfig)



```
rxvt
[root@localhost root]# /sbin/iwconfig eth1 essid 999999test key s:ydl22
[root@localhost root]#
```

Signalstärke anzeigen (z.B. wavemon)



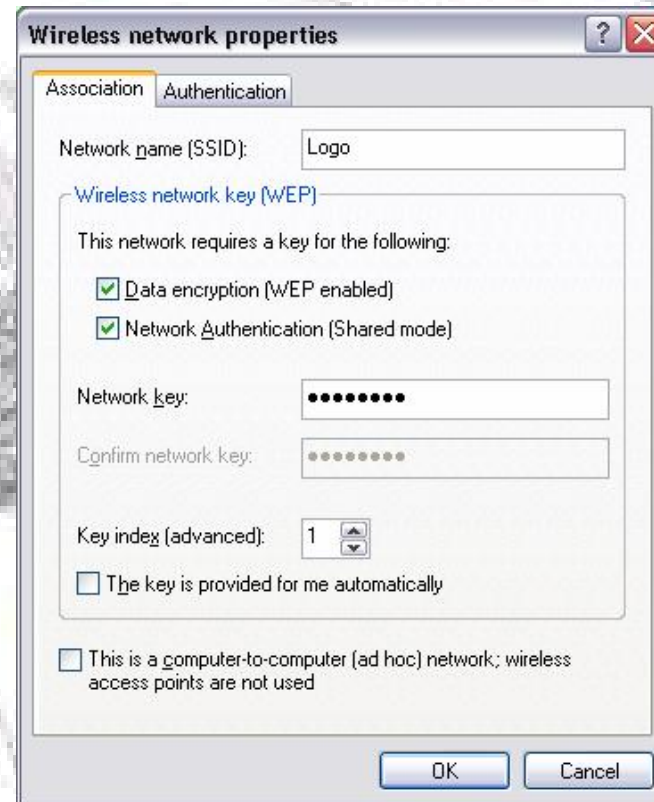
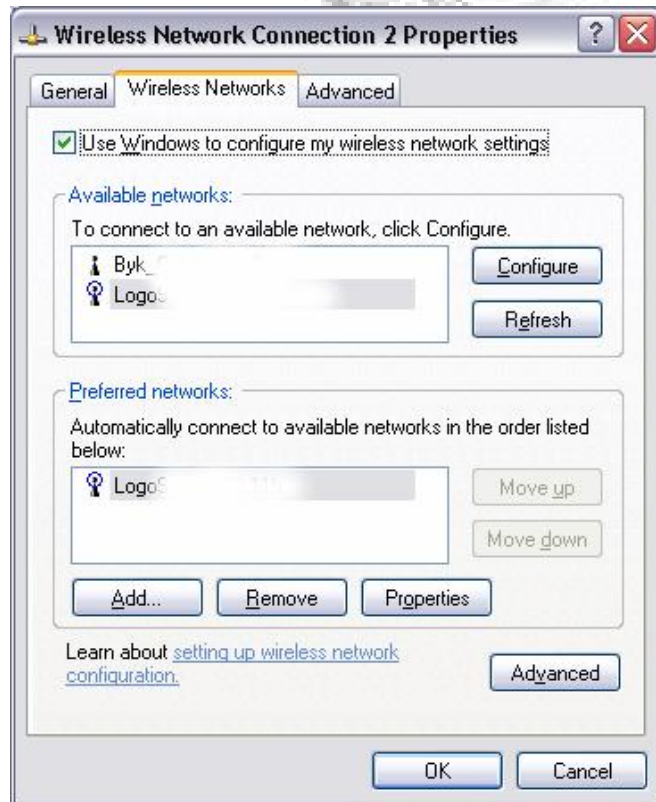
Programme – Linux (2)

Netzwerkanalyse (z.B. kismet)

```
←→ rxvt-aa X
0- Network List-- (First Seen)----- 00- Info-- 0
0- Statistics----- 0
0- Start   : Sun Sep 15 20:39:21 2002
0- Networks: 1
0- Encrypted: 0 (0%)
0- Default  : 0 (0%)
0- Max. Packet Rate: 22 packets/sec
0- Channel Usage:
-----
0-           X           01:  0 (00%) | 02:
0-           X           03:  0 (00%) | 04:
0-           X           05:  0 (00%) | 06:
0-           X           07:  0 (00%) | 08:
0-           X           09:  0 (00%) | 10:
0-           X           11:  0 (00%) | 12:
0-           X           13:  0 (00%) | 14:
0-
0- 1 2 3 4 5 6 7 8 9 1 1 1 1 1
0-      0 1 2 3 4
0-
0- Cannot view details in autofit sort mode.
0-
```

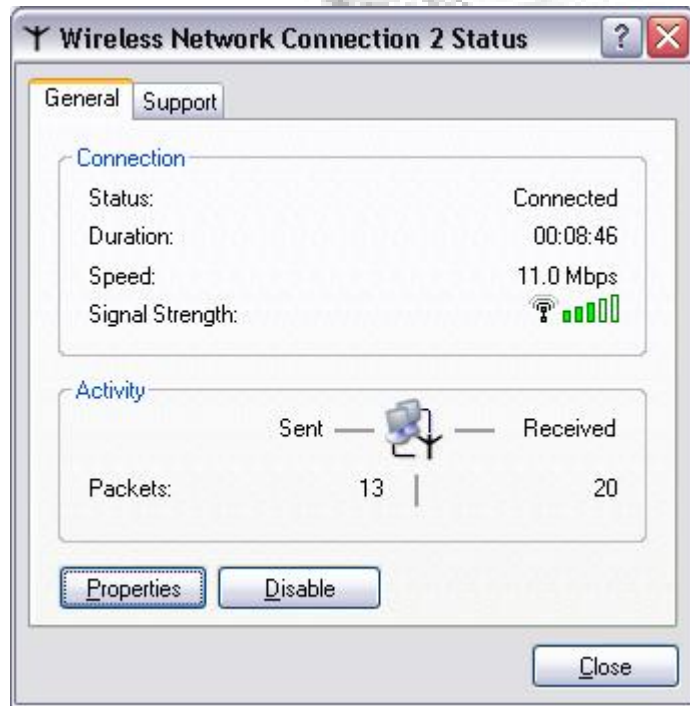
Programme – Windows

Parametereinstellung (Win XP)



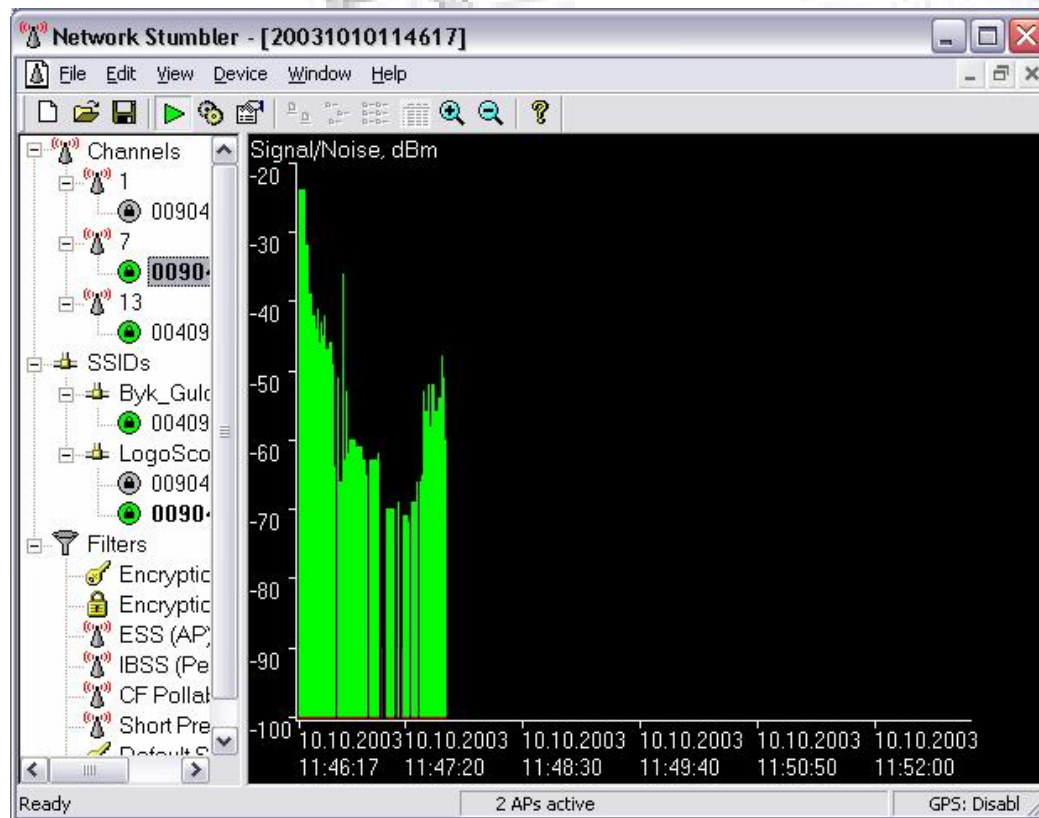
Programme – Windows

Signalstärke anzeigen (Win XP)



Programme – Windows

Netzwerkanalyse (z.B. Network Stumbler)



WLANs näher betrachtet

Links:

Übersicht, Einführung

<http://www.mobilearn.at/ergebnisse/workp2/D2.1.4%20State-of-the-Art%20Wireless%20LANs%20und%20PANs%20v1.1.pdf>

Grundlagen:

<http://www.de.tomshardware.com/network/20030525/index.html>

<http://www.ydi.com/deployinfo/wp-radio-primer.php>

<http://www.personaltelco.net/index.cgi/WirelessSniffer>

Intrusion Detection:

<http://home.jwu.edu/jwright/papers/l2-wlan-ids.pdf>

Wireless News & Tutorials:

<http://www.wi-fiplanet.com/>

Literatur:

O'Reilly - 802.11 Wireless Networks: The Definitive Guide

Creating and Administering Wireless Networks

von Matthew Gast

Addison-Wesley - Wireless LAN

Protokolle und Anwendungen

von Axel Sikora
