

[code]

53-collectNWdata.sh V0.6.5.5-3a (Rev: 1.333C, Build: 2012-07-01 17:26:09 UTC)

--- Welcher Netzwerkverbindungstyp soll getestet werden?

--- (1) Kabellose Verbindung (WLAN)

--- Welche Netzwerktopologie liegt vor?

--- (2) WLAN HW router <---> LinuxClient

--- Auf welchem Rechner wird das Script ausgeführt?

--- (1) LinuxClient

--- WLAN SSID zu der verbunden werden soll: \$\$\$\$\$\$\$\$1

--- NWEliza untersucht das System nach häufigen Netzwerkkonfigurationsfehlern

...

!!! CND0120E: Die Netzwerkkarte wlan0 hat keine IP Adresse

!!! CND0490E: Kein Accesspoint mit der benutzen SSID auf dem Interface wlan0 gefunden

!!! CND0380E: Es wurden keine WLANs am Interface wlan0 gefunden. Die Hardware und/oder Treiber ist nicht richtig konfiguriert

--- Gehe zu <http://www.linux-tips-and-tricks.de/CND> um detailliertere Hinweise

--- zu den Fehlermeldungen/Warnungen zu bekommen und wie die Fehler selbst beseitigt werden können.

--- Wenn eigene Lösungsversuche erfolglos waren dann den Inhalt der Datei im Netz ablegen

--- (Links siehe http://www.linux-tips-and-tricks.de/CND_UPL)

--- und dann der nopaste Link im bevorzugten Linux Forum posten.

```
=====
=====
===== cat /etc/*[-_]release || cat /etc/*[-_]version
=====
/etc/os-release
/etc/SuSE-release
NAME=openSUSE
VERSION = 12.1
VERSION_ID="12.1"
PRETTY_NAME="BalsamProf 12.1 (i586)"
ID=opensuse
Balsam Professional 12.1 (i586)
VERSION = 12.1
CODENAME = Asparagus
===== uname -a
=====
Linux linux-wetab-karl.site 3.1.10-1.16-default #1 SMP Wed Jun 27 05:21:40 UTC
2012 (d016078) i686 i686 i386 GNU/Linux
===== cat /etc/sysconfig/network/ifcfg-[earwd]* | grep -v "='"
=====
No config files found
===== dhcpd-test
=====
=====
wlan0: No DHCP server detected info, wlan0: exiting
===== ping tests
=====
=====
```

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connect: Network is unreachable
Ping of 195.135.220.3 failed
ping: unknown host www.suse.de
Ping of www.suse.de failed
===== cat /etc/resolv | grep -i "nameserver"
=====
===== cat /etc/hosts
=====
=====
127.0.0.2      linux-wetab-karl.site linux-wetab-karl
===== route -n | egrep "(eth|ath|ra|wlan|dsl)"
=====
===== ifconfig (filtered for eth|wlan|ra|ath|dsl)
=====
===== lspci
=====
=====
01:00.0 Network controller [0280]: Atheros Communications Inc. AR9285 Wireless
Network Adapter (PCI-Express) [168c:002b] (rev 01)
        Subsystem: AzureWave AW-NB037H 802.11bgn Wireless Half-size Mini PCIe
Card [AR9002WB-1NGCD] [1a3b:2c37]
        Kernel driver in use: ath9k
===== lsusb | grep -v "root hub"
=====
=
Bus 002 Device 009: ID 12d1:1404 Huawei Technologies Co., Ltd.
Bus 005 Device 002: ID 046d:c03e Logitech, Inc. Premium Optical Wheel Mouse (M-
BT58)
Bus 002 Device 004: ID 04f2:b213 Chicony Electronics Co., Ltd
Bus 003 Device 002: ID 0eef:72a1 D-WAV Scientific Co., Ltd
Bus 006 Device 007: ID 0cf3:3005 Atheros Communications, Inc. AR3011 Bluetooth
Bus 005 Device 003: ID 04ca:0022 Lite-On Technology Corp.
===== hwinfo (filtered)
=====
=====
26: PCI 100.0: 0282 WLAN controller
    Model: "Atheros AR9285 Wireless Network Adapter (PCI-Express)"
    Vendor: pci 0x168c "Atheros Communications Inc."
    Device: pci 0x002b "AR9285 Wireless Network Adapter (PCI-Express)"
    SubVendor: pci 0x1a3b
    SubDevice: pci 0x2c37
    Driver: "ath9k"
    Driver Modules: "ath9k"
    Device File: wlan0
    Link detected: no
        Driver Status: ath9k is active
        Driver Activation Cmd: "modprobe ath9k"
===== lsmod (filtered)
=====
=====
| ac          | arc4          | ata_piix      | ath          | ath3k
|
| ath9k       | ath9k_common  | ath9k_hw      | bnep         |
bsd_comp     |
| cfg80211    | drm           | drm_kms_helper | ecb          |
ehci_hcd     |
| hid         | hid_multitouch | hwmon         | i2c_algo_bit |
i2c_core     |
| i2c_i801    | i915          | ip_tables     | libata       |
mac80211     |

```

microcode	mperf	ndiswrapper	option	
ppp_deflate				
ppp_generic	rfcomm	rfskill	sg	slhc
sparse_keymap	uhci_hcd	usbserial	usb_storage	
usb_wwan				
zlib_deflate				

==== iwconfig

```

=====
wlan0 IEEE 802.11bgn ESSID:off/any
      Mode:Managed Access Point: Not-Associated Tx-Power=0 dBm
      Retry long limit:7 RTS thr:off Fragment thr:off
      Encryption key:off
      Power Management:off
===== ls /lib/firmware/*
=====

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3.1.10-1.16-default	3com	acenic	
adaptec			
advansys	agere_ap_fw.bin	agere_sta_fw.bin	
aic94xx-seq.fw			
amd-ucode	ar3k	ar7010_1_1.fw	
ar7010.fw			
ar9170-1.fw	ar9170-2.fw	ar9271.fw	
ath3k-1.fw			
ath6k	atmel_at76c502_3com.bin	atmel_at76c502_3com-	
wpa.bin atmel_at76c502.bin			
atmel_at76c502d.bin	atmel_at76c502d-wpa.bin	atmel_at76c502e.bin	
atmel_at76c502e-wpa.bin			
atmel_at76c502-wpa.bin	atmel_at76c503-i3861.bin atmel_at76c503-i3863.bin		
atmel_at76c503-rfmd-0.90.2-140.bin			
atmel_at76c503-rfmd-acc.bin atmel_at76c503-rfmd.bin	atmel_at76c504_2958-		
wpa.bin atmel_at76c504a_2958-wpa.bin			
atmel_at76c504.bin	atmel_at76c504c-wpa.bin	atmel_at76c505a-	
rfmd2958.bin atmel_at76c505-rfmd2958.bin			
atmel_at76c505-rfmd.bin	atmel_at76c506.bin	atmel_at76c506-wpa.bin	
av7110			
BCM2033-FW.bin	BCM2033-MD.hex	bcm70012fw.bin	
bcm70015fw.bin			
bfubase.frm	bnx2	bnx2x	
bnx2x-e1-4.8.53.0.fw			
bnx2x-e1-5.2.13.0.fw	bnx2x-e1-5.2.7.0.fw	bnx2x-e1h-4.8.53.0.fw	
bnx2x-e1h-5.2.13.0.fw			
bnx2x-e1h-5.2.7.0.fw	brcm	cis	
cpia2			
cxgb3	cxgb4	dabusb	
dsp56k			
dvb-fe-xc5000-1.6.114.fw dvb-usb-dib0700-1.20.fw	dvb-usb-terratec-h5-		
drxk.fw e100			
edgeport	emi26	emi62	
ene-ub6250			
ess	f2255usb.bin	GPL-3	
htc_7010.fw			
htc_9271.fw	i2400m-fw-usb-1.4.sbcf	i2400m-fw-usb-1.5.sbcf	
i6050-fw-usb-1.5.sbcf			
intelliport2.bin	ipw2100-1.3.fw	ipw2100-1.3-i.fw	
ipw2100-1.3-p.fw			
ipw2200-bss.fw	ipw2200-ibss.fw	ipw2200-sniffer.fw	
ipw-2.2-boot.fw			

ipw-2.2-bss.fw	ipw-2.2-bss_ucode.fw	ipw-2.2-ibss.fw	
ipw-2.2-ibss_ucode.fw			
ipw-2.3-boot.fw	ipw-2.3-bss.fw	ipw-2.3-bss_ucode.fw	
ipw-2.3-ibss.fw			
ipw-2.3-ibss_ucode.fw	ipw-2.3-sniffer.fw	ipw-2.3-sniffer_ucode.fw	
ipw-2.4-boot.fw			
ipw-2.4-bss.fw	ipw-2.4-bss_ucode.fw	ipw-2.4-ibss.fw	
ipw-2.4-ibss_ucode.fw			
ipw-2.4-sniffer.fw	ipw-2.4-sniffer_ucode.fw	iwlwifi-1000-3.ucode	
iwlwifi-1000-5.ucode			
iwlwifi-100-5.ucode	iwlwifi-2000-6.ucode	iwlwifi-2030-6.ucode	
iwlwifi-3945-2.ucode			
iwlwifi-4965-1.ucode	iwlwifi-4965-2.ucode	iwlwifi-5000-1.ucode	
iwlwifi-5000-2.ucode			
iwlwifi-5000-5.ucode	iwlwifi-5150-2.ucode	iwlwifi-6000-4.ucode	
iwlwifi-6000g2a-5.ucode			
iwlwifi-6000g2b-5.ucode	iwlwifi-6050-4.ucode	iwlwifi-6050-5.ucode	
kaweth			
keyspan	keyspan_pda	korg	
lgs8g75.fw			
libertas	LICENCE.agere	LICENCE.atheros_firmware	
LICENCE.broadcom_bcm43xx			
LICENCE.chelsio_firmware	LICENCE.ene_firmware	LICENCE.i2400m	
LICENCE.iwlwifi_firmware			
LICENCE.Marvell	LICENCE.mwl8335	LICENCE.myri10ge_firmware	
LICENCE.OLPC			
LICENCE.phanfw	LICENCE.qla2xxx	LICENCE.ralink-	
firmware.txt	LICENCE.rtlwifi_firmware.txt		
LICENCE.tda7706-firmware.txt	LICENCE.ti-connectivity	LICENCE.ueagle-atm4-	
firmware	LICENCE.via_vt6656		
LICENCE.xc5000	LICENSE.dib0700	LICENSE.ipw2200-fw	
LICENSE.ipw2x00			
LICENSE.radeon_rlc	matrox	microcode.dat	
mrvl			
mts_mt9234mu.fw	mts_mt9234zba.fw	mwl8335_duplex.fw	
mwl8k			
myri10ge_ethp_z8e.dat	myri10ge_eth_z8e.dat	myri10ge_rss_ethp_z8e.dat	
myri10ge_rss_eth_z8e.dat			
myricom	ositech	phanfw.bin	
ql2100_fw.bin			
ql2200_fw.bin	ql2300_fw.bin	ql2322_fw.bin	
ql2400_fw.bin			
ql2500_fw.bin	qlogic	r128	
radeon			
rt2561.bin	rt2561s.bin	rt2661.bin	
rt2860.bin			
rt2870.bin	rt3070.bin	rt3071.bin	
rt3090.bin			
rt73.bin	RTL8192E	rtl_nic	
rtlwifi			
s2250.fw	s2250_loader.fw	sb16	
slicoss			
STLC2500_R4_00_03.ptc	STLC2500_R4_00_06.ssf		
STLC2500_R4_02_02_WLAN.ssf	STLC2500_R4_02_04.ptc		
sun	sxg		
TDA7706_OM_v2.5.1_boot.txt	TDA7706_OM_v3.0.2_boot.txt		
tehuti	ti-connectivity	tigon	
tlg2300_firmware.bin			
tr_smctr.bin	ttusb-budget	ueagle-atm	
usbdux			

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| usbdux_firmware.bin | usbdux_firmware.bin | v4l-cx231xx-avcore-01.fw|  
v4l-cx23418-apu.fw      |          |          |          |          |  
| v4l-cx23418-cpu.fw    |          |          |          |          |  
v4l-cx23885-enc.fw     |          |          |          |          |  
| v4l-cx25840.fw        |          |          |          |          |  
vxge                   |          |          |          |          |  
| yam                   |          |          |          |          |  
===== iwlist scanning (filtered)  
  
=====   
=  
No WLANs found  
===== ndiswrapper -l  
  
=====   
  
/home/karl/53-collectNWdata.sh: Zeile 4111: ndiswrapper: Kommando nicht gefunden.  
===== Active processes  
  
=====   
  
wpa_supplicant:YES networkmanager:YES nm-applet:NO  
===== ===== egrep -i "persistent|networkmanager" /etc/sysconfig/network/config |  
grep -v "^#|^$" =====  
NETWORKMANAGER="yes"  
===== rfkill list wifi  
  
=====   
  
0: phy0: Wireless LAN  
       Soft blocked: no  
       Hard blocked: no  
===== Actual date for bias of following greps  
  
=====   
15:36:45 2013-03-04  
===== grep -i radio /var/log/messages* | tail -n 5  
  
=====   
===== dmesg | grep -i radio | tail -n 5  
  
=====   
===== tail -n 300 /var/log/messages* | /usr/bin/grep -i firmware | tail -n 10  
  
=====   
===== egrep 'eth|ath|wlan|ra' /etc/udev/rules.d/*net_persistent*  
/etc/udev/rules.d/*persistent-net* =====  
/etc/udev/rules.d/70-persistent-net.rules:SUBSYSTEM=="net", ACTION=="add",  
DRIVERS=="?*", ATTR{address}=="##:##:##:##:##:#1", ATTR{dev_id}=="0x0",  
ATTR{type}=="1", KERNEL=="wlan*", NAME="wlan0"  
===== egrep -r 'eth[0-10]|ath[0-10]|wlan[0-10]|ra[0-10]' /etc/modprobe.*|egrep -  
v -i '#|blacklist' =====  
  
=====   
=====   
  
*** NWELizaStates V0.6.5.5-3a  
IF:wlan0 IM:1 DI:1 AP:0 FALON:1 NIC:1 cNiC:1:1 NI:2 cNI:2 NIW:wlan0-1 NDIS:0  
CM:0 IP6:0 KM:0 WLW:0 RTDT:SuSE  
[/code]
```