Basis für unser kindersicheres WLAN ist ein kostengünstiger (oder vorhandener) WLAN-Accesspoint oder –Router dessen Hersteller-Firmware durch frei Software ersetzt wird, die umfangreichere Möglichkeiten bietet als das Original. In unserem Fall wäre das DD-WRT mit der Homepage unter <u>http://www.dd-wrt.de</u>

		HOME DOWNLOADS	SHOP ACTIVATION CENTER PARTNERS
Regain your internet freedom	Support	Community	Contact
Customization Services	Router Database Check Router Support & Downloads	Forum Meet Other DD-WRT Users	Latest DD-WRT Releases
DD-WRT Shop Professional Soft-& Hardware	Documentation Learn How To Setup & Configure	Wiki Get More Information About DD-WRT	router please the Pouter Database:
Activation Center Access & Manage Your Licenses	FAQ Get Anawers For Common Issues	Donations Ways to support the project	PROUTEP-Database

Dort klicken wir das Menü ,Router-Database' an um ein aktuelles passendes Gerät zu finden, z.B. vom Hersteller TP-Link, der recht günstige Hardware anbietet.

dd-wrt	5.com		нс	ME DOWNLOADS S	HOP ACTIVATION CENTER PARTNERS
DD-WR Regain your	T PRIVACY internet freedom				
Professional		Support	Community		Contact
Router Database	Documentation	FAQ Other Download			
TP-Link					
44 routers found Manufacturer TP-Link	Model TL-MR3020	Revision v1.x	Supported yes	Activation required	When you see the desired router simply click onto the associated row to view details and available downloads .
TP-Link TP-Link	TL-MR3220 TL-MR3220	v1.x		no	For the supported status the following shortcuts apoly:
TP-Link	TL-MR3420	v1.x		no	yes - the router is supported
TP-Link TP-Link	TL-WA701ND	v1.x v2.x		no	support is in the works, but please don't ask how long it takes, we cannot give you a schedule in the
TP-Link TP-Link	TL-WA730RE	v1.x v2.x		no	most cases. ne - the router can be supported but
TP-Link TP-Link	TL-WA7510N	v1.x v1.x		no	is currently not and is not in the works • not possible - because of technical
TP-Link	TL-WA801ND	v2.x	-	no	issues router support is not possible Routers marked with "Activation
TP-Link	TL-WA830RE	v1.x v2.x	wip ee		required" are professional platforms that require an activation key for
TP-Link TP-Link	TL-WA901ND TL-WA901ND	v1.x v2.x		no	productive use. Licenses can be purchased in the DD-WRT Shop
TP-Link TP-Link	TL-WDR3500 TL-WDR3600	v1.x v1.x		no no	
TP-Link TP-Link	TL-WDR4300 TL-WDR4310	v1.x 1.x		no	
TP-Link	TL-WR1043N(D) TL-WR2543ND	1.x v1.x		no no	
TP-Link	TL-WR543g			no	
TP-Link	TL-WR642G		not possible	DO	

TP-Link	TL-WR703N	1.×	
TP-Link	TL-WR740N	1.x	no
TP-Link	TL-WR740N		
TP-Link	TL-WR740N	3.x	no
TP-Link	TL-WR740N	4.x	
TP-Link	TL-WR741ND		no
TP-Link	TL-WR741ND	4.0	
TP-Link	TL-WR743ND	v1.x	
TP-Link	TL-WR743ND		
TP-Link	TL-WR840N	v1.x	no
TP-Link	TL-WR841N(D)		
TP-Link	TL-WR841N(D)	5.x	no
TP-Link	TL-WR841N(D)		
TP-Link	TI-WR841N(D)	8.x	no
TP-Link	TL-WR842N(D)	v1.x	
TP-Link	TL-WR940ND	v1.x	no
TP-Link	TL-WR941N(D)	v1.x / v2.x / v3.x	
TP-Link	TL-WR941N(D)	v4.x / (v5.x old)	no
TP-Link	TL-WR941ND	v6.x	

Dort findet man z.B. aktuell das Model TL-WR841N(D) das in allen produzierten Versionen (3.x bis 8.x) unterstütz wird was man am grünen ,yes' erkennen kann. Außerdem hat das Gerät einen Straßenpreis von nur ca. 25,- €. Nach dem Klicken auf das ausgewählte Modell bekommt man einen Download-Link der wie folgt o.ä. aussieht.



In diesem Fall ist die Datei ,factory-tto-ddwrt.bin' die benötigte Firmware für unser Gerät. Diese Firmware muss nun über den originalen Webaccess des Gerätes (siehe Handbuch) als Firmware-Update installiert werden.

TP-LIN	Κ'	300M Wireless N Router Model No. TL-WR841N / TL-WR841ND
Status Quick Satup QSS	Firmware Upgrade	Firmware Upgrade Help To upgrade the Router's firmware, follow these instructions:
Network Wireless DHCP Forwarding Security	File: Durchsuchen Firmware Version: 3.12.5 Build 100929 Rel.57776n Hardware Version: WR841N v6/v7 00000000	 Download a most recent firmware upgrade file from our website (<u>wwwtp-link corn</u>). Enter or select the path name where you save the downloaded file on the computer into the File Name blank. Click the Upgrade button The Router will reboot while the upgrading has been
Access Control Advanced Routing Bandwidth Control IP & MAC Binding		tinistied. Firmware Version - Displays the current firmware version. Hardware Version - Displays the current hardware version. The hardware version of the upgrade file must accord with the current bardware version.
System Tools - Time Settings - Diagnostic - Firmware Upgrad	- 1 ider	Note: The firmware version must correspond to the hardware. The upgrade process takes a few moments and the Router restarts automatically when the upgrade is complete. It is important to keep power applied during the entire process. Loss of power during the upgrade could damage the Router.
Grie Dateisystem	aad	

Nach dem obligatorischen Neustart sollte nun der Webacces (nach Passwortänderung) wie folgt o.ä. aussehen.

Setup Wireless Services Security Access Restrictions NAT / QoS Administration Router Router Name DD-WRT Enabled DHOP Server Enabled Router Model TP-Link TL-WR740N v4 DHOP Server Enabled DHOP Server Enabled Wan MAC AD/F3/CL729/4E/51 DHOP Server Enabled DHOP Server Enabled Wan MAC AD/F3/CL729/4E/50 Total Available 29.1 MB / 32.0 MB Pre- Wan MAC AD/F3/CL729/4E/50 Total Available 29.1 MB / 32.0 MB Pre- WAN JP 192.168.99.134 UAN JP 192.168.91.18 Memory Total Available 29.1 MB / 32.0 MB Wireless Rado Rado is On Mode AP Network Mixed SID family-wilan 6(2437 MHz) TX Power 18.43 kB / 64 kB Space Usage Wireless Rate 72.2 Mb/s WREAM 18.43 kB / 64 kB NREAM Wireless Extent Too Space Usage NREAM 18.43 kB / 64 kB Wireless Extent Too Stopo OK, no error Stopo OK, no error					lna	nel	Т	ïme: 11:57:2	Firmware: DD-WRT v24-: 5 up 10 min, load average WAN IF	sp2 (03/25/13) sto : 0.28, 0.11, 0.06 2: 192.168.99.134
System Information Router Services Router Model TP-Link TL-WR740N v4 LAN MAC AD:F3:CL72:4E:50 WAM MAC AD:F3:CL72:4E:50 Wireless MAC AD:F3:CL72:4E:50 Wah IP 192:168.99.134 LAN IP 192:168.91.1 Wireless Mac Radio Radio is On Mode AP Network Mixed SSID family-wian Channel 6 (2437 Mrz) TX Power 18 d8m Rate 7.2.2 Mb/s Wireless Stor or or Wireless Stor or or Macd Stor or or Mode AP Network Mixed SSID family-wian Channel 6 (2437 Mrz) TX Power 18 d8m Rate 7.2.2 Mb/s Wireless Wireless Clients Interface Mixed Stor or or Mixed Stor or or Rate 7.2.2 Mb/s Wireless Interface Clients Interface	Setup Wireless	Services	Security	Access Re	estrictio	ns NAT/0	QoS Ad	Iministratio	on Status	
Router Services Router Name DD-WRT Router Model TP-Link TL-WR740N v4 LAN MAC A0:F3:C1:79:4E:51 WAN MAC A0:F3:C1:79:4E:50 Wireless MAC A0:F3:C1:79:4E:50 Wah JP 192:168.11 Used 16.3 MB / 29.1 MB Used 16.3 MB Cached 6.1 MB / 16.3 MB Active 4.3 MB / 16.3 MB Cached 6.1 MB / 16.3 MB Active 5.3 MB / 16.3 MB Inactive 5.3 MB / 16.3 MB Mode AP Network Mixed SSID family-wlan Channel 6 (2437 MHz) TX Power 18 dBm Rate 72.2 Mb/s Wireless Stor or nor Transmitted (TX) 5909 0K, no error Transmitted (TX) 5909 0K, no error Transmitted (TX) 54M Mi	System Informat	ion								
Router Name DD-WRT Enabled Router Model TP-Link TL-WR740N v4 Disabled LAN MAC A0:F3:C1:72:4E:51 WRT-radauth Disabled Wan MAC A0:F3:C1:72:4E:50 Memory Total Available 29.1 MB / 32.0 MB Wan IP 192.166.99.134 LaN MP / 29.1 MB Used 16.3 MB / 29.1 MB LAN IP 192.166.1.1 Buffers 2.0 MB / 16.3 MB Wireless Active 4.3 MB / 16.3 MB 16.3 MB Radio Radio is On Mode Active 4.3 MB / 16.3 MB Network Mixed SSID family-wlan 6.1 MB / 16.3 MB Channel 6 (2437 MHz) NRAM 18.43 KB / 64 KB Yireless Packet Info Mixed SSEG7 OK, no error Radio S567 OK, no error NYRAM 18.43 KB / 64 KB Wireless S567 OK, no error Transmitted (TX) S909 OK, no error Wireless Interface Uptime TX Rate State State Wireless Intefface Uptinne TX Rat	Router					Services				
Router Model TP-Link TL-WR740N v4 Mixed LAN MAC A0:F3:C1:79:4E:51 Memory Wan MAC A0:F3:C1:79:4E:50 Memory Wireless MAC A0:F3:C1:79:4E:50 Memory WAN IP 192:168.99.134 Used 16.3 MB / 29.1 MB LAN IP 192:168.1.1 Used 16.3 MB / 29.1 MB Wireless Addio is On Addio is On Addiver 4.3 MB / 16.3 MB Radio Radio is On Addiver 4.3 MB / 16.3 MB Addiver Network Mixed SSID family-wlan Cached 6.1 MB / 16.3 MB Rate 72.2 Mb/s NVRAM 18.43 KB / 64 KB Mixel Wireless Packet Info NVRAM 18.43 KB / 64 KB Mixel Wireless S567 OK, no error Transmitted (TX) S909 OK, no error Signal Quality Wireless Lack Interface Liptime TX Rate Signal Noise Signal Quality SucconconconfoirSi ah0 0:10:02 SiM SiM -31 -95 64	Router Name		DD-WRT			DHCP Serve	r		Enabled	
LAN MAC A0:F3:C1:79:4E:51 WAN MAC A0:F3:C1:79:4E:50 Wireless MAC A0:F3:C1:79:4E:50 WAN IP 192:168.99.134 LAN IP 192:168.1.1 Wireless Radio Radio Radio is On Mode AP Network Mixed SSID family-wlan Channel 6 (2437 MHz) TX Power 18 dBm Rate 72.2 Mb/s Wireless S567 OK, no error Transmitted (TX) 5909 OK, no error Wireless Interface Wireless Interface Vireless Interface Vireless Store of the store Vireless Interface Vireless Interface Vireless Interface Vireless Interface Mark Stime Mark Stime Mark Stime Stime Stime Stime Stime Stime	Router Model		TP-Link TL-WR	740N v4		WRT-radau	th		Disabled	
WAN MAC AD:F3:C1:79:4E:50 Wireless MAC AD:F3:C1:79:4E:50 WAN IP 192:168.9.134 LAN IP 192:168.1.1 Wireless Cached Radio Radio is On Mode AP Network Mixed SSID family-wlan Channel 6 (2437 MHz) TX Power 18 dBm Rate 72.2 Mb/s Wireless S567 OK, no error Transmitted (TX) 5909 OK, no error Wireless Interface Wireless Interface Vireless Interface Vireless Interface Vireless Interface Vireless Interface Mireless Interface Vireless Interface Mireless Interface Vireless Interface Mireless Interface Vireless Interface Mireless Interface Mireless Interface	LAN MAC		A0:F3:C1:79:	4E:51						
Wireless MAC ADIF3:C1:79:4E:50 Total Available 29.1 MB / 32.0 MB WAN JP 192.166.99.134 LAN JP 192.166.1.1 Used 16.3 MB / 29.1 MB Wireless Radio Radio is On Active 16.3 MB 2.0 MB / 16.3 MB Wireless Cached A.1 MB / 16.3 MB Cached A.1 MB / 16.3 MB Node AP Inactive 5.3 MB / 16.3 MB Inactive 5.3 MB / 16.3 MB SSID Family-wlan 6 (2437 MHz) NVRAM 18.43 KB / 64 KB Space Usage TX Power 18 dBm Rate 72.2 Mb/s NVRAM 18.43 KB / 64 KB Wireless Packet Info Space Usage NVRAM 18.43 KB / 64 KB Wireless Space Usage NVRAM 18.43 KB / 64 KB Wireless Space Usage NVRAM 18.43 KB / 64 KB Wireless Space Usage NVRAM 18.43 KB / 64 KB Wireless Space Usage NVRAM 18.43 KB / 64 KB Wireless Space Usage NVRAM 18.43 KB / 64 KB Wirel	WAN MAC		A0:F3:C1:79:	4E:50		Memory				
WAN IP 192.168.99.134 LAN IP 192.168.99.134 LAN IP 192.168.1.1 Wireless 2.0 MB / 16.3 MB Radio Radio is On Mode AP Network Mixed SSID family-wlan Channel 6 (2437 MHz) TX Power 18 dBm Rate 72.2 Mb/s Wireless Packet Info Received (RX) 5567 OK, no error Transmitted (TX) 5909 OK, no error Wireless 1nterface Vireless Interface Vireless Interface Vireless 10:10:2 SH 54M -95 64 78%	Wireless MAC		A0:F3:C1:79:	4E:50		Total Availa	ble		29.1 MB / 32.0 MB	
LAN IP 192.168.1.1 Used 16.3 MB / 29.1 MB Wireless 2.0 MB / 16.3 MB 2.0 MB / 16.3 MB Radio Radio is On 6.1 MB / 16.3 MB Mode AP Active 4.3 MB / 16.3 MB Network Mixed 5.3 MB / 16.3 MB SSID family-wlan Inactive 5.3 MB / 16.3 MB Channel 6 (2437 MHz) TX Power 18.43 KB / 64 KB Wireless Packet Info	WAN IP		192.168.99.1	34		Free			12.8 MB / 29.1 MB	
Wireless Radio is On Radio is On Active 4.3 MB / 16.3 MB Mode AP Inactive 5.3 MB / 16.3 MB Network Mixed SSID family-wlan Channel 6 (2437 MHz) Space Usage TX Power 18 dBm Rate 72.2 Mb/s Wireless Packet Info	LAN IP		192.168.1.1			Used			16.3 MB / 29.1 MB	
Wireless Radio is On Address Interface Uptime TX Rate Standard Standard <td< th=""><td></td><td></td><td></td><td></td><td></td><td>Buffers</td><td></td><td></td><td>2.0 MB / 16.3 MB</td><td></td></td<>						Buffers			2.0 MB / 16.3 MB	
Radio Radio is On Active 4.3 MB / 16.3 MB Mode AP Inactive 5.3 MB / 16.3 MB Network Mixed SSID family-wlan Channel 6 (2437 MHz) NWAM 18.43 KB / 64 KB TX Power 18 dBm Mixed SSEC Wireless Packet Info Wireless SSE7 OK, no error Transmitted (TX) S909 OK, no error SSE7 OK, no error Wireless Interface Uptime TX Rate Signal Noise SNR Signal Quality XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Wireless					Cached			6.1 MB / 16.3 MB	
Mode AP Network Mixed SSID Family-wlan Channel 6 (2437 MHz) TX Power 18 dBm Rate 72.2 Mb/s Wireless Packet Info Received (RX) 5567 OK, no error Transmitted (TX) 5909 OK, no error Wireless Keters Wireless MAC Address Interface Uptime TX Rate RX Rate Signal MAC Address Interface Uptime TX Rate Signal Noise SNR NAC Address Interface Uptime TX Rate RX Rate Signal Noise SNR Signal Quality XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Radio		Radio is On			Active			4.3 MB / 16.3 MB	
Network Mixed SSID family-wlan Channel 6 (2437 MHz) TX Power 18 dBm Rate 72.2 Mb/s Wireless Packet Info Received (RX) 5567 OK, no error Transmitted (TX) 5909 OK, no error Wireless Vireless Wireless 5567 OK, no error Transmitted (TX) 5909 OK, no error Vireless 5909 OK, no error Transmitted (TX) 5909 OK, no error Wireless 100 0:10:02 State State Signal Quality xx0xx0xx0x0:60:51 ath0 0:10:02 54M 54M -31 -95 64 78%	Mode		AP			Inactive			5.3 MB / 16.3 MB	
SSID family-wlan Channel 6 (2437 MHz) TX Power 18 dBm Rate 72.2 Mb/s Wireless Packet Info Received (RX) 5567 OK, no error Transmitted (TX) 5909 OK, no error Wireless Wireless Vireless Mireless Clients MAC Address Interface Uptime TX Rate Signal Noise SNR MAC Address Interface Uptime TX Rate Signal Noise SNR Signal Quality Address Interface Uptime TX Rate Signal Noise NHCP	Network		Mixed							
Channel 6 (2437 MHz) TX Power 18 dBm Rate 72.2 Mb/s Wireless Packet Info Received (RX) 5567 OK, no error Transmitted (TX) 5909 OK, no error Wireless Clients MAC Address Interface Uptime TX Rate Signal Noise SNR Signal Quality XXXXXXX:60:51 ath0 0:10:02 54M 54M -31 -95 64 78%	SSID		family-wlan			Space Usage				
TX Power 18 dBm Rate 72.2 Mb/s Wireless Packet Info Received (RX) 5567 OK, no error Transmitted (TX) 5909 OK, no error Wireless Vireless Clients MAC Address Interface Uptime TX Rate Signal Noise SNR Signal Quality XXXXXXXX:60:51 ath0 0:10:02 54M DHCP DHC TX Rate Noise SNR	Channel		6 (2437 MHz)			NVRAM			18.43 KB / 64 KB	
Rate 72.2 Mb/s Wireless Packet Info Received (RX) 5567 OK, no error Transmitted (TX) 5909 OK, no error Wireless Wireless Clients MAC Address Interface Uptime TX Rate Signal Noise SNR Signal Quality xxixxixxi60:51 ath0 0:10:02 54M DHCP DHC Contemport	TX Power		18 dBm							
Wireless Packet Info Received (RX) 5567 OK, no error Transmitted (TX) 5909 OK, no error Wireless Clients MAC Address Interface Uptime TX Rate Signal Noise SNR Signal Quality xx::xx::xx::xx::60:51 ath0 0:10:02 54M 54M -31 -95 64 78%	Rate		72.2 Mb/s							
Received (RX) 5567 OK, no error Transmitted (TX) 5909 OK, no error Wireless	Wireless Packet Info									
Transmitted (TX) 5909 OK, no error Wireless Clients MAC Address Interface Uptime TX Rate Signal Noise SNR Signal Quality xxxxxxxxxi60:51 ath0 0:10:02 54M 54M -31 -95 64 78%	Received (RX)		5567 OK, no e	rror						
Wireless Clients MAC Address Interface Uptime TX Rate RX Rate Signal Noise SNR Signal Quality xxixxixxixxi60:51 ath0 0:10:02 54M 54M -31 -95 64 78% DHCP XXIXXIXXI XXIXIXIXI XXIXIXIXI XXIXIXIXIXI XXIXIXIXIXIXIXI XXIXIXIXIXIXIXIXIXIXIXIXIXI XXIXIXIXIXIXIXIXIXIXIXIXIXIXIXIXIXIXIX	Transmitted (TX)		5909 OK, no e	error						
Clients MAC Address Interface Uptime TX Rate RX Rate Signal Noise SNR Signal Quality XX:XX:XX:60:51 ath0 0:10:02 54M 54M -31 -95 64 78% DHCP	Wireless									
MAC Address Interface Uptime TX Rate RX Rate Signal Noise SNR Signal Quality xx:xx:xx:xx:60:51 ath0 0:10:02 54M 54M -31 -95 64 78%	Clients									
XX:XX:XX:60:51 ath0 0:10:02 54M 54M -31 -95 64 78%	MAC Address	Interface	Uptime	TX Rate	RX Ra	e Signal	Noise	SNR	Signal Quality	
DHEP	xx:xx:xx:xx:60:51	ath0	0:10:02	54M	54M	-31	-95	64	78%	
	DHCP									
DHCP Clients	DHCP Clients									
Hostname IP Address MAC Address Client Lease Time Microknoppix 192.168.1.116 xx:xx:xx:c0:51 1 day 00:00:00	Hostname Microknoppix		IP Address 192.168.1.116			MAC Addres: xx:xx:xx:xx:6	0:51		Client Lease Time 1 day 00:00:00	

Nun ist es an der Zeit den zusätzlich benötigten Open DNS-Account anzulegen. Dazu wechseln wir auf die Homepage von Open-DNS unter <u>https://www.opendns.com</u> und wählen dort die Auswahl für die private Nutzung ,Personal'



... und dort unter ,PARENTAL CONTROLS' den Menüpunkt ,GET STARTED' ...

OpenDNS	Business MSP & Part	tners Personal	About Us	с	ι (D Lo	ogin
OVERVIEW	PARENTAL CONTROLS	ENHANCED DNS	PHISHING PROTECTION				

PERSONAL INTERNET SECURITY

The easiest way to make your Internet safer, faster and more reliable.



 \ldots und dort den kostenlosen , OPENDNS HOME' Account \ldots

OpenDNS	Business MSP &	Partners Personal	About Us	۹	0	Login
OVERVIEW	PARENTAL CONTROL	S ENHANCED DM	S PHISHING PROTECTION			

OPENDNS PARENTAL CONTROL SOLUTIONS

Please select a package below that fits your needs.



OpenDNS Home

Our classic service with customizable filtering and security. Free.

... und nun noch mit der eigenen Emailadresse einen Account anlegen. Danach erhält man eine Bestätigungs-Email, die nach Aktivierung den Account freischaltet.

′ou're ju	st three steps away from a safer, faster, smarter and	Create a free account
nore reli	able Internet — for free!	Already have an account? <u>Sign in</u> .
<u></u>	earn more about open bits solutions for schools and businesses.	Email:
A	A faster Internet	Hans@Wurst.AG
	Websites will load faster, and with OpenDNS' 100% up-time, you won't have to warry about uproachable websites and DNS outgoes from your	Confirm Email:
	ISP.	Hans@Wurst.AG
	Learn more	Password:
	Robust Web content filtering	
STOP	With over 50 customizable filtering categories, OpenDNS Web content filtering keeps parents in control of what websites children visit at home.	
	Learn more	Where did vou hear about OpenDNS?
		Friend/colleague recommendation 👻
	Phishing protection	Where will you use this account?
	OpenDNS blocks phishing websites that try to steal your identity and login information by pretending to be a legitimate website. Surf the Web with confidence.	Household
	Learn more	Continue
		By creating an account, you are agreeing to
	You're in good company	the OpenDNS <u>Terms of Use</u> and <u>Privacy</u> Policy
	Over 30,000,000 homes, schools, and businesses of all sizes rely on OpenDNS for a better Internet.	Just want free DNS without creating an account? <u>Go right ahead!</u>

Nun kann man sich unter <u>https://www.opendns.com</u> einloggen (Sign-In) und erhält folgende Ansicht o.ä. und dann auf den Menüpunkt ,SETTINGS'

	🚓 OpenDNS.com 🔢 Dashboard 🗩 Community
OpenDNS / dashboard	
	HOME STATS SETTINGS MY ACCOUNT SUPPORT TELL A FRIEND
Settings	
Dynamic IP addresses	Add a network
OpenDNS supports networks ranging from single IP addresses, dynamic or static,	IP:
on up to /16. <u>Learn more</u> about dynamic IPs.	ADD THIS NETWORK
Network verification For individual IP addresses, verification is self-service, if	Network(s) deleted
you can click on a link from the network IP address. Networks	You don't have any networks yet — add one!
larger than a single IP address are verified by OpenDNS employees reviewing account info and public records (like	It is important that you add a network in order to experience the full benefits of OpenDNS. A network may be a single IP address (static or dynamic) or a full range of IP addresses, depending on the size of your network.
whois).	Have a dynamic IP? Use our software to keep your account updated.
	If you are a home user, your current IP address is located in the upper-right when logged in to your OpenDNS account. Most home users have a dynamic IP address, meaning that it changes occasionally. We recommend that you use our <u>client-side software</u> to keep your dynamic IP updated for your network.

Nun benötigen wir die momentane IP-Adresse des Internetanschlusses, die wir unter <u>http://www.dnswatch.info/meine-ip</u> erfahren können. Bitte einen neuen Tab im Browser öffnen, weil wir den OpenDNS-Account noch benötigen! Die angezeigte IP-Adresse im Open-DNS-Account unter ,ADD THIS NETWORK' eintragen, bestätigen und ggf. einen beliebigen Namen vergeben. Diesen Namen benötigen wir später wieder!

Settings for: home (93	.212.95.75) 🔹	Add/manage network				
Web Content Filtering	Web Content Filt	tering				
Security Customization	Choose your filte	ring level				
Advanced Settings	ligh High	Protects against all adult-related sites, illegal activity, social networking sites, video sharing sites, and general time-wasters. 26 categories in this group - <u>View - Customize</u>				
Your users can contact you directly from the block page if they baye questions. It'll show	Moderate	Protects against all adult-related sites and illegal activity, 13 categories in this group - <u>View</u> - <u>Customize</u>				
up as an email in your inbox.	Low	Protects against pornography. 4 categories in this group - <u>View</u> - <u>Customize</u>				
Note about DNS forwarding	None	Nothing blocked.				
to OpenDNS, domain blocking may not work properly if the domain's address is in your forwarder's cache.	Custom	Choose the categories you want to block.				
Check a domain						
<u>Find out</u> whether it would be blocked, and why.	Manage individua	al domains				
	If there are domains you want to make sure are always blocked (or always allowed)					

Dort wählen wir für den Anfang ,High' als Filter-Level aus und können bei Bedarf auch noch zusätzliche Webseiten blocken oder auch freigeben.

OpenDNS aktualisiert für uns tagesaktuell automatisch diese Filter. Der Trick für unserer kindersicheres WLAN besteht nun darin das wir vor dem Öffnen einer Webseite automatisch bei OpenDNS nachfragen ob diese Seite erlaubt ist oder geblockt werden soll. Das passiert in Zukunft vollautomatisch ohne unser Zutun wenn wir eine Website im Browser über unser kindersicheres WLAN aufrufen wollen. Im OpenDNS-Account werden die Filter nur gepflegt und können individuell angepasst werden.

Aber noch sind wir nicht am Ziel!

Nun müssen wir wieder auf den Webaccess unseres Gerätes mit der neuen DD-WRT-Firmware und dort unter ,Administration => Commands' folgende Textzeilen über die Zwischenablage in das Fesnter kopieren und bestätigen.

iptables -t nat -A PREROUTING -i br0 -p udp --dport 53 -j DNAT --to \$(nvram get lan_ipaddr) iptables -t nat -A PREROUTING -i br0 -p tcp --dport 53 -j DNAT --to \$(nvram get lan_ipaddr)

Diese Textzeilen bewirken später das man nur noch die DNS-Server von OpenDNS benutzen kann und Manipulation verhindert wird.

dd- Setup	-VVC Wireles	Service	∽ … ⊂C s Security		ol pane	el NAT / QoS	Time: 12:33	Firmware: D 3:10 up 46 min, l tion Statu	D-WRT v24-sp2 (03/25/13) std oad average: 0.13, 0.09, 0.05 WAN IP: 192.168.99.134 IS
Manage	ment	Keep Alive	Commands	WOL	Factory Defa	ults Firm	ware Upgrade	Backup	
Diagno	ostics							Help	more
Command Command	Shell Js		iptables etables	-t nat -t nat	-A PREROUTIN -A PREROUTIN	(G -i brO - (G -i brO -	p udp p ter	Command You can ru interface. I command a submit.	ds: n command lines via the web Fill the text area with your and click <i>Run Commands</i> to

Unter ,Services => DNSMasq' folgende Einstellungen vornehmen und bestätigen.

dd-wrt.com	contr	ol pane	<u>- I</u>	Firr Time: 12:40:19 up	mware: DD-WRT 53 min, load av V	v24-sp2 (03/25/13) std erage: 0.01, 0.06, 0.04 /AN IP: 192,168.99.134
Setup Wireless Services	Security Acces	s Restrictions	NAT / QoS	Administration	Status	
Services VPN Hotspot						
Services Management					Help	more
DHCP Client						
Set Vendorclass						
Request IP						
DHCP Server						
Use JFFS2 for client lease DB	(Not mounted)					
Use NVRAM for client lease DB						
Used Domain	WAN 👻					
LAN Domain						
Additional DHCPd Options				.4		
Static Leases						
MAC Address Hostnam	e IP A	lddress	Client Leas	e Time		
	Add Remo	ve				
[<mark>NSMasq</mark>						
DNSMasq	🖲 Enable 🔘 Disab	le				
Local DNS	🖲 Enable 🔘 Disab	le				
No DNS Rebind	🖲 Enable 🔘 Disab	le				
Additional DNSMasq Options	no-resolv strict-order server=208.67.222.2 server=208.67.222.2	22 20		.4		

Nun wechseln wir zum Menüpunkt ,Setup => DDNS' wo wir unser Gerät mit dem OpenDNS-Account bekanntmachen, den wir kurz zuvor angelegt hatten.

dd-wrt.com control panel							Firmware: DD-W 16 up 1:03, load	/RT v24-sp2 (03/25/13) std i average: 0.00, 0.03, 0.04 WAN IP: 192.168.99.134		
Setup	Wireless	Services	Security	Access Restrictions	NAT / QoS	Administration	i Status			
Basic Setu	DDNS	MAC Add	lress Clone	Advanced Routing	Networking	EoIP Tunnel				
Dynamic	Domain Na	ame Syste	m (DDNS)			Help	more			
DDNS								DDNS Service:		
DDNS Servio	e		Custom	▼			DDNS allows you to access your network using domain names instead of			
DYNDNS Server			updates.dns	updates.dnsomatic.com				The service manager ddresses and updates		
Username								formation dynamically. up for services through		
Password	Password			••••••				DynDNS.org, freedns.affraid.org, ZoneEdit.com, No-IP.com, or other		
Hostname			hostname=h	hostname=home				DNS service.		
URL			/nic/update?	/nic/update?				Force Update Interval:		
					set the force update interval (in days).					
Additional DDNS Options					automatically when your IP address has changed. Be aware of your DNS					
					provider's update abuse policy to avoid having your hostname or domain blocked.					
Do not use e	external ip che	eck	🔘 Yes 🔘	Ves INO						
Options										
Force Update Interval			1	1 (Default: 10 Days, Range: 1 - 60)						
DDNS Service =			Cust	tom						
DYNDNS Server =			updates.dnsomatic.com							
Username =			<emailadresse des="" opendns-account=""></emailadresse>							
Password =			<passwort des="" opendns-account=""></passwort>							
Hostename =			host	hostname= <name des="" opendns-network=""></name>						
URL =			/nic/	/nic/update?						

... sonstige Einstellungen wie Screenshot und bestätigen.

Unter ,Wireless => Basic Settings' folgende Einstellungen vornehmen.

,klicksafe-wlan' ist der zukünftige Name unseres kindersicheren WLAN (und <u>http://www.klicksafe.de</u> ist eine interessante Website zu diesem Thema)

dd-wrt.com	contro	ol pane	el	Fir Time: 13:07:36	mware: DD-V up 1:20, loac	/RT v24-sp2 (03/25/13) std average: 0.01, 0.05, 0.04 WAN IP: 192.168.99.134	
Setup Wireless Services	Security Access	Restrictions	NAT / QoS	Administration	Status		
Basic Settings SuperChannel	Wireless Security	MAC Filter	WDS				
Wireless Physical Interface at	h0 [2.4 GHz]				Help	more	
Physical Interface ath0 - SSID [family-wlan] HWAddr [A0:F3:C1:79:4E:50] Wireless Mode AP Wireless Network Mode NG-Mixed Channel Width Dynamic (20/40 MHz) Wireless Channel Auto Wireless Network Name (SSID) klicksafe-wlan Wireless SSID Broadcast © Enable						Wireless Network Mode: If you wish to exclude Wireless-G clients, choose <i>B-Only</i> mode. If you would like to disable wireless access, choose <i>Disable</i> . Note : when changing wireless mode, some advanced parameters are succeptible to be modified ("Afterburner", "Basic Rate" or "Frame Burst"). Sensitivity Range:	
Advanced Settings	Add	_		μ 5 	adjusts the A(iming complet irmwares. On irmware, 0 er hode.	:K timing. 0 disables ack ely for Broadcom Atheros based ables auto ACK timing	
Save	Apply Settings	Cancel Change	s				

Unter ,Wireless => Wireless Security' folgende Einstellungen vornehmen und ein Passwort für das WLAN unter ,WPA Shared Key' vergeben.

dd-wrt.com	contr	ol pane	el	F Time: 13:10:4	irmware: DD-V 0 up 1:24, load	VRT v24-sp2 (03/25/13) std d average: 0.09, 0.08, 0.05 WAN IP: 192.168.99.134
Setup Wireless Services	Security Access	Restrictions	NAT / QoS	Administration	Status	
Basic Settings SuperChannel	Wireless Security	MAC Filter	WD5			
Wireless Security ath0					Help	more
Physical Interface ath0 SSID [klicksafe-wlan] HWAddr [A0:F3:C1:79:4E:50] Security Mode WPA2 Personal Mixed ~ WPA Algorithms TKIP ~ WPA Shared Key •••••••••					Security Mo You may choo WPA Personal RADIUS. All do must use the s N-Mode you m	de: se from Disable, WEP, , WPA Enterprise, or evices on your network same security mode. With nust use WPA2/AES.
Key Renewal Interval (in seconds) 3600 (Default: 3600, Range: 1 - 99999)						
	Save Apply S	iettings				

Und zuletzt noch die Einstellungen für die Verbindung zum vorhandenen Router (Fritzbox, Speedport, etc.) eingeben und bestätigen.

dd-wrt			_]	F Time: 13:12:2	Firmware: DD-WRT v24-sp2 (03/25/13) std (1 up 1:25, load average: 0.03, 0.06, 0.05 WAN IP: 192.168.99.134	
Setup Wireless 9	Services Security	Access Restrictions	NAT / QoS	Administration	n Status	
Basic Setup DDNS	MAC Address Clone	Advanced Routing	Networking	EoIP Tunnel		
WAN Setup					Help more	
WAN Connection Type	Automatic Co	nfiguration - DHCP 👻			Automatic Configuration - DHCP: This setting is most commonly used by cable operators.	
Optional Settings					Hostname:	
Router Name	DD-WRT				Enter the hostname provided by your ISP.	
Hostname Domain Name MTU	Auto 🗸	1500			Domain Name: Enter the domain name provided by your ISP.	
STP	© Enable	 Disable 			Local IP Address: This is the LAN-side IP address of the router.	
Network Setup					Subnet Mask:	
Router IP					This is the subnet mask of the router.	
Local IP Address Subnet Mask Gateway	192 . 1 255 . 2 0 .	68, 1, 1 55, 255, 0 0, 0, 0			DHCP Server: Allows the router to manage your IP addresses.	
Local DNS	0.	0, 0, 0			Start IP Address: The address you would like to start with.	
Network Address Server 5	DHCD Server				Maulianum DUCD II.aura	
DHCP Server	Enable				You may limit the number of addresses	
Start IP Address	your router hands i predefined static le				your router hands out. O means only predefined static leases will be handed	
Maximum DHCP Users	50				out,	
Client Lease Time	Client Lease Time 1440 min					
Static DNS 1	208 .	67 . 222 . 222			time (DST) period. The router can use	
Static DNS 2	208 .	67. 220. 220				
Static DNS 3	0.	0. 0. 0				
WINS	0.	0. 0. 0				
Use DNSMasq for DHCP						
Use DNSMasq for DNS						
DHCP-Authoritative						

Unter ,Setup => DDNS => DDNS Status' kann man z.B. kontrollieren ob die Verbindung zum OpenDNS-Account funktioniert.

dd-wrt.com	Firmware: DD-WRT v24-sp2 (03/25/13) std 7 up 1:30, load average: 0.00, 0.03, 0.04 WAN IP: 192.168.99.134								
Setup Wireless Services	Wireless Services Security Access Restrictions NAT / QoS Administrat								
Basic Setup DDNS MAC Add	ress Clone Advanced Rou	ing Networking	EoIP Tunnel						
Dynamic Domain Name Syster		Help more							
DDNS	DDNS								
DDNS Service	Custom 👻			DDNS allows you to access your network using domain names instead of					
DYNDNS Server	updates.dnsomatic.com	IP addresses. The service manager changing IP addresses and updates							
Username	[your domain information dynamically. You must sign up for services through					
Password	•••••••			DynDNS.org, freedns.affraid.org, ZoneEdit.com, No-IP.com, or other					
Hostname	hostname=home	similar dynamic DNS service.							
URL Additional DDN5 Options	/nic/update?			Force Update Interval: Type an integer number in the box to set the force update interval (in days). Updates should only be performed automatically when your IP address has changed. Be aware of your DNS provider's update abuse policy to avoid having your hostname or domain blocked.					
Do not use external ip check									
Options									
Force Update Interval	1 (Default: 10 Days, Range: 1 - 60)								
DDNS Status									
Mon Feb 16 13:16:03 2015: INADYN: Started 'INADYN Advanced version 1.96-ADV' - dynamic DNS updater. Mon Feb 16 13:16:03 2015: INADYN: IP read from cache file is '93.212.95.75'. No update required.									
Save Apply Settings Cancel Changes Auto-Refresh is On									



Viel Spass wünscht SuperAdmin.biz!