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The current [web interface](#) of DD-WRT

DD-WRT?????????????????? GPL ?????? Broadcom ? Atheros ?????????? ieee802.11a/b/g/h/n ??????

???? BrainSlayer ??????dd-wrt.com?DD-WRT ???????Sveasoft Inc ??? Alchemy ?????, ? Alchemy ???
GPL ? Linksys????????????????????? Sveasoft ??20?????Alchemy?????????????????DD-WRT?

?? DD-WRT ?????? BrainSlayer [1] (????????????????? DD-WRT ??????????????)

DD-WRT ??? (v24) ??????????DD-WRT ??? OEM ?????? Sveasoft ?????????????????????? Sveasoft
?????????????????

??: bug ? Beta ?????????????????????????? beta ?????????? DD-WRT ?????? bug ??????DD-WRT [Bugtracker](#)?

???? Linksys ??????????DD-WRT ???Kai Console Gaming network ? Kai ?????WDS
????/?????????????Radius ?????????????????? SD ??????????

DD-WRT ?? DD ?????????????????????? (Dresden) ??????

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???"DD-WRT"?

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- IXP ???
- ◆ 5.4 ?? Ralink
- ???
- ◆ 5.5 ?? x86 ???

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- ??? (Windows?Linux?Mac?????)
- ????????? (DSL?????????)
- ?? Linksys WRT54G/GL/GS ??????[Supported Devices?]????
- ? DD-WRT ?????? DD-WRT ????
- ??????????????????

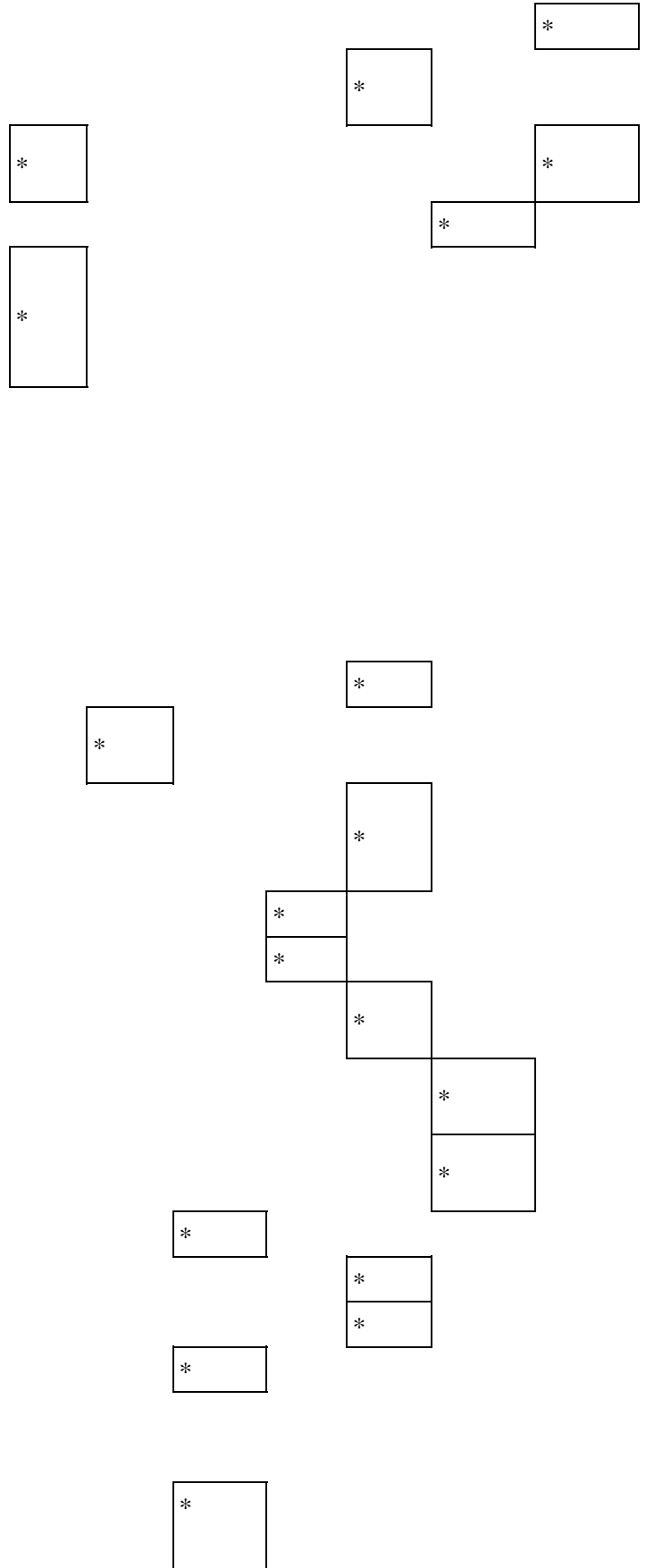
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Feature v \ Categories->	<u>Lan</u>	<u>Wlan</u>	<u>Wan</u>	<u>DNS</u>	<u>Man- age- ment</u>	<u>Moni- toring</u>	<u>NAT</u>	<u>Serv- ices</u>	<u>Traffic mode- ration incl. QoS</u>	<u>Traffic redir- ection</u>
13 languages					*					
<u>802.1x Extensible Authentication Protocol (EAP)</u>		*								
<u>802.1x Extensible Authentication Protocol (EAP)</u>		*								
<u>Access Restrictions</u>									*	
<u>Ad hoc</u>		*								
<u>Afterburner</u>		*								
<u>Client Isolation Mode</u>		*								
<u>Client Mode</u> (supports multiple connected		*								

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???"DD-WRT"?

clients)		
<u>DHCP Forwarder (udhcp)</u>	*	*
<u>DHCP Server (udhcp or Dnsmasq)</u>	*	*
<u>DNS Forwarder (Dnsmasq)</u>	*	*
<u>DMZ</u>	*	*
<u>Dynamic DNS (DynDNS, easyDNS, FreeDNS, No-IP, TZO, ZoneEdit, custom, and others)</u>		
<u>Hotspot Portal (Sputnik Agent ,Chillispot)</u>		*
<u>IPv6</u>		
<u>JFFS2 (JFFS2)</u>		
<u>MMC/SD Card Support (hardware modification required)</u>		
<u>NTP</u>	*	*
<u>ntop Remote Statistic (ntop)</u>		
<u>OpenVPN Client & Server (only in -vpn build of the firmware)</u>		
<u>Port Triggering</u>		
<u>Port Forwarding</u>		
<u>PPTP VPN Server & Client</u>		
<u>QoS Bandwidth Management</u>		
<u>QoS L7 Packet Classifier (l7-filter)</u>		
<u>RFlow</u>		
<u>Routing (BIRD)</u>		
<u>Samba FS Automount</u>		
<u>Syslog</u>		
<u>Rx Antenna</u>		*
<u>Tx Antenna</u>		*
Show Status of Wireless Clients and WDS with		*



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???"DD-WRT"?

System Uptime/Processor Utilization					
<u>Site Survey</u>		*			*
<u>SNMP</u>				*	*
<u>SSH server & client (dropbear)</u>				*	*
Startup, Firewall, and Shutdown scripts (<u>startup script</u>)					*
<u>Static DHCP</u>	*	*			*
Style (Changeable GUI; v.23)				*	
Supports New Devices (WRT54G V3, V3.1, V4, V5 and WRT54GS V2.1, V3, V4)					
<u>Telnet server & client</u>				*	*
Transmit Power Adjustment (0-251mW, default is 28mW, 100mW is safe)			*		
<u>UPnP</u>	*	*			*
<u>USB</u>					
<u>VLAN</u>	*	*	*		*
<u>WOL (Wake On Lan) (WOL)</u>					*
<u>WDS Connection Watchdog</u>		*			
<u>WDS Repeater Mode</u>		*			
<u>Wireless MAC Address Cloning</u>				*	
<u>Wireless MAC Filter</u>		*			*
<u>WMM (Wi-Fi MultiMedia)</u>		*			*
WPA over WDS		*			
WPA/TKIP with AES		*			
<u>WPA2</u>		*			
Xbox Kaid (<u>Kai Engine</u>)	*	*			*

???"DD-WRT"?

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?????? **V24** ????????

[??] - ?????????????????? ???? 30/30/30

[??] - ???????(?????? svn ?????? svn)????????/????????/?????????????????svn?????????????????

?? ?????????????????????????????????????

?? telnet ?????????? w10_corerev?

nvramp get w10_corerev

?? Broadcom ????? VINT ??:

- ????? Broadcom 4702/4710 ??? (125MHz)???? mini-PCI cards w10_corerev < 5 ?????(?? Belkin F5D7130-4 v1000 - v1112)
- Linksys WRT54G v1
- Linksys WAP54G v1
- Sitecom WL-105b

?? Broadcom ????? normal ?? (???? NEWD):

- Asus WL-520GU
- Buffalo WHR-G125
- Linksys WRT54G v8.0-8.2
- Linksys WRT54GS v7.0
- ????? Broadcom 4704, 4785, 5354, 5365 ??????????

?????????? normal (?? - ????? NEWD) ????? VINT ??.

- Buffalo WHR-HP-G54, WHR-G54S
- Linksys WRT54G v4.0
- Linksys WRT54GL 1.0 & 1.1
- ????? Broadcom 5352 ??????????
- ????? Broadcom 4712 (BCM4712) ?????? w10_corerev >= 5 ????

?? (???? NEWD) ?????????? VINT (vintage build) ???????

?????? V24 ????????

???"DD-WRT"?

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??? SVN ???????????? Brainslayer ?????????????????? Eko
 ??????????????????

?? Atheros ??? (?? UBNT)

?? Atheros ??????????????????????The feature set in Atheros builds are generally limited by the amount of flash memory that a unit has. So basically, Atheros 4MB flash units have features somewhat similar to a Broadcom K2.6 mini version while 8MB Atheros flash units have features more similar to a Broadcom K2.6 BIG version, but the features will vary. Atheros builds are still pre-baked and specific to its unit, so features in one unit's version may slightly differ from another unit's version. For this devices you need to buy an activation at the dd-wrt Shop [2].

?? Broadcom ???

Broadcom based devices have several different versions available to choose from. Consult **Note 4** in the [Peacock Announcement](#) from the Broadcom forum for information about which versions can run on your hardware.

V24_pre_sp2 K24

This consolidated chart is a WIP. If you spot something wrong or needed to be added, pm me. [DarkShadow](#)
 Need verification of pound and tcpdump

K2.4 Build Features

V24_pre_sp2 K24 build features

Micro (1)	Micro Plus (2)(7)	Micro Plus ssh (2)(7)	Mini (1)	Mini Hotspot Kaid (2)	Mini USB (2)	USB		
Generic (1)	Mini USB FTP (2)	Nokaid (1)	Open VPN	JFFS Small (2)	STD (1)	STD NoKaid (2)	STD NoKaid	
No Hotspot	NoStor (2)	STD NoKaid USB (2)	VOIP (1)	VPN (1)(3)	Big (2)(4)	Mega (1)(4)	<u>Access Restrictions</u>	<u>Asterisk</u>
					<u>AnchorFree</u>			
		Bandwidth Monitoring				<u>Chillispot</u>		
	Connection Warning Notifier					<u>Dynamic DNS</u>		
	EoIP Support					<u>ext2</u> Support		
<u>ext3</u> Support			Hotspot System					HTTP Redirect
			HTTPS Support for Web Mngt					<u>IPv6</u> (5)
	<u>JFFS2</u> (6)				<u>kaid</u>			
<u>MMC/SD</u> Support			<u>NoCat</u>				<u>NTFS</u> Support	
	<u>OpenVPN</u>		<u>Pound</u>				<u>PPTP Client/PPTP Server</u>	
		<u>ProFTPd</u>				Micro (1)	Micro Plus (2)(7)	Micro Plus
ssh (2)(7)	Mini (1)	Mini Hotspot Kaid (2)	Mini USB (2)	USB Generic (1)	Mini USB FTP (2)	Nokaid (1)		
Open VPN	JFFS Small (2)	STD (1)	STD NoKaid (2)	STD NoKaid	No Hotspot	NoStor (2)	STD NoKaid	USB
(2)	VOIP (1)	VPN (1)(3)	Big (2)(4)	Mega (1)(4)	<u>QoS</u>			<u>radvd</u>

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- Samba/CIFS client
- Repeater
- Security Log
- RFlow
- SFTP
- SIPatH/Milkfish
- SMTP Redirect
- SNMP
- SPI Firewall/Iptables
- Sputnik
- SSH
- Syslogd
- tcpdump
- Telnet
- Tx power adjust
- UPnP
- USB
- VPNC
- Wake On LAN
- Wifidog
- WPA/WPA2 Per/Ent
- Wiviz

?

- (1) Official dd-wrt builds by Brainslayer
- (2) Eko specialized **Broadcom Only** Builds
- (3) Smaller VPN JFFS builds are available for 4MB units: [downloads/others/eko](#)
- (4) Only on DD-WRT v24 (8MB+ flash required)
- (5) Apparently, IPv6-related features **DO NOT** work by default in DD-WRT v24. See [IPv6 on v24](#).
- (6) Not available on VPN-builds for v24sp1 (see [prerequisites for JFFS](#)).
- (7) CFE Compressor needed to run. See (<http://www.dd-wrt.com/phpBB2/viewtopic.php?t=38844>).

v24 ??????????

???	??
dd-wrt.v24_<type>_asus.trx	Web interface version for flashing. See Flash Your Asus WL-500G Deluxe
dd-wrt.v24_<type>_generic.bin	Generic version for flashing via web interface on all supported devices (including Linksys WRT54G/GL/GS) and for flashing Siemens SE505 with boot tftp on 192.168.2.1
dd-wrt.v24_<type>_wrt54g.bin	tftp versions for WRT54G. You CAN use this to flash via web interface but do so only AFTER you have done so using the mini version. These versions were just made specifically for TFTPping to those routers. (v5/v6 note: Since the WRT54G/GS v5-v6 uses a modified WAP54Gv3 once made 'linux ready', it will not accept these standard WRT54G/GS firmwares. You must use the 'generic' build for TFTPping to these units).
dd-wrt.v24_<type>_wrt54gs.bin	tftp versions for WRT54GS. You CAN use this to flash via web interface but do so only AFTER you have done so using the mini version. These versions were just made specifically for TFTPping to those routers.
dd-wrt.v24_<type>_wrt54gsv4.bin	tftp versions for WRTGSv4. You CAN use this to flash via web interface but do so only AFTER you have done so using the mini version. These versions were just made specifically for TFTPping to those routers.

???_"DD-WRT"?

dd-wrt.v24_<type>_wrtsl54gs.bin	tftp versions for WRTSL54GS. You CAN use this to flash via web interface but do so only AFTER you have done so using the mini version. These versions were just made specifically for TFTPing to those routers.
dd-wrt.v24_<type>_moto.trx	For initial <u>Flash Your Motorola WR850G (Micro and Mini builds ONLY)</u>

where <type> is a placeholder for mini, std, voip, etc. For upgrading from the original Linksys firmware, please use the **mini** version first and flash it from the **web interface**. After this first flash you can then upgrade to any distribution of your choice.

Note eko's builds are for Broadcom only (both K24 and K26).

V24_pre_sp2 K26

WARNING: Do not use the K2.6 builds unless you are certain your device can support it! It will brick it! Forum thread about K26 build supported broadcom based router List

K2.6 ????

K2.6 Build Features

Mini Mini Hotspot Mini USB Mini USB NAS OpenVPN OpenVPN Small STD NoKaid Small STD USB
NAS VOIP VOIP Small Big Mega (Giga) Access Restrictions AnchorFree
''' Asterisk Bandwidth Monitoring Chillispot
Connection Warning Notifier Dynamic DNS
EoIP Support ext2 Support ext3 Support
Hotspot System HTTP Redirect HTTPS Support for Web
Management IPv6 JFFS2 kaid
MMC/SD Support NoCat NTFS Support
OpenVPN Pound PPTP Client / PPTP Server
ProFTPD Mini Mini Hotspot Mini USB Mini USB NAS OpenVPN OpenVPN Small
STD NoKaid Small STD USB NAS VOIP VOIP Small Big Mega (Giga) QoS
radvd Repeater RFlow Samba/CIFS
client Security Log SFTP
SIPatH/Milkfish SMTP Redirect SNMP
SPI Firewall/Iptables Sputnik SSH
Syslogd tcpdump Telnet Tx power
adjust UPnP USB VPNC
Wake On LAN Wifidog WPA/WPA2 Per/Ent
Wiviz

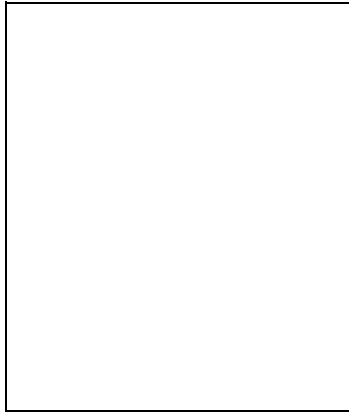
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K26 ?????? MMC/SD?

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???"DD-WRT"?

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Screenshot of a QoS version

Currently brainslayer offers a special version of DD-WRT with extended QoS capabilities:

- set maximum bandwidth available per netmask/MAC address (v.24-SP1: even for different vlans)
- set a default rule for any unconfigured netmask/MAC address

This version is always based on the current sources and atm only available for kernel 2.4 based units. The version is available from the DD-WRT [Shop](#).

Updates for this special firmware version are provided in the special [Customer Downloads & Updates](#) forum.

Firmware releases customized to your corporate design are also available.

?? Intel IXP ???

?? Ralink ???

?? Ralink ????????????????????

?? x86 ???