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**WAN Setup**

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**WAN Connection Type**

Connection Type: Automatic Configuration - DHCP

**Automatic Configuration - DHCP:**  
This setting is most commonly used by cable operators.

**Optional Settings**

Router Name:

Hostname:

Domain Name:

MTU: Auto

STP:  Enable  Disable

**Hostname:**  
Enter the hostname provided by your ISP.

**Domain Name:**  
Enter the domain name provided by your ISP.

**Local IP Address:**  
This is the LAN-side IP address of the router.

**Network Setup**

**Subnet Mask:**  
This is the subnet mask of the router.

**Router IP**

Local IP Address:  .  .  .

Subnet Mask:  .  .  .

Gateway:  .  .  .

Local DNS:  .  .  .

**DHCP Server:**  
Allows the router to manage your IP addresses.

**Start IP Address:**  
The address you would like to start with.

**Network Address Server Settings (DHCP)**

DHCP Type: DHCP Server

DHCP Server:  Enable  Disable

Start IP Address: 192.168.0.

Maximum DHCP Users:

Client Lease Time:  min

Static DNS 1:  .  .  .

Static DNS 2:  .  .  .

Static DNS 3:  .  .  .

WINS:  .  .  .

Use DNSMasq for DHCP:

Use DNSMasq for DNS:

DHCP-Authoritative:

**Maximum DHCP Users:**  
You may limit the number of addresses your router hands out. 0 means only predefined static leases will be handed out.

**Time Settings:**  
Choose the time you are in an summer time (DST) period. The router can use local time or UTC time.

Forced DNS Redirection

**Time Settings**

NTP Client  Enable  Disable

Time Zone

Server IP/Name

Save

Apply Settings

Cancel Changes

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**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

LAN Domain

Additional DHCPd Options

Static Leases

MAC Address	Hostname	IP Address	Client Lease Time
xx:xx:xx:xx:8C:96	mrjcd-phone	192.168.7.222	720 min

**DNSMasq**

DNSMasq  Enable  Disable

Local DNS  Enable  Disable

No DNS Rebind  Enable  Disable

Query DNS in Strict Order  Enable  Disable

Add Requestor MAC to DNS Query  Enable  Disable

Additional DNSMasq Options

**SES / AOSS / EZ-SETUP / WPS Button**

Turning off radio  Enable  Disable

**System Log**

Syslogd  Enable  Disable

**Telnet**

Telnet  Enable  Disable

**WAN Traffic Counter**

ttraff Daemon  Enable  Disable

Save

Apply Settings

Cancel Changes

Reboot Router

Firmware: DD-WRT v24-sp2 (01/20/15) micro  
 Time: 19:57:20 up 18 min, load average: 0.08, 0.08, 0.05  
 WAN IP: 192.168.15.14

<b>Setup</b>	<b>Wireless</b>	<b>Services</b>	<b>Security</b>	<b>Access Restrictions</b>	<b>NAT / QoS</b>	<b>Administration</b>	<b>Status</b>
<b>Router</b>	<b>WAN</b>	<b>LAN</b>	<b>Wireless</b>	<b>Bandwidth</b>	<b>Sys-Info</b>		

**Local Network****Help**[more...](#)**LAN Status**

MAC Address	<u>00:1A:70:7E:48:81</u>
IP Address	192.168.0.1
Subnet Mask	255.255.248.0
Gateway	192.168.0.1
Local DNS	0.0.0.0

**MAC Address:**

This is the router's MAC address, as seen on your local Ethernet network.

**IP Address:**

This shows the router's IP address as it appears on your local Ethernet network.

**Subnet Mask:**

When the router is using a subnet mask, it is shown here.

**DHCP Server:**

If you are using the router as a DHCP server, that will be displayed here.

**OUI Search:**

By clicking on any MAC address, you will obtain the organizationally unique identifier of the network interface (IEEE Standards OUI database search).

**Active Clients**

Hostname	IP Address	MAC Address	Conn. Count	Ratio [1024]
mrjcd-phone	192.168.7.222	<u>xx:xx:xx:xx:8C:96</u>	4	0%
da-Box	192.168.0.254	<u>xx:xx:xx:xx:77:8C</u>	68	7%

**Dynamic Host Configuration Protocol****DHCP Status**

DHCP Server	Enabled
DHCP Daemon	DNSMasq
Start IP Address	192.168.0.254
End IP Address	192.168.0.993
Client Lease Time	1440 min

**DHCP Clients**

Hostname	IP Address	MAC Address	Client Lease Time	Delete
mrjcd-phone	192.168.7.222	<u>xx:xx:xx:xx:8C:96</u>	0 days 12:00:00	
da-Box	192.168.0.254	<u>xx:xx:xx:xx:77:8C</u>	1 day 00:00:00	

Auto-Refresh is On

Firmware: DD-WRT v24-sp2 (01/20/15) micro  
 Time: 19:55:13 up 16 min, load average: 0.14, 0.07, 0.04  
 WAN IP: 192.168.15.14

<b>Setup</b>	<b>Wireless</b>	<b>Services</b>	<b>Security</b>	<b>Access Restrictions</b>	<b>NAT / QoS</b>	<b>Administration</b>	<b>Status</b>
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### System Information

#### Router

Router Name	DD-WRT
Router Model	Linksys WRT54Gv8 / GSV7
LAN MAC	<u>00:1A:70:7E:48:81</u>
WAN MAC	<u>00:1A:70:7E:48:82</u>
Wireless MAC	<u>00:1A:70:7E:48:83</u>
WAN IPv4	192.168.15.14
LAN IP	192.168.0.1

#### Services

DHCP Server	Enabled
WRT-radauth	Disabled

#### Memory

Total Available	13.5 MB / 16.0 MB
Free	5.5 MB / 13.5 MB
Used	8.0 MB / 13.5 MB
Buffers	0.8 MB / 8.0 MB
Cached	3.1 MB / 8.0 MB
Active	3.2 MB / 8.0 MB
Inactive	0.7 MB / 8.0 MB

#### Space Usage

NVRAM	20.31 KB / 32 KB
-------	------------------

#### Wireless

Radio	Radio is On
Mode	AP
Network	G-Only
SSID	test
Channel	11
TX Power	8 mW
Rate	54 Mbps

#### Wireless Packet Info

Received (RX)	832 OK, no error
Transmitted (TX)	837 OK, 28 errors

### Wireless

#### Clients

MAC Address	Interface	Uptime	TX Rate	RX Rate	Signal	Noise	SNR	Signal Quality
xx:xx:xx:xx:8C:96	eth1	0:07:02	1M	1M	-35	-92	57	73%

### DHCP

#### DHCP Clients

Hostname	IP Address	MAC Address	Client Lease Time
mrjcd-phone	192.168.7.222	xx:xx:xx:xx:8C:96	0 days 12:00:00
da-Box	192.168.0.254	xx:xx:xx:xx:77:8C	1 day 00:00:00

Auto-Refresh is On

[DD-WRT](#)



Firmware: DD-WRT v24-sp2 (01/20/15) micro  
 Time: 19:57:53 up 19 min, load average: 0.31, 0.13, 0.07  
 WAN IP: 192.168.15.14

<b>Setup</b>	<b>Wireless</b>	<b>Services</b>	<b>Security</b>	<b>Access Restrictions</b>	<b>NAT / QoS</b>	<b>Administration</b>	<b>Status</b>
<b>Router</b>	<b>WAN</b>	<b>LAN</b>	<b>Wireless</b>	<b>Bandwidth</b>	<b>Sys-Info</b>		

**WAN****Help**[more...](#)**Configuration Type**

Connection Type	Automatic Configuration - DHCP
Connection Uptime	0:18:45
IP Address	192.168.15.14
Subnet Mask	255.255.255.192
Gateway	192.168.15.26
DNS 1	192.168.15.26
DNS 2	
DNS 3	
Remaining Lease Time	0 days 23:41:09

**Configuration Type:**

This shows the information required by your ISP for connection to the Internet. This information was entered on the Setup Tab. You can *Connect* or *Disconnect* your connection here by clicking on that button.

**Total Traffic:**

This shows your router's Internet traffic since last reboot.

**Traffic by Month:**

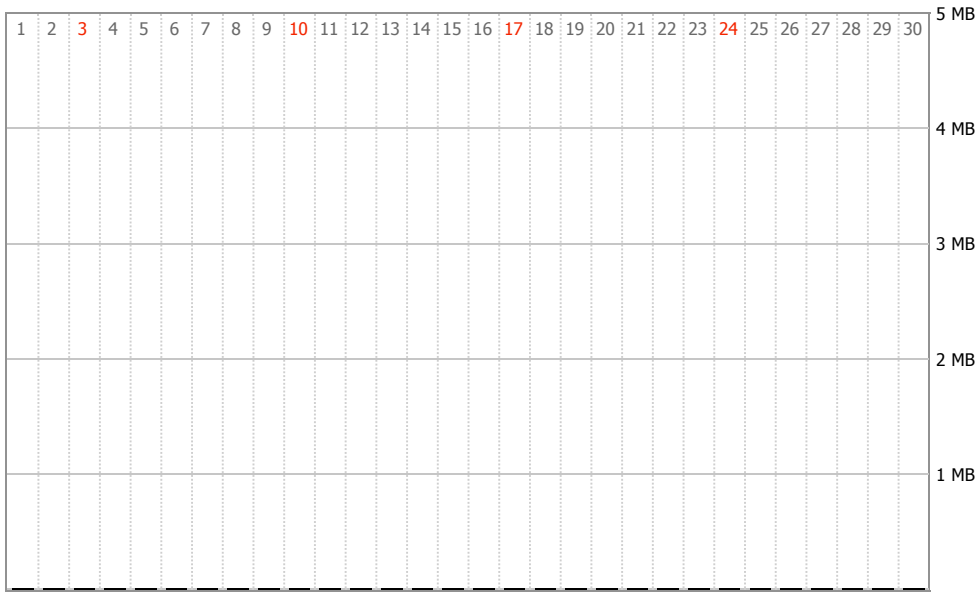
This shows your router's Internet traffic by month. Drag the mouse over graph to see daily data. Data is stored in nvram.

**Traffic****Total Traffic**

Incoming (MBytes)	1
Outgoing (MBytes)	0

**Traffic by Month**





**April 2016 (Incoming: 0 MB / Outgoing: 0 MB)**

**Data Administration**

<b>Setup</b>	<b>Wireless</b>	<b>Services</b>	<b>Security</b>	<b>Access Restrictions</b>	<b>NAT / QoS</b>	<b>Administration</b>	<b>Status</b>
Basic Settings	Radius	Wireless Security	MAC Filter	Advanced Settings	WDS		

**Wireless Physical Interface w10 [2.4 GHz]**

[Help](#) [more...](#)

**Physical Interface w10 - SSID [test] HWAddr [00:1A:70:7E:48:83]**

Wireless Mode

Wireless Network Mode

Wireless Network Name (SSID)

Wireless Channel

Wireless SSID Broadcast  Enable  Disable

Sensitivity Range (ACK Timing)  (Default: 2000 meters)

Network Configuration  Unbridged  Bridged

**Wireless Network Mode:**  
If you wish to exclude Wireless-G clients, choose *B-Only* mode. If you would like to disable wireless access, choose *Disable*.  
**Note :** when changing wireless mode, some advanced parameters are susceptible to be modified ("Afterburner", "Basic Rate" or "Frame Burst").

---

**Sensitivity Range:**  
Adjusts the ACK timing. 0 disables ack timing completely for Broadcom firmwares. On Atheros based firmware, 0 enables auto ACK timing mode.

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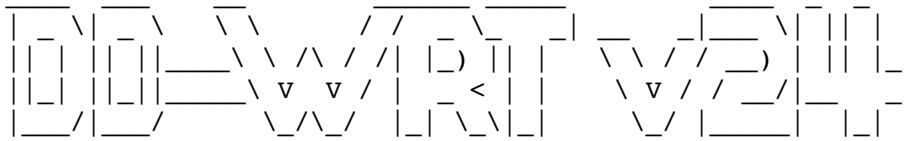
**Virtual Interfaces**

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```
Last login: Fri Apr 29 18:12:31 on ttypl
Welcome to Darwin!
da-box:~ mrjcd$ telnet 192.168.0.1
Trying 192.168.0.1...
Connected to dd-wrt.
Escape character is '^]'.
DD-WRT v24-sp2 micro (c) 2015 NewMedia-NET GmbH
Release: 01/20/15 (SVN revision: 25974)
```

```
DD-WRT login: root
Password:
```

=====



DD-WRT v24-sp2  
<http://www.dd-wrt.com>

=====

```
BusyBox v1.23.0 (2015-01-20 04:15:40 CET) built-in shell (ash)
```

```
# cat /tmp/dnsmasq.conf
interface=br0
resolv-file=/tmp/resolv.dnsmasq
all-servers
strict-order
domain=mrjcd
dhcp-leasefile=/tmp/dnsmasq.leases
dhcp-lease-max=741
dhcp-option=lan,3,192.168.0.1
dhcp-authoritative
dhcp-range=lan,192.168.0.254,192.168.3.225,255.255.248.0,1440m
dhcp-host=xx:xx:xx:xx:8C:96,mrjcd-phone,192.168.7.222,720m
stop-dns-rebind
# exit
Connection closed by foreign host.
da-box:~ mrjcd$
```