

UpTime:

00:29:29 up 4:42, load average: 1.22, 1.25, 1.30

Vendor: LINKSYS

ModelName: WRT1900AC

Firmware Version: 1.1.7.160582

Firmware Builddate: 2014-04-25 18:36

Product.type: production

Linux: Linux version 3.2.40 (root@build-vm) (gcc version 4.6.4 20120731 (prerelease) (Linaro GCC branch-4.6.4. Marvell GCC 201301-1645.aee66e26)) #1 SMP Fri Apr 25 11:02:23 PDT 2014

Board: mamba

-----U-Boot version-----

sw_version = v1.3.25

-----U-Boot Data-----

fw_printenv bootdelay: bootdelay=3

fw_printenv mtdparts: mtdparts=mtdparts=armada-nand:1024K(uboot)ro,256K(u_env),256K(s_env),1m@9m(devinfo),40m@10m(kernel),37m@13m(rootfs),40m@50m(alt_kernel),37m@53m(alt_rootfs),80m@10m(ubifs),-@90m(syscfg)

fw_printenv bootcmd: bootcmd=run nandboot

fw_printenv boot_part: boot_part=2

fw_printenv auto_recovery: auto_recovery=yes

fw_printenv mtdparts_version:

All fw_printenv:

CASset=min

MALLOC_len=5

MPmode=smp

alt_kern_addr=0x3200000

alt_kern_size=0x400000

altnandboot=run linksys_altnandboot

amp_enable=no

auto_recovery=yes

autoload=no

badcount=0

baudrate=115200

boot_order=hd_scr hd_img pxe net_img net_scr

boot_part=2

boot_part_ready=3

bootargs_dflt=\$console \$mtdparts \$bootargs_root nfsroot=\$serverip:\$rootpath ip=\$ipaddr:\$serverip\$bootargs_end \$mvNetConfig

video=dovefb:lcd0:\$lcd0_params clcd.lcd0_enable=\$lcd0_enable clcd.lcd_panel=\$lcd_panel

bootargs_end=:10.4.50.254:255.255.255.0:DSMP:eth0:none

bootargs_root=root=/dev/nfs rw

bootbadcount=0

bootcmd=run nandboot

bootcmd_auto=stage_boot \$boot_order

bootcmd_bak=stage_boot \$boot_order

bootcmd_lgcy=tftpboot 0x2000000 \$image_name; setenv bootargs \$bootargs_dflt; bootm 0x2000000;

bootdelay=3

buffbadcount=0

cacheShare=no

console=console=ttyS0,115200

default_load_addr=0x2000000

default_mtdparts=mtdparts=armada-

nand:1024K(uboot)ro,256K(u_env),256K(s_env),1m@9m(devinfo),40m@10m(kernel),37m@13m(rootfs),40m@50m(alt_kernel),37m@53m(alt_rootfs),80m@10m(ubifs),-@90m(syscfg)

device=1

device_partition=0:1

disL2Cache=yes

disL2Prefetch=yes

disaMvPnp=no

eeeEnable=no

enaAutoRecovery=yes

enaClockGating=no

enaCpuStream=no

enaDCPref=yes

enaFPU=yes

enaICPref=yes

enaLPAE=no

enaWrAllo=no

eth1addr=00:50:43:02:00:00

eth1mtu=1500

eth2addr=00:50:43:00:00:02

eth2mtu=1500

eth3addr=00:50:43:00:02:02

eth3mtu=1500

ethact=egiga0

ethaddr=B4:75:0E:5A:76:5E

ethmtu=1500

ethprime=egiga0

fdt_addr=2040000

fileaddr=2000000

filesize=0x1e00000

firmware_name=FW_WRT1900AC_1.1.7.160582_prod.img

flash_alt_image=tftp \$default_load_addr \$firmware_name; nand erase \$alt_kern_addr 0x4000000;nand write \$default_load_addr

\$alt_kern_addr \${filesize};

```

flash_pri_image=tftp $default_load_addr $firmware_name; nand erase $pri_kern_addr 0x4000000;nand write $default_load_addr
$pri_kern_addr ${filesize};
flash_ubi_image=mw.b 0x2000000 0x00 0x1e00000;tftp $default_load_addr blk-mamba.128mb.ubi.img; nand erase $pri_kern_addr
0x3600000; nand write $default_load_addr $pri_kern_addr 0x3600000
fs=ext2
fs_bootargs=console=ttyS0,115200 mtdparts=armada-
nand:1024K(uboot)ro,256K(u_env),256K(s_env),256K(devinfo),4M(Linux),31M(rootfs),4M(Linux2),31M(rootfs2),-(syscfg)
fs_bootargs_root=ubi.mtd=6 root=ubi0:rootfs rootfstype=ubifs rootflags=sync
fs_type=jffs2
ide_path=/
image_name=uImage
initrd_name=uInitrd
interface=ide
ipaddr=192.168.200.4
jffs2_mtdparts=mtdparts=armada-
nand:1024K(uboot)ro,256K(u_env),256K(s_env),1m@9m(devinfo),40m@10m(kernel),37m@13m(rootfs),40m@50m(alt_kernel),37m@53m(alt_rootf
s),80m@10m(ubifs),-@90m(syscfg)
kernel_addr_r=2080000
lcd0_enable=0
lcd0_params=640x480-16@60
lcd_panel=0
linksys_altnandboot=nand read $default_load_addr $alt_kern_addr $alt_kern_size; setenv bootargs $console $default_mtdparts
root=/dev/mtdblock7 ro rootfstype=$fs_type init=/sbin/init; bootm $default_load_addr;
linksys_nandboot=nand read $default_load_addr $pri_kern_addr $pri_kern_size; setenv bootargs $console $default_mtdparts
root=/dev/mtdblock5 ro rootfstype=$fs_type init=/sbin/init single; bootm $default_load_addr;
loadaddr=0x02000000
loads_echo=0
mfg_fs_bootargs=console=ttyS0,115200 mtdparts=armada-
nand:640k(uboot)ro,128k@640k(u_env),128k@768k(s_env),3m@1m(kernel),16m@4m(rootfs),1m@20m(syscfg),4m@21m(data),3m@25m(alt_kernel)
,16m@28m(alt_rootfs),20m@44m(downloads)
mtddevname=uboot
mtddevnum=0
mtdids=nand0=armada-nand
mtdparts=mtdparts=armada-
nand:1024K(uboot)ro,256K(u_env),256K(s_env),1m@9m(devinfo),40m@10m(kernel),37m@13m(rootfs),40m@50m(alt_kernel),37m@53m(alt_rootf
s),80m@10m(ubifs),-@90m(syscfg)
mvNetConfig=mv_net_config=4,(00:50:43:11:11:11,0:1:2:3),mtu=1500
mv_pon_addr=00:50:43:00:00:02
nandEcc=1bit
nandboot=run linksys_nandboot
netbsd_en=no
netmask=255.255.255.0
netretry=no
nfsboot=tftpboot $default_load_addr $image_name; setenv bootargs $fs_bootargs $bootargs_root nfsroot=$serverip:$rootpath
ip=$ipaddr:$serverip$bootargs_end $mvNetConfig; bootm $default_load_addr
openwrt_altnandboot=nand read $default_load_addr $alt_kern_addr $openwrt_fw_size; setenv bootargs $console $default_mtdparts
root=/dev/mtdblock7 ro rootfstype=$fs_type init=/sbin/init; bootm $default_load_addr;
openwrt_fw_size=0x4000000
openwrt_mtdparts=mtdparts=armada-
nand:1024K(uboot)ro,256K(u_env),256K(s_env),1m@9m(devinfo),40m@10m(kernel),37m@13m(rootfs),40m@50m(alt_kernel),37m@53m(alt_rootf
s),80m@10m(ubifs),-@90m(syscfg)
openwrt_nandboot=nand read $default_load_addr $pri_kern_addr $openwrt_fw_size; setenv bootargs $console $default_mtdparts
root=/dev/mtdblock5 ro rootfstype=$fs_type init=/sbin/init; bootm $default_load_addr;
partition=nand0,0
pcieTune=no
pexMode=rc
prefix=/boot/
pri_kern_addr=0xa00000
pri_kern_size=0x400000
pxe_files_load=default.arm-armadaxp-db:default.arm-armadaxp:default.arm
pxefile_addr_r=3100000
ramdisk_addr_r=2880000
rcvrip=169.254.100.100
rootpath=/home/work/AXP/fs/rootfs
sata_delay_reset=0
sata_dma_mode=yes
script_addr_r=3000000
script_name=boot.scr
senvbadcount=0
serverip=192.168.1.254
single=single
standalone=fsload 0x2000000 $image_name;setenv bootargs $console $mtdparts root=/dev/mtdblock0 rw
ip=$ipaddr:$serverip$bootargs_end; bootm 0x2000000;
stderr=serial
stdin=serial
stdout=serial
ubiboot=nand read $default_load_addr $pri_kern_addr $pri_kern_size; setenv bootargs $console $jffs2_mtdparts root=ubi0:rootfs rw
ubi.mtd=8 rootfstype=ubifs init=/sbin/init; bootm $default_load_addr;
uenvbadcount=0
update_both_images=run flash_pri_image;run flash_alt_image
usb0Mode=host
usb1Mode=host
usb2Mode=device
usbActive=0
vxworks_en=no
yuk_ethaddr=00:00:00:EE:51:81

-----Boot Data-----
cat /proc/cmdline: console=ttyS0,115200 mtdparts=armada-
nand:1024K(uboot)ro,256K(u_env),256K(s_env),1m@9m(devinfo),40m@10m(kernel),37m@13m(rootfs),40m@50m(alt_kernel),37m@53m(alt_rootf
s),80m@10m(ubifs),-@90m(syscfg) root=/dev/mtdblock7 ro rootfstype=jffs2 init=/sbin/init

cat /proc/mtd: dev:      size  erasesize  name
mtd0: 00100000 00020000 "uboot"
mtd1: 00040000 00020000 "u_env"
mtd2: 00040000 00020000 "s_env"
mtd3: 00100000 00020000 "devinfo"

```

```
mtd4: 02800000 00020000 "kernel"
mtd5: 02500000 00020000 "rootfs"
mtd6: 02800000 00020000 "alt_kernel"
mtd7: 02500000 00020000 "alt_rootfs"
mtd8: 05000000 00020000 "ubifs"
mtd9: 02600000 00020000 "syscfg"
```

---EPROM Manufacturer Data----

```
mfg_data_version = 1
modelName = WRT1900AC
hw_version = 48SAM103.0GA
hw_mac_addr = B4:75:0E:5A:76:5E
manufacturer_date = 2014/03/17
serial_number = 13J10603405693
uuid_key = FE5828E6-2109-74C9-D77F-0AC0149BEB57
wps_device_pin = 48213134
```

---syscfg get device::xxxx ---Manufacturer Data----

```
device::uuid=FE5828E6-2109-74C9-D77F-0AC0149BEB57
device::manufacturerURL=http://www.linksys.com
device::serial_number=13J10603405693
device::model_base=WRT1900AC
device::mac_addr=B4:75:0E:5A:76:5E
device::cert_region=US
device::modelName=WRT1900AC
device::modelDescription=Simultaneous Dual-Band Wireless-AC Gigabit Router
device::bdfixit=done
device::manufacturer=Linksys, LLC
device::default_ssid=Linksys05693
device::default_passphrase=74hx4cuvdd
device::wps_pin=48213134
device::hw_revision=1
device::deviceType=urn:home-linksys-com:device:Router:1
```

syscfg get ui remote_disabled:

1

syscfg get ui remote_stunnel (use SSL):

1

syscfg get ui remote_host (remote ui host):

cloud.linksyssmartwifi.com

syscfg get ui remote_port (remote ui port):

443

syscfg get ui remote_stunnel_verify (verify remote ui stunnel):

1

syscfg get cloud stunnel (use cloud SSL):

1

syscfg get cloud host (cloud host):

cloud.linksyssmartwifi.com

syscfg get cloud port (cloud port):

443

syscfg get cloud stunnel_verify (verify cloud stunnel):

1

syscfg get mgmt_http_enable (can manage using http):

1

syscfg get mgmt_https_enable (can manage using https):

0

syscfg get mgmt_wifi_access (can manage wirelessly):

1

syscfg get xmpo_enabled (can manage remotely)(true if not value not set):

1

sysevent get xrac-status (xrac service state):

stopped

syscfg get owned_network_id:

1

sysevent get phylink_wan_state (wanStatus):

up

syscfg get wan_auto_detect_enable (isDetectingWANType):

0

syscfg get wan_proto (detectedWANType):

static

syscfg get bridge_mode (detectedWANType):

0

sysevent get wan-status:

started

sysevent get ipv4_wan_ipaddr:

192.168.200.4

sysevent get current_ipv6_wan_state:

```
/var/log/ipv6.log:
```

```
dmesg | tail -200:
```

[illegible]

[illegible]

ps:

— — — — —

```

900 root      2764 S    /sbin/syslogd -l 6
902 root      95540 S   /sbin/syseventd
926 root      1872 S    syseventd_fork_helper 8
928 root       0 SW<   [wdtutil]
2560 root     1752 S    /usr/sbin/bdutil
2564 root       0 SW   [button_thread]
2705 root     13020 S   /usr/sbin/linkmgr
2942 root     8072 S    /usr/bin/redirector
3002 root     19736 S <   /usr/bin/guardian
3660 root     3836 S    stunnel /tmp/stunnel.conf
3802 root     27120 S   /usr/sbin/IGD
3863 root     6516 S    deidentd -r /tmp/devregex.json -p /var/run/deidentd
3901 nobody   2056 S    /sbin/dnsmasq -u nobody --dhcp-authoritative --disabl
3902 root     2056 S    /sbin/dnsmasq -u nobody --dhcp-authoritative --disabl
4011 root     5512 S    lighttpd -f /etc/lighttpd.conf
4088 root     1896 S    lld2d br0
4439 root     2180 S    mdnsd
4891 root     2300 S    /usr/sbin/generic_link_status_monitor
5435 root     1904 S    /sbin/dns-sd -R myrouter _http._tcp local 80
5560 root     2632 S    sleep 20
5573 root     2768 S    /bin/sh /www/sysinfo.cgi
5655 root     2768 R    ps
6892 root       0 SW   [kworker/1:2]
7017 root     2008 S    hostapd-mon -v -0 /tmp/hostapd-wdev0ap0.conf
7020 root     3372 S    hostapd /tmp/hostapd-wdev0ap0.conf
7207 root     2280 S <   /usr/bin/nfqrecv
7266 root     19796 S   /sbin/wl_link_status_monitor
7699 root     1968 S    /usr/sbin/radvd -C /etc/radvd.conf
7930 root     2768 S    /bin/sh /etc/init.d/service_wan_ipv6/slaac_monitor.sh
8132 root     1812 S    igmpproxy /tmp/igmpproxy.conf
8234 quagga    3820 S    /usr/sbin/zebra -d -f /etc/zebra.conf
8740 root     2764 S    crond -l 9
9736 root     5576 S    /sbin/nmbd -D
9852 root     7120 S    /sbin/smbd
9853 root     7120 S    /sbin/smbd
11961 root    3892 S    /sbin/dhclient -6 -P -N -pf /var/run/dhcp6c.pid -cf /
disk usage:

```

Filesystem	1K-blocks	Used	Available	Use%	Mounted on
/dev/root	37888	21768	16120	57%	/
devtmpfs	100	4	96	4%	/dev
mdev	100	4	96	4%	/dev
none	51200	1072	50128	2%	/tmp
ubi0_0	31536	280	29612	1%	/tmp/var/config

Memory Use:
free

	total	used	free	shared	buffers
Mem:	250984	63420	187564	0	0
Swap:	0	0	0		
Total:	250984	63420	187564		

```

cat /proc/modules
ap8x 4214397 1 - Live 0xbf016000 (P)
mod_wdtutil 4812 0 - Live 0xbf011000 (O)
nf_nat_ftp 1112 0 - Live 0xbf00d000
nf_conntrack_ftp 4453 1 nf_nat_ftp, Live 0xbf008000
mod_bdutil 14524 2 - Live 0xbf000000 (O)

```

```

cat /proc/locks
1: POSIX ADVISORY READ 9736 00:10:10789 4 4
2: POSIX ADVISORY READ 9852 00:10:14552 4 4
3: POSIX ADVISORY READ 9852 00:10:14551 4 4
4: POSIX ADVISORY READ 9852 00:10:14550 4 4
5: POSIX ADVISORY READ 9852 00:10:14549 4 4
6: POSIX ADVISORY READ 9852 00:10:7583 4 4
7: POSIX ADVISORY WRITE 9852 00:10:14548 0 0
8: POSIX ADVISORY READ 9736 00:10:7583 4 4
9: POSIX ADVISORY WRITE 9736 00:10:14456 0 0
10: POSIX ADVISORY WRITE 8234 00:10:12329 0 EOF
11: FLOCK ADVISORY WRITE 3835 00:10:4712 0 EOF

```

```

cat /proc/slabinfo
slabinfo - version: 2.1
# name          <active_objs> <num_objs> <objsize> <objperslab> <pagesperslab> : tunables <limit> <batchcount> <sharedfactor>
: slabdata <active_slabs> <num_slabs> <sharedavail>
ubi_wl_entry_slab 296 435 24 145 1 : tunables 120 60 8 : slabdata 3 3 0
ubifs_inode_slab 25 36 424 9 1 : tunables 54 27 8 : slabdata 4 4 0
bridge_fdb_cache 4 59 64 59 1 : tunables 120 60 8 : slabdata 1 1 0
fib6_nodes 10 113 32 113 1 : tunables 120 60 8 : slabdata 1 1 0
ip6_dst_cache 22 51 224 17 1 : tunables 120 60 8 : slabdata 3 3 0
ndisc_cache 2 12 320 12 1 : tunables 54 27 8 : slabdata 1 1 0
ip6_mrt_cache 0 0 128 30 1 : tunables 120 60 8 : slabdata 0 0 0
RAWv6 7 10 736 5 1 : tunables 54 27 8 : slabdata 2 2 0
UDPLITEv6 0 0 736 5 1 : tunables 54 27 8 : slabdata 0 0 0
UDIPv6 5 10 736 5 1 : tunables 54 27 8 : slabdata 2 2 0
tw_sock_TCPv6 0 0 160 24 1 : tunables 120 60 8 : slabdata 0 0 0
request_sock_TCPv6 0 0 128 30 1 : tunables 120 60 8 : slabdata 0 0 0
TCPv6 7 10 1408 5 2 : tunables 24 12 8 : slabdata 2 2 0
nf_conntrack_expect 0 0 176 22 1 : tunables 120 60 8 : slabdata 0 0 0
nf_conntrack_c0766c00 101 240 240 16 1 : tunables 120 60 8 : slabdata 15 15 0
flow_cache 0 0 88 44 1 : tunables 120 60 8 : slabdata 0 0 0
scsi_sense_cache 2 40 96 40 1 : tunables 120 60 8 : slabdata 1 1 0
scsi_cmd_cache 2 24 160 24 1 : tunables 120 60 8 : slabdata 1 1 0
sd_ext_cdb 2 113 32 113 1 : tunables 120 60 8 : slabdata 1 1 0
cfq_io_context 0 0 64 59 1 : tunables 120 60 8 : slabdata 0 0 0
cfq_queue 0 0 152 26 1 : tunables 120 60 8 : slabdata 0 0 0
mqueue_inode_cache 2 8 512 8 1 : tunables 54 27 8 : slabdata 1 1 0

```

xfs_buf	0	0	192	20	1 : tunables	120	60	8 : slabdata	0	0	0	
fstrm_item	0	0	16	203	1 : tunables	120	60	8 : slabdata	0	0	0	
xfs_mru_cache_elem	0	0	16	203	1 : tunables	120	60	8 : slabdata	0	0	0	
xfs_ili	0	0	168	23	1 : tunables	120	60	8 : slabdata	0	0	0	
xfs_inode	0	0	640	6	1 : tunables	54	27	8 : slabdata	0	0	0	
xfs_efi_item	0	0	352	11	1 : tunables	54	27	8 : slabdata	0	0	0	
xfs_efd_item	0	0	352	11	1 : tunables	54	27	8 : slabdata	0	0	0	
xfs_buf_item	0	0	176	22	1 : tunables	120	60	8 : slabdata	0	0	0	
xfs_log_item_desc	0	0	16	203	1 : tunables	120	60	8 : slabdata	0	0	0	
xfs_trans	0	0	232	17	1 : tunables	120	60	8 : slabdata	0	0	0	
xfs_ifork	0	0	56	67	1 : tunables	120	60	8 : slabdata	0	0	0	
xfs_dabuf	0	0	16	203	1 : tunables	120	60	8 : slabdata	0	0	0	
xfs_da_state	0	0	392	10	1 : tunables	54	27	8 : slabdata	0	0	0	
xfs_btree_cur	0	0	152	26	1 : tunables	120	60	8 : slabdata	0	0	0	
xfs_bmap_free_item	0	0	16	203	1 : tunables	120	60	8 : slabdata	0	0	0	
xfs_log_ticket	0	0	184	21	1 : tunables	120	60	8 : slabdata	0	0	0	
xfs_ioend	32	53	72	53	1 : tunables	120	60	8 : slabdata	1	1	0	
jffs2_inode_cache	3492	3625	24	145	1 : tunables	120	60	8 : slabdata	25	25	0	
jffs2_node_frag	4458	4495	24	145	1 : tunables	120	60	8 : slabdata	31	31	0	
jffs2_refblock	613	624	248	16	1 : tunables	120	60	8 : slabdata	39	39	0	
jffs2_tmp_dnode	32	113	32	113	1 : tunables	120	60	8 : slabdata	1	1	0	
jffs2_raw_inode	16	40	96	40	1 : tunables	120	60	8 : slabdata	1	1	0	
jffs2_raw_dirent	0	0	64	59	1 : tunables	120	60	8 : slabdata	0	0	0	
jffs2_full_dnode	4640	4669	16	203	1 : tunables	120	60	8 : slabdata	23	23	0	
jffs2_i	610	610	376	10	1 : tunables	54	27	8 : slabdata	61	61	0	
cifs_small_rq	30	36	448	9	1 : tunables	54	27	8 : slabdata	4	4	0	
cifs_request	4	4	16480	1	8 : tunables	8	4	0 : slabdata	4	4	0	
cifs_mpx_ids	3	59	64	59	1 : tunables	120	60	8 : slabdata	1	1	0	
cifs_inode_cache	0	0	408	9	1 : tunables	54	27	8 : slabdata	0	0	0	
nfs_direct_cache	0	0	80	48	1 : tunables	120	60	8 : slabdata	0	0	0	
nfs_write_data	36	40	480	8	1 : tunables	54	27	8 : slabdata	5	5	0	
nfs_read_data	0	0	480	8	1 : tunables	54	27	8 : slabdata	0	0	0	
nfs_inode_cache	0	0	624	6	1 : tunables	54	27	8 : slabdata	0	0	0	
nfs_page	0	0	64	59	1 : tunables	120	60	8 : slabdata	0	0	0	
isofs_inode_cache	0	0	360	11	1 : tunables	54	27	8 : slabdata	0	0	0	
fat_inode_cache	0	0	408	9	1 : tunables	54	27	8 : slabdata	0	0	0	
fat_cache	0	0	24	145	1 : tunables	120	60	8 : slabdata	0	0	0	
squashfs_inode_cache	0	0	384	10	1 : tunables	54	27	8 : slabdata	0	0	0	
jbd2_inode	0	0	24	145	1 : tunables	120	60	8 : slabdata	0	0	0	
jbd2_journal_handle	0	0	24	145	1 : tunables	120	60	8 : slabdata	0	0	0	
jbd2_journal_head	0	0	64	59	1 : tunables	120	60	8 : slabdata	0	0	0	
jbd2_revoke_table	0	0	16	203	1 : tunables	120	60	8 : slabdata	0	0	0	
jbd2_revoke_record	0	0	32	113	1 : tunables	120	60	8 : slabdata	0	0	0	
journal_handle	0	0	24	145	1 : tunables	120	60	8 : slabdata	0	0	0	
journal_head	0	0	64	59	1 : tunables	120	60	8 : slabdata	0	0	0	
revoke_table	0	0	16	203	1 : tunables	120	60	8 : slabdata	0	0	0	
revoke_record	0	0	16	203	1 : tunables	120	60	8 : slabdata	0	0	0	
ext4_inode_cache	0	0	560	7	1 : tunables	54	27	8 : slabdata	0	0	0	
ext4_free_data	0	0	40	92	1 : tunables	120	60	8 : slabdata	0	0	0	
ext4_allocation_context	0	0	0	112	35	1 : tunables	120	60	8 : slabdata	0	0	0
ext4_prealloc_space	0	0	72	53	1 : tunables	120	60	8 : slabdata	0	0	0	
ext4_system_zone	0	0	32	113	1 : tunables	120	60	8 : slabdata	0	0	0	
ext4_io_end	0	0	576	7	1 : tunables	54	27	8 : slabdata	0	0	0	
ext4_io_page	0	0	8	339	1 : tunables	120	60	8 : slabdata	0	0	0	
ext2_inode_cache	0	0	456	8	1 : tunables	54	27	8 : slabdata	0	0	0	
ext3_inode_cache	0	0	472	8	1 : tunables	54	27	8 : slabdata	0	0	0	
kioctx	0	0	224	17	1 : tunables	120	60	8 : slabdata	0	0	0	
kiocb	0	0	128	30	1 : tunables	120	60	8 : slabdata	0	0	0	
inotify_event_private_data	0	0	16	203	1 : tunables	120	60	8 : slabdata	0	0	0	
inotify_inode_mark	2	48	80	48	1 : tunables	120	60	8 : slabdata	1	1	0	
dnotify_mark	0	0	80	48	1 : tunables	120	60	8 : slabdata	0	0	0	
dnotify_struct	0	0	24	145	1 : tunables	120	60	8 : slabdata	0	0	0	
dio	0	0	352	11	1 : tunables	54	27	8 : slabdata	0	0	0	
fasync_cache	0	0	32	113	1 : tunables	120	60	8 : slabdata	0	0	0	
posix_timers_cache	1	30	128	30	1 : tunables	120	60	8 : slabdata	1	1	0	
uid_cache	1	59	64	59	1 : tunables	120	60	8 : slabdata	1	1	0	
cryptodesc	0	0	64	59	1 : tunables	120	60	8 : slabdata	0	0	0	
cryptop	0	0	64	59	1 : tunables	120	60	8 : slabdata	0	0	0	
rpc_buffers	8	8	2048	2	1 : tunables	24	12	8 : slabdata	4	4	0	
rpc_tasks	8	30	128	30	1 : tunables	120	60	8 : slabdata	1	1	0	
rpc_inode_cache	0	0	480	8	1 : tunables	54	27	8 : slabdata	0	0	0	
UNIX	88	88	512	8	1 : tunables	54	27	8 : slabdata	11	11	0	
ip_mrt_cache	13	40	96	40	1 : tunables	120	60	8 : slabdata	1	1	0	
UDP-Lite	0	0	576	7	1 : tunables	54	27	8 : slabdata	0	0	0	
tcp_bind_bucket	14	113	32	113	1 : tunables	120	60	8 : slabdata	1	1	0	
inet_peer_cache	18	24	160	24	1 : tunables	120	60	8 : slabdata	1	1	0	
secpath_cache	0	0	32	113	1 : tunables	120	60	8 : slabdata	0	0	0	
xfrm_dst_cache	0	0	288	13	1 : tunables	54	27	8 : slabdata	0	0	0	
ip_fib_trie	14	113	32	113	1 : tunables	120	60	8 : slabdata	1	1	0	
ip_fib_alias	15	145	24	145	1 : tunables	120	60	8 : slabdata	1	1	0	
ip_dst_cache	133	216	160	24	1 : tunables	120	60	8 : slabdata	9	9	0	
arp_cache	13	39	288	13	1 : tunables	54	27	8 : slabdata	3	3	0	
PING	0	0	576	7	1 : tunables	54	27	8 : slabdata	0	0	0	
RAW	5	14	576	7	1 : tunables	54	27	8 : slabdata	2	2	0	
UDP	31	35	576	7	1 : tunables	54	27	8 : slabdata	5	5	0	
tw_sock_TCP	19	60	128	30	1 : tunables	120	60	8 : slabdata	2	2	0	
request_sock_TCP	20	40	96	40	1 : tunables	120	60	8 : slabdata	1	1	0	
TCP	21	21	1280	3	1 : tunables	24	12	8 : slabdata	7	7	0	
eventpoll_pwq	40	92	40	92	1 : tunables	120	60	8 : slabdata	1	1	0	
eventpoll_epi	40	40	96	40	1 : tunables	120	60	8 : slabdata	1	1	0	
sgpool-128	2	2	2048	2	1 : tunables	24	12	8 : slabdata	1	1	0	
sgpool-64	2	4	1024	4	1 : tunables	54	27	8 : slabdata	1	1	0	
sgpool-32	2	8	512	8	1 : tunables	54	27	8 : slabdata	1	1	0	
sgpool-16	2	15	256	15	1 : tunables	120	60	8 : slabdata	1	1	0	
sgpool-8	2	30	128	30	1 : tunables	120	60	8 : slabdata	1	1	0	
scsi_data_buffer	0	0	24	145	1 : tunables	120	60	8 : slabdata	0	0	0	
blkdev_queue	19	21	1160	7	2 : tunables	24	12	8 : slabdata	3	3	0	
blkdev_requests	40	68	232	17	1 : tunables	120	60	8 : slabdata	4	4	0	

blkdev_ioc	0	0	48	78	1	:	tunables	120	60	8	:	slabdata	0	0	0	0	
fsnotify_event_holder	0	0	0	16	203	1	:	tunables	120	60	8	:	slabdata	0	0	0	0
fsnotify_event	1	59	64	59	1	:	tunables	120	60	8	:	slabdata	1	1	0		
bio-0	2	30	128	30	1	:	tunables	120	60	8	:	slabdata	1	1	0		
biovec-256	2	2	3072	2	2	:	tunables	24	12	8	:	slabdata	1	1	0		
biovec-128	0	0	1536	5	2	:	tunables	24	12	8	:	slabdata	0	0	0		
biovec-64	0	0	768	5	1	:	tunables	54	27	8	:	slabdata	0	0	0		
biovec-16	0	0	192	20	1	:	tunables	120	60	8	:	slabdata	0	0	0		
sock_inode_cache	149	160	384	10	1	:	tunables	54	27	8	:	slabdata	16	16	0		
skbuff_fclone_cache	18	18	416	9	1	:	tunables	54	27	8	:	slabdata	2	2	2	0	
skbuff_head_cache	2840	4320	192	20	1	:	tunables	120	60	8	:	slabdata	216	216	0		
file_lock_cache	11	35	112	35	1	:	tunables	120	60	8	:	slabdata	1	1	0		
shmem_inode_cache	813	847	360	11	1	:	tunables	54	27	8	:	slabdata	77	77	0		
proc_inode_cache	450	528	360	11	1	:	tunables	54	27	8	:	slabdata	48	48	0		
sigqueue	17	27	144	27	1	:	tunables	120	60	8	:	slabdata	1	1	0		
bdev_cache	3	16	480	8	1	:	tunables	54	27	8	:	slabdata	2	2	0		
sysfs_dir_cache	12560	12624	80	48	1	:	tunables	120	60	8	:	slabdata	263	263	0		
mnt_cache	25	48	160	24	1	:	tunables	120	60	8	:	slabdata	2	2	0		
filp	991	1584	160	24	1	:	tunables	120	60	8	:	slabdata	66	66	0		
inode_cache	1296	1296	328	12	1	:	tunables	54	27	8	:	slabdata	108	108	0		
dentry	3757	3810	128	30	1	:	tunables	120	60	8	:	slabdata	127	127	0		
names_cache	25	25	4096	1	1	:	tunables	24	12	8	:	slabdata	25	25	0		
key_jar	1	40	96	40	1	:	tunables	120	60	8	:	slabdata	1	1	0		
buffer_head	0	0	64	59	1	:	tunables	120	60	8	:	slabdata	0	0	0		
nsproxy	1	145	24	145	1	:	tunables	120	60	8	:	slabdata	1	1	0		
vm_area_struct	1595	1848	88	44	1	:	tunables	120	60	8	:	slabdata	42	42	120		
mm_struct	99	99	416	9	1	:	tunables	54	27	8	:	slabdata	11	11	0		
fs_cache	160	177	64	59	1	:	tunables	120	60	8	:	slabdata	3	3	0		
files_cache	162	204	224	17	1	:	tunables	120	60	8	:	slabdata	12	12	0		
signal_cache	138	217	544	7	1	:	tunables	54	27	8	:	slabdata	31	31	0		
sighand_cache	110	123	1312	3	1	:	tunables	24	12	8	:	slabdata	41	41	0		
task_struct	167	204	960	4	1	:	tunables	54	27	8	:	slabdata	51	51	0		
cred_jar	304	720	128	30	1	:	tunables	120	60	8	:	slabdata	24	24	0		
anon_vma_chain	1591	1885	24	145	1	:	tunables	120	60	8	:	slabdata	13	13	240		
anon_vma	1127	1288	40	92	1	:	tunables	120	60	8	:	slabdata	14	14	0		
pid	249	354	64	59	1	:	tunables	120	60	8	:	slabdata	6	6	0		
radix_tree_node	351	351	296	13	1	:	tunables	54	27	8	:	slabdata	27	27	0		
idr_layer_cache	307	338	152	26	1	:	tunables	120	60	8	:	slabdata	13	13	0		
size-4194304 (DMA)	0	0	4194304	1	1024	:	tunables	1	1	0	:	slabdata	0	0	0		
size-4194304	0	0	4194304	1	1024	:	tunables	1	1	0	:	slabdata	0	0	0		
size-2097152 (DMA)	0	0	2097152	1	512	:	tunables	1	1	0	:	slabdata	0	0	0		
size-2097152	0	0	2097152	1	512	:	tunables	1	1	0	:	slabdata	0	0	0		
size-1048576 (DMA)	0	0	1048576	1	256	:	tunables	1	1	0	:	slabdata	0	0	0		
size-1048576	0	0	1048576	1	256	:	tunables	1	1	0	:	slabdata	0	0	0		
size-524288 (DMA)	0	0	524288	1	128	:	tunables	1	1	0	:	slabdata	0	0	0		
size-524288	0	0	524288	1	128	:	tunables	1	1	0	:	slabdata	0	0	0		
size-262144 (DMA)	0	0	262144	1	64	:	tunables	1	1	0	:	slabdata	0	0	0		
size-262144	2	3	262144	1	64	:	tunables	1	1	0	:	slabdata	2	3	0		
size-131072 (DMA)	0	0	131072	1	32	:	tunables	8	4	0	:	slabdata	0	0	0		
size-131072	2	2	131072	1	32	:	tunables	8	4	0	:	slabdata	2	2	0		
size-65536 (DMA)	0	0	65536	1	16	:	tunables	8	4	0	:	slabdata	0	0	0		
size-65536	8	8	65536	1	16	:	tunables	8	4	0	:	slabdata	8	8	0		
size-32768 (DMA)	0	0	32768	1	8	:	tunables	8	4	0	:	slabdata	0	0	0		
size-32768	148	148	32768	1	8	:	tunables	8	4	0	:	slabdata	148	148	0		
size-16384 (DMA)	0	0	16384	1	4	:	tunables	8	4	0	:	slabdata	0	0	0		
size-16384	8	8	16384	1	4	:	tunables	8	4	0	:	slabdata	8	8	0		
size-8192 (DMA)	0	0	8192	1	2	:	tunables	8	4	0	:	slabdata	0	0	0		
size-8192	553	553	8192	1	2	:	tunables	8	4	0	:	slabdata	553	553	0		
size-4096 (DMA)	0	0	4096	1	1	:	tunables	24	12	8	:	slabdata	0	0	0		
size-4096	39	39	4096	1	1	:	tunables	24	12	8	:	slabdata	39	39	0		
size-2048 (DMA)	0	0	2048	2	1	:	tunables	24	12	8	:	slabdata	0	0	0		
size-2048	3021	3026	2048	2	1	:	tunables	24	12	8	:	slabdata	1513	1513	0		
size-1024 (DMA)	0	0	1024	4	1	:	tunables	54	27	8	:	slabdata	0	0	0		
size-1024	420	420	1024	4	1	:	tunables	54	27	8	:	slabdata	105	105	0		
size-512 (DMA)	0	0	512	8	1	:	tunables	54	27	8	:	slabdata	0	0	0		
size-512	1336	1336	512	8	1	:	tunables	54	27	8	:	slabdata	167	167	0		
size-256 (DMA)	0	0	256	15	1	:	tunables	120	60	8	:	slabdata	0	0	0		
size-256	351	375	256	15	1	:	tunables	120	60	8	:	slabdata	25	25	0		
size-192 (DMA)	0	0	192	20	1	:	tunables	120	60	8	:	slabdata	0	0	0		
size-192	391	580	192	20	1	:	tunables	120	60	8	:	slabdata	29	29	0		
size-128 (DMA)	0	0	128	30	1	:	tunables	120	60	8	:	slabdata	0	0	0		
size-128	2596	2610	128	30	1	:	tunables	120	60	8	:	slabdata	87	87	0		
size-96 (DMA)	0	0	96	40	1	:	tunables	120	60	8	:	slabdata	0	0	0		
size-96	1520	1520	96	40	1	:	tunables	120	60	8	:	slabdata	38	38	0		
size-64 (DMA)	0	0	64	59	1	:	tunables	120	60	8	:	slabdata	0	0	0		
size-32 (DMA)	0	0	32	113	1	:	tunables	120	60	8	:	slabdata	0	0	0		
size-64	4592	6254	64	59	1	:	tunables	120	60	8	:	slabdata	106	106	0		
size-32	8918	10848	32	113	1	:	tunables	120	60	8	:	slabdata	96	96	1		
kmem_cache	198	200	96	40	1	:	tunables	120	60	8	:	slabdata	5	5	0		

```
cat /proc/vmstat
nr_free_pages 46866
nr_inactive_anon 115
nr_active_anon 2479
nr_inactive_file 2471
nr_active_file 1828
nr_unevictable 0
nr_mlock 0
nr_anon_pages 2323
nr_mapped 1652
nr_file_pages 4568
nr_dirty 0
nr_writeback 0
nr_slab_reclaimable 391
nr_slab_unreclaimable 6100
nr_page_table_pages 184
nr_kernel_stack 128
nr_unstable 0
```



```

5573 4011 root S 2768 1.1 0 0.0 /bin/sh /www/sysinfo.cgi
1 0 root S 2764 1.1 1 0.0 init
900 1 root S 2764 1.1 1 0.0 /sbin/syslogd -l 6
8740 1 root S 2764 1.1 0 0.0 crond -l 9
855 1 root S 2764 1.1 0 0.0 /sbin/klogd
5560 7930 root S 2632 1.0 1 0.0 sleep 20
4891 1 root S 2300 0.9 1 0.0 /usr/sbin/generic_link_status_moni
7207 1 root S < 2280 0.9 0 0.0 /usr/bin/nfqrecv
4439 1 root S 2180 0.8 0 0.0 mdnsd
3901 1 nobody S 2056 0.8 0 0.0 /sbin/dnsmasq -u nobody --dhcp-aut
3902 3901 root S 2056 0.8 1 0.0 /sbin/dnsmasq -u nobody --dhcp-aut
7017 1 root S 2008 0.8 0 0.0 hostapd-mon -v -0 /tmp/hostapd-wde
7699 1 root S 1968 0.7 1 0.0 /usr/sbin/radvd -C /etc/radvd.conf
5435 1 root S 1904 0.7 0 0.0 /sbin/dns-sd -R myrouter _http._tc
4088 1 root S 1896 0.7 1 0.0 lld2d br0
926 1 root S 1872 0.7 1 0.0 syseventd_fork_helper 8
597 1 root S < 1848 0.7 1 0.0 /sbin/udevvd --daemon
8132 1 root S 1812 0.7 1 0.0 igmpproxy /tmp/igmpproxy.conf
2560 1 root S 1752 0.7 0 0.0 /usr/sbin/bdutil
13 2 root SW 0 0.0 0 0.0 [kworker/u:1]
263 2 root SW 0 0.0 0 0.0 [kworker/0:1]
6892 2 root SW 0 0.0 1 0.0 [kworker/1:2]
9 2 root SW 0 0.0 1 0.0 [ksoftirqd/1]
3 2 root SW 0 0.0 0 0.0 [ksoftirqd/0]
7 2 root SW 0 0.0 1 0.0 [migration/1]
6 2 root SW 0 0.0 0 0.0 [migration/0]
209 2 root SW 0 0.0 1 0.0 [sync_supers]
841 2 root DW 0 0.0 0 0.0 [mod_bdutil:fan]
5 2 root SW 0 0.0 0 0.0 [kworker/u:0]
885 2 root SW 0 0.0 0 0.0 [ubi_bgt0d]
2 0 root SW 0 0.0 0 0.0 [kthreadd]
4 2 root SW 0 0.0 0 0.0 [kworker/0:0]
8 2 root SW 0 0.0 1 0.0 [kworker/1:0]
10 2 root SW< 0 0.0 0 0.0 [cpuset]
11 2 root SW< 0 0.0 0 0.0 [khelper]
12 2 root SW 0 0.0 0 0.0 [kdevtmpfs]
211 2 root SW 0 0.0 0 0.0 [bdi-default]
213 2 root SW< 0 0.0 0 0.0 [kblockd]
220 2 root SW< 0 0.0 0 0.0 [ata_sff]
232 2 root SW 0 0.0 1 0.0 [khubd]
234 2 root SW 0 0.0 1 0.0 [kethubd]
240 2 root SW< 0 0.0 1 0.0 [md]
261 2 root SW< 0 0.0 1 0.0 [rpciod]
274 2 root SW 0 0.0 0 0.0 [ocf_0]
275 2 root SW 0 0.0 0 0.0 [ocf_ret_0]
276 2 root SW 0 0.0 1 0.0 [ocf_1]
277 2 root SW 0 0.0 1 0.0 [ocf_ret_1]
297 2 root SW 0 0.0 0 0.0 [khungtaskd]
302 2 root SW 0 0.0 1 0.0 [kswapd0]
303 2 root SW 0 0.0 1 0.0 [fsnotify_mark]
304 2 root SW< 0 0.0 1 0.0 [nfsiod]
305 2 root SW< 0 0.0 0 0.0 [xfs_mru_cache]
306 2 root SW< 0 0.0 1 0.0 [xfslogd]
307 2 root SW< 0 0.0 0 0.0 [xfsdatad]
308 2 root SW< 0 0.0 1 0.0 [xfsconvertd]
309 2 root SW< 0 0.0 0 0.0 [crypto]
399 2 root SW 0 0.0 1 0.0 [scsi_eh_0]
402 2 root SW 0 0.0 1 0.0 [scsi_eh_1]
416 2 root SW 0 0.0 0 0.0 [mtdblock0]
421 2 root SW 0 0.0 1 0.0 [mtdblock1]
426 2 root SW 0 0.0 0 0.0 [mtdblock2]
431 2 root SW 0 0.0 1 0.0 [mtdblock3]
436 2 root SW 0 0.0 0 0.0 [mtdblock4]
441 2 root SW 0 0.0 1 0.0 [mtdblock5]
446 2 root SW 0 0.0 0 0.0 [mtdblock6]
451 2 root SW 0 0.0 1 0.0 [mtdblock7]
456 2 root SW 0 0.0 0 0.0 [mtdblock8]
461 2 root SW 0 0.0 1 0.0 [mtdblock9]
838 2 root SW 0 0.0 0 0.0 [mod_bdutil:acti]
839 2 root SW 0 0.0 0 0.0 [mod_bdutil:acti]
840 2 root SW< 0 0.0 0 0.0 [wpsled_wq]
891 2 root SW 0 0.0 0 0.0 [ubifs_bgt0_0]
928 2 root SW< 0 0.0 0 0.0 [wdtutil]
2564 2 root SW 0 0.0 1 0.0 [button_thread]

```

```

===== Wi-Fi General Information =====
Wifi driver version      : wdev0      version:Driver version: 7.2.5.4-W8864, Firmware version: 7.2.5.2
Country code            : wdev0      getregioncode:16
Device Serial Number    : 13J10603405693
Primary 2.4GHz enabled  : 1
Primary 5GHz enabled    : 0
Guest Master Switch enabled : 0
Guest 2.4GHz enabled    : 0
Guest 5GHz enabled      : 0
SimpleTap enabled       :
Wi-Fi scheduler enabled : 0

```

```

----- MAC address (from ifconfig) -----
LAN Mac Address      : B4:75:0E:5A:76:5E
WAN Mac Address      : B4:75:0E:5A:76:5E
Primary Mac Address 2.4GHz : B4:75:0E:5A:76:5F
Primary Mac Address 5GHz  : B4:75:0E:5A:76:60

```

```

----- wdev0ap0 Settings -----
Interface name: wdev0ap0
SSID: WRT

```

```
Mac address: wdev0ap0 getbssid:MAC b4:75:0e:5a:76:5f
Channel: wdev0ap0 0 channels
Current Channel:11
Auto Channel: wdev0ap0 getautochannel:1
Bandwidth (0=auto,2=20MHz,3=40MHz): wdev0ap0 gethtbw:0
Network Mode (1:b, 2:g, 3:b/g, 4:n[2.4GHz], 6:g/n, 7:b/g/n, 8:a, 12:a/n, 13:n[5GHz], 23:b/g/n/ac, 28:a/n/ac): wdev0ap0
getopmode:4
Guard Interval (0=auto,1=Short,2=Long): Current wdev0ap0 getguardint:0
Current connected client(s): wdev0ap0 getstalistentext:
1: 78:54:2e:1a:1d:82 n ASSOCIATED Rate 243 Mbps, RSSI 29 A 66 B 62 C 64 D 68
Tx Antennas (0=auto i.e all antennas, 1=antenna A, 2=antenna B, 3=antenna AB, 7=antenna ABC, 0xF= antenna ABCD): wdev0ap0
gettxantenna:0
Rx Antennas (0=auto,1=1 antenna, 2=2 antennas, 3=3 antennas, 4=4 antennas): wdev0ap0 getrxantenna:0
WMM mode (0=AC_BE, 1=AC_BK, 2=AC_VI, 3=AC_VO): wdev0ap0 getwmm:1
Optimization Level (0=harmony mode, 1=high performance): wdev0ap0 getoptlevel:1
Multicast Proxy (0=disable, 1=enable ): wdev0ap0 getmcastproxy:1
Intra BSS bridging (0=disable wireless to wireless client bridging, 1=enable wireless to wireless client bridging): wdev0ap0
getintrabss:1
SSID broadcast (0=show and respond to probe requests, 1=hide and do not respond to probe requests) wdev0ap0 gethidessid:0
Beacon interval (20-1000: interval in time units 1=1.024ms): wdev0ap0 getbcninterval:100
Power save DTIM (1-255): wdev0ap0 getdtim:1
llg protection (0=protection off, 1=protection auto): wdev0ap0 getgprotect:0
Preamble (0=auto, 1=short preamble, 2=long preamble): wdev0ap0 getpreamble:0
Idle aging time (60-86400 sec): wdev0ap0 getagingtime:7200
Associations to AP BSS (0=disable, 1=enable ): wdev0ap0 getdisableassoc:0
WDS mode (0=disable, 1=enable ): wdev0ap0 getwdsmode:0
HT Greenfield mode (0=disable, 1=enable ): wdev0ap0 gethtgf:0
Tx Power: wdev0ap0 gettxpower:
Current Channel Power level list (FW) :0x17 0x11 0x11 0x11 0x11 0x11 0x11 0x11 0x10 0x10 0x10 0x10 0x00 0x00 0x00 0x00
```

----- Wi-Fi syscfg section -----

```
wifi_bridge::wl0_supported_sec_types=none wpa-personal wpa2-personal wpa-mixed
wl0_amsdu_enabled=1
wl0_ap_isolation=disabled
wl0_authentication_type=auto
wl0_available_channels=1,2,3,4,5,6,7,8,9,10,11
wl0_basic_rate=default
wl0_beacon_interval=100
wl0_channel=0
wl0_cts_protection_mode=enabled
wl0_default_ssid=Linksys05693
wl0_dfs_enabled=0
wl0_dtim_interval=1
wl0_encryption=aes
wl0_fragmentation_threshold=2346
wl0_frame_burst=enabled
wl0_grn_field_pre=disabled
wl0_guest_enabled=0
wl0_guest_vap=wdev0ap1
wl0_ht_dup_mcs32=enabled
wl0_key_renewal=3600
wl0_mac_addr=B4:75:0E:5A:76:5F
wl0_n_transmission_rate=auto
wl0_network_mode=11n
wl0_network_modes=11b,11g,11n,11bg,11bgn,mixed
wl0_passphrase=wifi1234
wl0_physical_ifname=wdev0
wl0_power_table=/etc/24G_power_table_FCC
wl0_radio_band=auto
wl0_radius_port=1812
wl0_rts_threshold=2347
wl0_security_mode=wpa2-personal
wl0_shared=0
wl0_sideband=auto
wl0_ssid=WRT
wl0_ssid_broadcast=1
wl0_sta_mac_addr=B6:75:0E:5A:76:64
wl0_sta_vap=wdev0sta0
wl0_state=up
wl0_stbc=disabled
wl0_supported_sec_types=none wep wpa2-personal wpa2-enterprise wpa-mixed wpa-enterprise-mixed
wl0_transmission_power=high
wl0_transmission_rate=auto
wl0_tx_key=1
wl0_txbf_3x3_only=0
wl0_txbf_enabled=1
wl0_user_vap=wdev0ap0
wl0_uuid=9cd95295-bd71-4fb1-91bb-d9ee178fb738
wl0_wmm_ps=enabled
wl0_wps_state=disabled
```

```
wifi_bridge::wl1_supported_sec_types=none wpa-personal wpa2-personal wpa-mixed
wl1_amsdu_enabled=1
wl1_ap_isolation=disabled
wl1_authentication_type=auto
wl1_available_channels=36,40,44,48,149,153,157,161
wl1_basic_rate=default
wl1_beacon_interval=100
wl1_channel=0
wl1_cts_protection_mode=enabled
wl1_default_ssid=Linksys05693_5GHz
wl1_dfs_enabled=1
wl1_dtim_interval=1
wl1_encryption=aes
wl1_fragmentation_threshold=2346
wl1_frame_burst=enabled
wl1_grn_field_pre=disabled
wl1_guest_enabled=0
```

```
wl1_guest_password=BeMyGuest
wl1_guest_ssid=Linksys05693_5GHz-guest
wl1_guest_ssid_broadcast=0
wl1_guest_vap=wdev1ap1
wl1_guest_wifi_phy_ifname=wl1
wl1_ht_dup_mcs32=enabled
wl1_key_renewal=3600
wl1_mac_addr=B4:75:0E:5A:76:60
wl1_n_transmission_rate=auto
wl1_network_mode=mixed
wl1_network_modes=11a,11n,11an,mixed
wl1_passphrase=74hx4cuvdd
wl1_physical_ifname=wdev1
wl1_power_table=/etc/5G_power_table_FCC
wl1_radio_band=auto
wl1_radius_port=1812
wl1_rts_threshold=2347
wl1_security_mode=wpa2-personal
wl1_shared=0
wl1_sideband=lower
wl1_ssid=bj8blkbjb
wl1_ssid_broadcast=1
wl1_sta_mac_addr=B6:75:0E:5A:76:65
wl1_sta_vap=wdev1sta0
wl1_state=down
wl1_stbc=disabled
wl1_supported_sec_types=none wep wpa2-personal wpa2-enterprise wpa-mixed wpa-enterprise-mixed
wl1_transmission_power=high
wl1_transmission_rate=auto
wl1_tx_key=1
wl1_txbf_3x3_only=0
wl1_txbf_enabled=1
wl1_user_vap=wdev1ap0
wl1_uuid=9cd95295-bd71-4fb1-91bb-d9ee178fb738
wl1_wmm_ps=enabled
wl1_wps_state=disabled
```

```
guest_auth_port=10080
guest_dhcp_lease_time=3600
guest_dhcp_start=100
guest_enabled=0
guest_lan_ifname=br1
guest_lan_ipaddr=192.168.3.1
guest_lan_netmask=255.255.255.0
guest_logging=1
guest_max_allowed=5
guest_max_allowed_limit=50
guest_max_duration=24
guest_password=BeMyGuest
guest_redirector=51000
guest_ssid=WRT-guest
guest_ssid_broadcast=0
guest_ssid_suffix=-guest
guest_subnet=192.168.3.0
guest_vlan_id=3
guest_wifi_phy_ifname=w10
parental_control_guest_default_policy=0
wl0_guest_enabled=0
wl0_guest_vap=wdev0ap1
wl1_guest_enabled=0
wl1_guest_password=BeMyGuest
wl1_guest_ssid=Linksys05693_5GHz-guest
wl1_guest_ssid_broadcast=0
wl1_guest_vap=wdev1ap1
wl1_guest_wifi_phy_ifname=wl1
===== End Of Wi-Fi General Information =====
ifconfig:
```

```
br0      Link encap:Ethernet  HWaddr B4:75:0E:5A:76:5E
         inet addr:192.168.150.1  Bcast:192.168.150.255  Mask:255.255.255.0
         inet6 addr: fe80::b675:eff:fe5a:765e/64  Scope:Link
         UP BROADCAST RUNNING ALLMULTI MULTICAST  MTU:1500  Metric:1
         RX packets:44360 errors:0 dropped:0 overruns:0 frame:0
         TX packets:48529 errors:0 dropped:0 overruns:0 carrier:0
         collisions:0 txqueuelen:0
         RX bytes:7763656 (7.4 MiB)  TX bytes:14620532 (13.9 MiB)
```

```
eth0     Link encap:Ethernet  HWaddr B4:75:0E:5A:76:5E
         inet6 addr: fe80::b675:eff:fe5a:765e/64  Scope:Link
         UP BROADCAST RUNNING ALLMULTI MULTICAST  MTU:1500  Metric:1
         RX packets:42250809 errors:0 dropped:0 overruns:0 frame:0
         TX packets:93871051 errors:0 dropped:0 overruns:0 carrier:0
         collisions:0 txqueuelen:532
         RX bytes:2793528158 (2.6 GiB)  TX bytes:4017524951 (3.7 GiB)
         Interrupt:8
```

```
eth1     Link encap:Ethernet  HWaddr B4:75:0E:5A:76:5E
         inet addr:192.168.200.4  Bcast:192.168.200.255  Mask:255.255.255.0
         inet6 addr: fe80::b675:eff:fe5a:765e/64  Scope:Link
         UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
         RX packets:48345 errors:0 dropped:0 overruns:0 frame:0
         TX packets:27874 errors:0 dropped:0 overruns:0 carrier:0
         collisions:0 txqueuelen:532
         RX bytes:13821290 (13.1 MiB)  TX bytes:4767932 (4.5 MiB)
         Interrupt:10
```

```
lo       Link encap:Local Loopback
         inet addr:127.0.0.1  Mask:255.0.0.0
```

```

    inet6 addr: ::1/128 Scope:Host
    UP LOOPBACK RUNNING MTU:16436 Metric:1
    RX packets:2291 errors:0 dropped:0 overruns:0 frame:0
    TX packets:2291 errors:0 dropped:0 overruns:0 carrier:0
    collisions:0 txqueuelen:0
    RX bytes:168305 (164.3 KiB) TX bytes:168305 (164.3 KiB)

wdev0 Link encap:Ethernet HWaddr B4:75:0E:5A:76:5F
    inet6 addr: fe80::b675:eff:fe5a:765f/64 Scope:Link
    UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
    RX packets:93834578 errors:0 dropped:0 overruns:0 frame:0
    TX packets:42225802 errors:0 dropped:0 overruns:0 carrier:0
    collisions:0 txqueuelen:1000
    RX bytes:1960692025 (1.8 GiB) TX bytes:4223382040 (3.9 GiB)
    Interrupt:59 Memory:f2200000-f2300000

wdev0ap0 Link encap:Ethernet HWaddr B4:75:0E:5A:76:5F
    inet6 addr: fe80::b675:eff:fe5a:765f/64 Scope:Link
    UP BROADCAST RUNNING ALLMULTI MULTICAST MTU:1500 Metric:1
    RX packets:93827687 errors:0 dropped:0 overruns:0 frame:0
    TX packets:42225797 errors:0 dropped:804 overruns:0 carrier:799
    collisions:0 txqueuelen:1000
    RX bytes:2690243832 (2.5 GiB) TX bytes:4223381494 (3.9 GiB)
    Interrupt:59 Memory:f2200000-f2300000

cat /etc/resolv.conf:

nameserver 127.0.0.1
nameserver 8.8.8.8
nameserver 127.0.0.1
nameserver 8.8.8.8

ip link:

1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue state UNKNOWN
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
2: eth0: <BROADCAST,MULTICAST,ALLMULTI,UP,LOWER_UP> mtu 1500 qdisc mq master br0 state UP qlen 532
    link/ether b4:75:0e:5a:76:5e brd ff:ff:ff:ff:ff:ff
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP qlen 532
    link/ether b4:75:0e:5a:76:5e brd ff:ff:ff:ff:ff:ff
4: gre0: <NOARP> mtu 1476 qdisc noop state DOWN
    link/gre 0.0.0.0 brd 0.0.0.0
5: sit0: <NOARP> mtu 1480 qdisc noop state DOWN
    link/sit 0.0.0.0 brd 0.0.0.0
6: ip6tnl0: <NOARP> mtu 1452 qdisc noop state DOWN
    link/tunnel6 :: brd ::
7: br0: <BROADCAST,MULTICAST,ALLMULTI,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP
    link/ether b4:75:0e:5a:76:5e brd ff:ff:ff:ff:ff:ff
8: wdev0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UNKNOWN qlen 1000
    link/ether b4:75:0e:5a:76:5f brd ff:ff:ff:ff:ff:ff
9: wdev0ap0: <BROADCAST,MULTICAST,ALLMULTI,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast master br0 state UNKNOWN qlen 1000
    link/ether b4:75:0e:5a:76:5f brd ff:ff:ff:ff:ff:ff
10: wdev0ap0wds0: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 00:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
11: wdev0ap0wds1: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 00:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
12: wdev0ap0wds2: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 00:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
13: wdev0ap0wds3: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 00:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
14: wdev0ap0wds4: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 00:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
15: wdev0ap0wds5: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 00:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
16: wdev0ap1: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether b6:75:0e:5a:76:61 brd ff:ff:ff:ff:ff:ff
17: wdev0ap1wds0: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 06:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
18: wdev0ap1wds1: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 06:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
19: wdev0ap1wds2: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 06:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
20: wdev0ap1wds3: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 06:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
21: wdev0ap1wds4: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 06:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
22: wdev0ap1wds5: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 06:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
23: wdev0ap2: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether b6:75:0e:5a:76:62 brd ff:ff:ff:ff:ff:ff
24: wdev0ap2wds0: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 0a:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
25: wdev0ap2wds1: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 0a:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
26: wdev0ap2wds2: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 0a:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
27: wdev0ap2wds3: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 0a:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
28: wdev0ap2wds4: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 0a:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
29: wdev0ap2wds5: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 0a:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
30: wdev0ap3: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 0e:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
31: wdev0ap3wds0: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 0e:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff
32: wdev0ap3wds1: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN qlen 1000
    link/ether 0e:25:9c:13:07:30 brd ff:ff:ff:ff:ff:ff

```

[illegible]


```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,ALLMULTI,UP,LOWER_UP> mtu 1500 qlen 532
    inet6 fe80::b675:eff:fe5a:765e/64 scope link
        valid_lft forever preferred_lft forever
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qlen 532
    inet6 fe80::b675:eff:fe5a:765e/64 scope link
        valid_lft forever preferred_lft forever
7: br0: <BROADCAST,MULTICAST,ALLMULTI,UP,LOWER_UP> mtu 1500
    inet6 fe80::b675:eff:fe5a:765e/64 scope link
        valid_lft forever preferred_lft forever
8: wdev0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qlen 1000
    inet6 fe80::b675:eff:fe5a:765f/64 scope link
        valid_lft forever preferred_lft forever
9: wdev0ap0: <BROADCAST,MULTICAST,ALLMULTI,UP,LOWER_UP> mtu 1500 qlen 1000
    inet6 fe80::b675:eff:fe5a:765f/64 scope link
        valid_lft forever preferred_lft forever
```

ip -6 route show:

```
fe80::/64 dev eth0 proto kernel metric 256
fe80::/64 dev br0 proto kernel metric 256
fe80::/64 dev eth1 proto kernel metric 256
fe80::/64 dev wdev0 proto kernel metric 256
fe80::/64 dev wdev0ap0 proto kernel metric 256
```

ip tunnel show:

```
gre0: gre/ip remote any local any ttl inherit nopmtudisc
sit0: ipv6/ip remote any local any ttl 64 nopmtudisc 6rd-prefix 2002::/16
```

rdisc6 -r1 :

rdisc6 -r1 ppp0:

ping www.ietf.org:

```
PING www.ietf.org (4.31.198.44): 56 data bytes
64 bytes from 4.31.198.44: seq=0 ttl=53 time=159.430 ms
64 bytes from 4.31.198.44: seq=1 ttl=53 time=149.584 ms
```

```
--- www.ietf.org ping statistics ---
2 packets transmitted, 2 packets received, 0% packet loss
round-trip min/avg/max = 149.584/154.507/159.430 ms
```

ping 8.8.8.8:

```
PING 8.8.8.8 (8.8.8.8): 56 data bytes
64 bytes from 8.8.8.8: seq=0 ttl=47 time=91.841 ms
64 bytes from 8.8.8.8: seq=1 ttl=47 time=109.471 ms
```

```
--- 8.8.8.8 ping statistics ---
2 packets transmitted, 2 packets received, 0% packet loss
round-trip min/avg/max = 91.841/100.656/109.471 ms
```

NIC Counters

```
br0 : RX bytes:7764845 (7.4 MiB) TX bytes:14644508 (13.9 MiB)
eth0 : RX bytes:2793529501 (2.6 GiB) TX bytes:4017548885 (3.7 GiB)
eth1 : RX bytes:13823278 (13.1 MiB) TX bytes:4769331 (4.5 MiB)
eth2 :
vlan1 :
vlan2 :
wl1.2 :
```

usb messages to dmesg

```
scsi0 : sata_mv
scsi1 : sata_mv
```

disk information:

Error: Could not stat device /dev/sd? - No such file or directory.

mounted filesystems:

```
rootfs on / type rootfs (rw)
/dev/root on / type jffs2 (ro,relatime)
devtmpfs on /dev type devtmpfs (rw,relatime,size=125384k,nr_inodes=31346,mode=755)
none on /proc type proc (rw,relatime)
none on /sys type sysfs (rw,relatime)
mdev on /dev type tmpfs (rw,relatime,size=100k)
none on /tmp type tmpfs (rw,relatime,size=51200k)
none on /dev/pts type devpts (rw,relatime,mode=600,ptmxmode=000)
memory on /cgroup type cgroup (rw,relatime,memory)
ubi0_0 on /tmp/var/config type ubifs (rw,sync,relatime)
none on /proc/bus/usb type usbfs (rw,relatime)
=====
```

----- QoS info -----

```
* syscfg QoS Info
qos_auto_prioritize_enable=1
qos_enable=0
* sysevent QoS info
committed_bitrate is
* QoS queues
```

```
-> queues on eth1
class mq :1 root
Sent 2346491 bytes 14641 pkt (dropped 0, overlimits 0 requeues 0)
backlog 0b 0p requeues 0
class mq :2 root
Sent 2402366 bytes 13248 pkt (dropped 0, overlimits 0 requeues 0)
backlog 0b 0p requeues 0
class mq :3 root
Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
backlog 0b 0p requeues 0
class mq :4 root
Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
backlog 0b 0p requeues 0
class mq :5 root
Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
backlog 0b 0p requeues 0
class mq :6 root
Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
backlog 0b 0p requeues 0
class mq :7 root
Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
backlog 0b 0p requeues 0
class mq :8 root
Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
backlog 0b 0p requeues 0
-> queues on br0

-> queues on wdev0

-> queues on wdev1

=====
----- speedtest info -----

----- USB Storage Information -----
```