

```
##### TITLE Version 161.07.27
##### TITLE SubVersion
##### TITLE Produkt Fritz_Box_HW233x
##### TITLE Datum Wed Dec 8 21:30:32 CET 2021
##### BEGIN SECTION Diagnosis_Data Diagnosisdata Linux 4.9.250 #1 SMP
PREEMPT 2021-05-27 i686 Version 161.07.27
Diagnosis Data
-----
Wed Dec 8 21:30:33 CET 2021
4.9.250
DMC RTL=n,postHSR=9
HWRevision 233
HWSubRevision 8
ProductID Fritz_Box_HW233
SerialNumber SECRET
annex Kabel
autoload yes
bootloaderVersion 1.3614
country 049
crash [0]7cc40976,610903c4,1[1]33275e2a,6009aa7f,1[2]0,0,0[3]0,0,0
firstfreeaddress 0x3D3C4C00
firmware_info 161.07.27
firmware_version lgi
language de
linux_fs_start 0
maca 2C:91:AB:SECRET
macb 2C:91:AB:SECRET
macwlan 2C:91:AB:SECRET
macwlan2 2C:91:AB:SECRET
macdsl 2C:91:AB:SECRET
memsize 0x40000000
mtd0 0x0,0x4800000
mtd1 0x4800000,0x5100000
mtd2 0x5100000,0x5300000
mtd3 0x5300000,0x5B00000
mtd4 0x0,0x0
mtd5 0x5B00000,0xDB00000
mtd6 0xDB00000,0xEE00000
mtd7 0xEE00000,0xF300000
mtd8 0x0,0x0
mtd10 0x0,0x0
mtd11 0xF300000,0x13B00000
mtd12 0x13B00000,0x14400000
mtd13 0x14400000,0x15700000
mtd14 0x15700000,0x15C00000
my_ipaddress 192.168.178.1
prompt Eva_AVM
tr069_passphrase SECRET
tr069_serial SECRET
usb_board_mac 2C:91:AB:SECRET
usb_device_id 0x0000
usb_device_name USB DSL Device
usb_manufacturer_name AVM
usb_revision_id 0x0000
usb_rndis_mac 2C:91:AB:SECRET
webgui_pass SECRET
wlan_key SECRET
wlan_ssid SECRET
GATEWAY_INTERFACE=CGI/1.1
```

CONTENT_TYPE=multipart/form-data; boundary=----
WebKitFormBoundaryNVbAN094uGHnIFPe
CONFIG_FON_HD=y
CONFIG_TIMERCONTROL=y
CONFIG_USB_STORAGE_USERS=n
CONFIG_WLAN=y
CONFIG_WLAN_RADIOSENSOR=y
CONFIG_AB_COUNT=2
CONFIG_DSL_VRX518=n
CONFIG_EWETEL_SMARTMETER=n
CONFIG_FON_IPPHONE=y
CONFIG_I2C=n
CONFIG_LFS=y
CONFIG_LTE=n
CONFIG_SILENT_UPDATE=n
CONFIG_TCPDUMP=n
CONFIG_USB_HOST_AVM=n
CONFIG_UTF8_FULLL=y
CONFIG_VPN_CERTSRV=n
CONFIG_WLAN_TXPOWER=y
CONFIG_BETA_RELEASE=0
CONFIG_LAND_LISTE_OEM=99 0234 0255 0256 0264 027 030 031 032 033 034 0351
0352 0353 0357 0358 036 0371 0372 0376 0382 0385 0386 0387 0389 039 041
0420 0421 043 044 045 046 047 048 049 054 061 064 066 0972
CONFIG_ATA_NOPASSTHROUGH=n
CONFIG_CAPI_NT=y
CONFIG_DECT_REPEATER_ONLY=n
CONFIG_JFFS2=n
CONFIG_NFS_CLI=n
CONFIG_ONLINEHELP_URL=https://help.avm.de/fritzbox.php?hardware=233&oem=1
gi&language=de&country=049&version=161.07.27&subversion=
CONFIG_T38=y
CONFIG_TEXT2SPEECH=y
CONFIG_UDEV=y
CONFIG_WLAN_OPENWIFI=n
CONFIG_CODECS_IN_PCMROUTER=y
CONFIG_DSL_VRX619=n
CONFIG_KIDS_CONTENT=n
CONFIG_LED_DIMM_AUTO=n
CONFIG_LED_EVENTS=y
CONFIG_NFS=n
CONFIG_STOREUSRCFG=y
CONFIG_USB_TETHERING=y
CONFIG_CAPI_XILINX=n
CONFIG_NEUERUL=y
CONFIG_SQLITE=y
CONFIG_UBIK2=n
CONFIG_WLAN_ATH_NM_MAGPIE=n
CONFIG_YAFFS2=n
REMOTE_ADDR=SECRET
CONFIG_CHRONY=y
CONFIG_CONFIGD=y
CONFIG_DSL_UR8=n
CONFIG_FONGUI2=y
CONFIG_WEBGUI_PASS=y
SHLVL=2
CONFIG_FONQUALITY=y
CONFIG_FTP=y
CONFIG_GPS=n
CONFIG_SQLITE_VIDEO=y

CONFIG_TAM_ONRAM=n
CONFIG_USB=n
CONFIG_WLAN_WDS_NO_SLAVE=y
OEM=lgi
CONFIG_ENVIRONMENT_PATH=/proc/sys/urlader
CONFIG_MULTI_COUNTRY=y
CONFIG_PRODUKT_NAME=FRITZ!Box 6591 Cable (lgi)
CONFIG_VDSL=n
CONFIG_SPRACH_LISTE_OEM=en de es it fr pl
REMOTE_PORT=SECRET
HTTP_USER_AGENT=Mozilla/5.0 (Windows NT 10.0; Win64; x64)
AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.93 Safari/537.36
CONFIG_C4=n
CONFIG_DECT_AUDIOD=y
CONFIG_DECT_NO_EMISSION=y
CONFIG_OPENSSL=y
CONFIG_USB_HOST_TI=n
CONFIG_LABFEEDBACK_URL=https://assets.avm.de/flaborfeedback/?hardware=233
&oem=lgi&language=de&country=049&version=161.07.27&subversion=&buildtype=
1&maca=2C:91:AB:SECRET
CONFIG_ASSIST=y
CONFIG_AVMIPC_REMOTE_IP=169.254.1.2
CONFIG_HOME_AUTO=y
CONFIG_LED_NO_DSL_LED=y
CONFIG_NTFS=y
CONFIG_PROV_DEFAULT=n
CONFIG_SWAP=y
CLIENTCONNECTION=SECRET
HTTP_ACCEPT=text/html,application/xhtml+xml,application/xml;q=0.9,image/a
vif,image/webp,image/apng,*/*;q=0.8,application/signed-
exchange;v=b3;q=0.9
CONFIG_CAPI_POTS=n
CONFIG_DIAGNOSE_LEVEL=0
CONFIG_USB_INTERNAL_HUB=n
CONFIG_USB_STORAGE=y
CONFIG_VERSION=07.27
CONFIG_SUBVERSION=
CONFIG_MANUAL_URL=https://assets.avm.de/manual/?hardware=233&oem=lgi&lang
uage=de&country=049&version=161.07.27&subversion=
WEBDIR_PATH=/usr/www/html
CONTENT_LENGTH=250
CONFIG_LIB_RESOLV=y
CONFIG_SAMBA=y
CONFIG_USB_XHCI=y
CONFIG_WEBSRV=y
PATH_TRANSLATED=/usr/www/html/cgi-bin/firmwarecfg
CONFIG_BLUETOOTH_CTP=n
CONFIG_DECT_MONI_EX=y
CONFIG_RELEASE=1
CONFIG_BUILDNUMBER=88965
HTTP_HOST=SECRET
CONFIG_DECT_FW_ULE=y
CONFIG_FIRMWARE_URL=https://www.avm.de/fritzbox-firmware-
update.php?hardware=233&oem=lgi&language=de&country=049
CONFIG_FLASH_DOUBLE=y
CONFIG_FUSIV=n
CONFIG_MULTI_COUNTRY_ASK=y
CONFIG_PRODUKT=Fritz_Box_HW233x

CONFIG_SERVICEPORTAL_URL=https://www.avm.de/fritzbox-service-portal.php?hardware=233&oem=lgi&language=de&country=049&version=161.07.27&subversion=
CONFIG_ROMSIZE=0-sflash_size=2MB-emmc_size=4096MB
HWRevision=233
CONFIG_ACCESSORY_URL=https://www.avm.de/fritzbox_apps.php?hardware=233&oem=lgi&language=de&country=049&version=161.07.27&subversion=
CONFIG_BUTTON=n
CONFIG_MAILD=y
CONFIG_NO_EXTENDED_CODECS=n
CONFIG_TR064=y
CONFIG_VERSION_MAJOR=161
CONFIG_XILINX=y
ANNEX=Kabel
CONFIG_BOXLOWRESSOURCES=n
CONFIG_CXX=y
CONFIG_DOCSIS_PCD_NO_REBOOT=n
CONFIG_FIBER=n
CONFIG_MEDIASRV_MOUNT=n
CONFIG_NQOS=y
CONFIG_ONLINEHELP=y
CONFIG_WLAN_ATH_NM_COMBO=n
CONFIG_GDB=n
CONFIG_USB_PRINT_SERV=y
CONFIG_VPN=y
SERVER_SOFTWARE=AVM webserv
CONFIG_ASEC=y
CONFIG_ETH_COUNT=4
CONFIG_UPNP=y
CONFIG_CAPI=y
CONFIG_USB_LTE=n
CONFIG_WEBDAV=y
CONFIG_DSL_2DP=n
CONFIG_MAILER=n
CONFIG_TR069=y
CONFIG_WLAN_GUEST=y
CONFIG_WLAN_STANDALONE_MODE=n
CONFIG_CDROM_FALLBACK=n
CONFIG_DECT_HOME_HANFUNG=y
CONFIG_FAXSEND=y
CONFIG_ONLINEPB=y
CONFIG_PLC_DETECTION=y
CONFIG_PLUGINV2=n
CONFIG_USB_GSM=y
CONFIG_WLAN_WEATHER_CAC=n
PATH=/bin:/usr/bin:/sbin:/usr/sbin
CONFIG_DECT=y
CONFIG_USB_GSM_VOICE=y
CONFIG_WLAN_WDS=n
HTTP_ACCEPT_LANGUAGE=de-DE,de;q=0.9,en-US;q=0.8,en;q=0.7
CONFIG_CAPI_UBIK=n
CONFIG_DECT_PICTURED=y
CONFIG_DSL_BONDING=n
CONFIG_FAXSUPPORT=y
CONFIG_INSTALL_TYPE=arm_4GB_xilinx_4eth_2ab_isdn_nt_usb3host_dect_wlan11a
c4x4_kabel_31065
CONFIG_MTD_MAILSEND=y
CONFIG_NAND=y
CONFIG_RAMDISK=n
CONFIG_TELEKOM_KOFFER=n

CONFIG_TR369=n
CONFIG_WLAN_1130TNET=n
HTTP_REFERER=SECRET
CONFIG_CONFIGSPACE_ONNAND=y
CONFIG_DECT_HOME=y
CONFIG_HOME_AUTO_NET=y
CONFIG_IGD=y
CONFIG_MULTI_LANGUAGE=y
CONFIG_QOS_METER=y
CONFIG_SRTP=y
CONFIG_WLAN_ATH_NM_PCI=y
CONFIG_WLAN_MADWIFI=y
SERVER_PROTOCOL=HTTP/1.1
CONFIG_DECT_ONOFF=n
CONFIG_EXT2=y
CONFIG_FAX2MAIL=y
CONFIG_LED_DIMM=n
CONFIG_MEDIASRV=y
CONFIG_OEM_DEFAULT=avm
CONFIG_PLUGINV2_WEBM_INTERPRETER=n
CONFIG_TZ_UPDATE=n
CONFIG_UNIQUE_PASSWD=n
CONFIG_WLAN_WMM=y
HTTP_ACCEPT_ENCODING=gzip, deflate
CONFIG_ATA=n
CONFIG_AUDIO=n
CONFIG_BASIS=y
CONFIG_BOX_FEEDBACK=n
CONFIG_ERR_FEEDBACK=y
CONFIG_EXT3=y
CONFIG_HOMEI2C=n
CONFIG_MYFRITZ=y
PATH_INFO=/cgi-bin/firmwarecfg
CONFIG_DSL_MULTI_ANNEX=n
CONFIG_ECO=y
CONFIG_EXT4=y
CONFIG_IPV6=y
CONFIG_RETAIL=n
CONFIG_SQLITE_BILDER=y
CONFIG_URLADER_UPDATE=n
CONFIG_VLYNQ=n
CONFIG_VOIP_ENUM=n
CONFIG_WLAN_1350TNET=n
CONFIG_DOCSIS_MODEM=y
CONFIG_INETD=y
CONFIG_LOGD=n
CONFIG_STRACE=n
CONFIG_USB_HOST_INTERNAL=n
CONFIG_CDROM=n
CONFIG_GDB_FULL=n
CONFIG_GFAST=n
CONFIG_HOSTNAME=fritz.box
CONFIG_MEDIACLI=y
CONFIG_NOTELNETD=y
CONFIG_REMOTE_HTTPS=y
CONFIG_SPEEDSTEP=n
CONFIG_USB_WLAN_AUTH=y
CONFIG_UTF8=y
CONFIG_VOL_COUNTER=y
CONFIG_WLAN_EACS=n

CONFIG_WLAN_IPTV=y
CONFIG_AUTOUPDATE=y
CONFIG_AVMIPC_LOCAL_IP=169.254.1.1
CONFIG_DOCSIS_CLI=n
CONFIG_ECO_SYSSTAT=y
CONFIG_IPERF=y
CONFIG_LIB_MATH=y
CONFIG_MULTI_LANGUAGE_ASK=y
CONFIG_PLUGINV2_TAM=n
CONFIG_USB_HOST=y
CONFIG_USB_STORAGE_SPINDOWN=y
AVMIPC_REMOTE_IP=169.254.1.2
REQUEST_METHOD=POST
CONFIG_AURA=y
CONFIG_DOCSIS=n
CONFIG_MAILER2=y
CONFIG_NETPERF=y
CONFIG_PLUGINV2_WLAN=n
CONFIG_WLAN_TCOM_PRIO=n
Language=de
SERVER_ADDR=169.254.1.1
CONFIG_CAPI_TE=n
CONFIG_DECT2=y
CONFIG_KIDS=y
CONFIG_MTD_RSS=y
CONFIG_SESSIONID=y
CONFIG_WEBCM_INTERPRETER=y
CONFIG_WLAN_HOTSPOT=y
CONFIG_WLAN_WDS2=y
CONFIG_UPDATEFEATURE_URL=https://www.avm.de/fritzbox_firmware-features.php?hardware=233&oem=lgi&language=de&country=049&version=161.07.27&subversion=
CONFIG_LABINFO_URL=https://assets.avm.de/flaborinfo/?hardware=233&oem=lgi&language=de&country=049&version=161.07.27&subversion=&buildtype=1
CONFIG_ANNEX=Kabel
CONFIG_DECT_MONI=y
CONFIG_SOCAT=n
CONFIG_WEBUSB=y
CONFIG_WLAN_WPS=y
CONFIG_BUILDTYPE=1
CONFIG_NEWSLETTER_URL=https://www.avm.de/newsletter?hardware=233&oem=lgi&language=de&country=049&version=161.07.27&subversion=
PWD=/
Country=049
CONFIG_DEVMEM2=n
CONFIG_DSL_VENDORID=
CONFIG_LINEARTV=y
CONFIG_MINI=n
CONFIG_PLC=n
HTTPS=off
SERVER_PORT=80
CONFIG_ETH_GBIT=n
CONFIG_TAM_MODE=1
CONFIG_VLYNQ0=0
CONFIG_WLAN_GREEN=n
CONFIG_WITH_CONFIG_IMPORTEXPOR=1
SCRIPT_NAME=/cgi-bin/firmwarecfg
TZ=CET-1CEST-2,M3.5.0/02:00:00,M10.5.0/03:00:00
CONFIG_CAPI_MIPS=n
CONFIG_FONBOOK2=y

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CONFIG_GDB_SERVER=n
CONFIG_MTD_MAIL=y
CONFIG_VLYNQ1=0
CONFIG_WLAN_BRCM=n
CONFIG_WLAN_SAVEMEM=n
CONFIG_ATA_FULLL=n
CONFIG_BLUETOOTH=n
CONFIG_LLTD=n
CONFIG_LUA=y
CONFIG_MORPHSTICK=n
CONFIG_NAS=y
CONFIG_NFS_SRV=n
CONFIG_SDK=n
CONFIG_SPEECH_FEEDBACK=y
CONFIG_TAM=y
CONFIG_WLAN_ATH_NM_OFFLOAD=n
CONFIG_WLAN_ATH_NM_USB=n
CONFIG_DECT_CATIQ20=n
CONFIG_DSL=n
CONFIG_DSL_VRX318=n
CONFIG_FON=y
CONFIG_IPTV_4THOME=n
CONFIG_LIBZ=y
CONFIG_MKFS=y
CONFIG_RAMSIZE=707
reset_status=reboot
##### BEGIN SECTION System
##### END SECTION System
##### BEGIN SECTION Networking
Networking
-----
cat: can't open '/var/dslld.autodetect': No such file or directory
cat: can't open '/var/tmp/ethtooldump': No such file or directory
time: 2021-12-08 21:30:35
0: sync_cable: CABLE (showtime) OPERATIONAL
  syncspeed      109568000  10956000  110Mbit/s  10.96Mbit/s
  maxspeed L2    109568000  10956000  110Mbit/s  10.96Mbit/s
  actual         73152    43760    73.15Kbit/s  43.76Kbit/s
                                     0.07%    0.40%
1: sync_lan0: ATA (showtime)
  manual         1024000  99999000  1.02Mbit/s  100.00Mbit/s
  syncspeed      1024000  99999000  1.02Mbit/s  100.00Mbit/s
  maxspeed L2    1024000  99999000  1.02Mbit/s  100.00Mbit/s
  actual         0      125184    0bit/s  125.18Kbit/s
                                     0%    0.13%
running (voip=1,tr069=0,tv=0,ntp=0,ipv6=0,ipv4=0,vpn=0)
Active Provider: -
PPPoE Forward: disabled

0: name internet (attached, active internet)
0: sync_group: sync_cable
0: iface erouter0 RBE/14/dsl xx:xx:xx:xx:xx:xx stay online 1 (prop:
default internet)
0: IPv6: off
0: IPv4: native
0: IPv4: connected since 2021-11-29 10:45:30 (setup time 3 secs) (connect
cnt 1)
0: IPv4: disconnect prevention disabled
0: IPv4: ip <SECRET_ip4> mask <SECRET_ip4> gw <SECRET_ip4> dhcp mtu 1500
0: IPv4: masqaddr <SECRET_ip4>

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0: IPv4: dns <SECRET_ip4> <SECRET_ip4>
0: route <SECRET_ip4>/22 protocol iface
0: route <SECRET_ip4>/32 via <SECRET_ip4> protocol dns
0: route <SECRET_ip4>/32 via <SECRET_ip4> protocol dns
0: RX bytes:2137463115673 pkt error:0 discard:0 filtered:163020
dropped:2056
0: RX pkts:1428992318 unicast:1428872236 multicast:0 broadcast:120082
0: TX bytes:33940158546 pkt error:0 discard:0 filtered:0 dropped:151
0: TX pkts:385040506 unicast:385010548 multicast:27210 broadcast:2748

1: name voip (attached)
1: sync_group: sync_cable
1: iface erouter0 RBE/14/dsl xx:xx:xx:xx:xx:xx stay online 1 (voip)
1: IPv6: off
1: IPv4: native
1: IPv4: connected since 2021-11-29 10:45:31 (setup time 4 secs) (connect
cnt 1)
1: IPv4: disconnect prevention disabled
1: IPv4: ip <SECRET_ip4> mask <SECRET_ip4> gw <SECRET_ip4> dhcp mtu 1500
1: IPv4: masqaddr <SECRET_ip4>
1: IPv4: dns <SECRET_ip4> <SECRET_ip4>
1: route <SECRET_ip4>/18 protocol iface
1: route <SECRET_ip4>/32 via <SECRET_ip4> protocol dns
1: route <SECRET_ip4>/32 via <SECRET_ip4> protocol dns
1: RX bytes:58547598 pkt error:0 discard:0 filtered:0 dropped:0
1: RX pkts:358583 unicast:238501 multicast:0 broadcast:120082
1: TX bytes:172839528 pkt error:0 discard:0 filtered:0 dropped:0
1: TX pkts:755809 unicast:754982 multicast:0 broadcast:827

2: name lan0 (attached)
2: sync_group: sync_lan0
2: iface lbr0 RBE/32/dsl xx:xx:xx:xx:xx:xx (local) stay online 1
2: IPv6: off
2: IPv4: native
2: IPv4: connected since 2021-11-29 10:44:37 (setup time 70 secs)
(connect cnt 3)
2: IPv4: disconnect prevention disabled
2: IPv4: ip <SECRET_ip4> mask <SECRET_ip4> gw <SECRET_ip4> mtu 1500
2: IPv4: masqaddr <SECRET_ip4>
2: route <SECRET_ip4>/24 protocol iface
2: RX bytes:0 pkt error:0 discard:0 filtered:0 dropped:0
2: RX pkts:0 unicast:0 multicast:0 broadcast:0
2: TX bytes:0 pkt error:0 discard:0 filtered:0 dropped:0
2: TX pkts:0 unicast:0 multicast:0 broadcast:0
Autodetect:
##### BEGIN SECTION vccs vccs
  0: ether attached (0,0) RBE+PPPoE mcupstream dev erouter0 sync
  1: ether attached (0,0) RBE dev lbr0 sync
##### END SECTION vccs
##### BEGIN SECTION switch extswitch
Extswitch Configuration:
=====

-----| Switch Idx: 0 |-----
      Config valid: 1
      BSD valid: 1
      Capabilities valid: 1

-----| Version |-----
      FW Version: 5.72 Release (0x8548)

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-----| Capabilities |-----
Capabilities flag: EEE PORT_MIRRORING
Max MACs in forwarding table: 2048
Number of ports: 6
Ports:
    Port idx: 0
        Has Phy: FALSE
        Phy Modes: NA
    Port idx: 1
        Has Phy: TRUE
        Phy Modes: 1000_BT_FD 1000_BT_HD 100_BT_X_FD 100_BT_X_HD
10_BT_FD 10_BT_HD
    Port idx: 2
        Has Phy: TRUE
        Phy Modes: 1000_BT_FD 1000_BT_HD 100_BT_X_FD 100_BT_X_HD
10_BT_FD 10_BT_HD
    Port idx: 3
        Has Phy: TRUE
        Phy Modes: 1000_BT_FD 1000_BT_HD 100_BT_X_FD 100_BT_X_HD
10_BT_FD 10_BT_HD
    Port idx: 4
        Has Phy: TRUE
        Phy Modes: 1000_BT_FD 1000_BT_HD 100_BT_X_FD 100_BT_X_HD
10_BT_FD 10_BT_HD
    Port idx: 5
        Has Phy: FALSE
        Phy Modes: NA
```

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-----| Configuration |-----
Switch HW state: ENABLED
Port learning: FALSE
Provider Bridged Mode: TRUE
Service Vlan Tag Tpid: 0x8100
Lan port Vlans:
    Port idx: 1, Vlan Id: 300, PCP: 0 Group: -1 GroupIsLocked
    Port idx: 2, Vlan Id: 400, PCP: 0 Group: -1 GroupIsLocked
    Port idx: 3, Vlan Id: 500, PCP: 0 Group: -1 GroupIsLocked
    Port idx: 4, Vlan Id: 600, PCP: 0 Group: -1 GroupIsLocked
    Port idx: 5, Vlan Id: 1, PCP: 0 Group: -1 GroupIsLocked
Enabled ports mask: 0xff
RGMII delay enabled ports mask: 0x0
IGMP/MLD snooping enabled: FALSE
EEE enabled ports mask: 0x1e
DVT mode ports mask: 0x0
MTU size: 2000
Phy ports provisioned settings:
    Port idx: 1, EEE: AUTONEG, Link sp<SECRET_ip6>
    Port idx: 2, EEE: AUTONEG, Link sp<SECRET_ip6>
    Port idx: 3, EEE: AUTONEG, Link sp<SECRET_ip6>
    Port idx: 4, EEE: AUTONEG, Link sp<SECRET_ip6>
Ports link status:
    Port idx: 1, Link detected: NO, EEE: NA, Link sp<SECRET_ip6>
    Port idx: 2, Link detected: NO, EEE: NA, Link sp<SECRET_ip6>
    Port idx: 3, Link detected: NO, EEE: NA, Link sp<SECRET_ip6>
    Port idx: 4, Link detected: YES, EEE: NO, Link sp<SECRET_ip6>
    Port idx: 5, Link detected: NO, EEE: NA, Link sp<SECRET_ip6>
Port mirroring configuration:
    Src port idx: 0, Dst port idx: 255
    Src port idx: 1, Dst port idx: 255
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Src port idx: 2, Dst port idx: 255
Src port idx: 3, Dst port idx: 255
Src port idx: 4, Dst port idx: 255
Src port idx: 5, Dst port idx: 255
MAC table aging: 5 min

-----| BSD |-----
Gmac Idx: 1
Hw enable gpio pin: 17
Hw reset gpio pin: 19
MDIO bus: 1
MDIO address: 31
Internal port pidx: 4
Internal port mode: HSGMII
Internal port sp<SECRET_ip6>
HAL implementation library: libextswitch_lantiq.so

Extswitch Port 0 (CPU):

=====
Good packets received: 263929619
Bad packets received: 0
Unicast packets received: 258961755
Multicast packets received: 523580
Broadcast packets received: 4444284
Packets transmitted: 81021954
Unicast packets transmitted: 80618432
Multicast packets transmitted: 25202
Broadcast packets transmitted: 378320
Collisions: 0
OctectsIn: 369818099592
OctectsOut: 9732803110
TxAcuDroppedPkts: 0

Extswitch Port 1 (eth0):

=====
Good packets received: 208415
Bad packets received: 0
Unicast packets received: 207628
Multicast packets received: 778
Broadcast packets received: 9
Packets transmitted: 1329220
Unicast packets transmitted: 641545
Multicast packets transmitted: 65970
Broadcast packets transmitted: 621705
Collisions: 0
OctectsIn: 57558713
OctectsOut: 524564397
TxAcuDroppedPkts: 0

Extswitch Port 2 (eth1):

=====
Good packets received: 64639
Bad packets received: 0
Unicast packets received: 64418
Multicast packets received: 213
Broadcast packets received: 8
Packets transmitted: 289203

Unicast packets transmitted: 282588
Multicast packets transmitted: 1053
Broadcast packets transmitted: 5562
Collisions: 0
OctectsIn: 5857637
OctectsOut: 418739650
TxAcuDroppedPkts: 0

Extswitch Port 4 (eth2):

=====

Good packets received: 24495779
Bad packets received: 0
Unicast packets received: 24099681
Multicast packets received: 17814
Broadcast packets received: 378284
Packets transmitted: 35993420
Unicast packets transmitted: 35524061
Multicast packets transmitted: 86095
Broadcast packets transmitted: 383264
Collisions: 0
OctectsIn: 5343069603
OctectsOut: 31802250935
TxAcuDroppedPkts: 714

Extswitch Port 3 (eth3):

=====

Good packets received: 56253130
Bad packets received: 0
Unicast packets received: 56246713
Multicast packets received: 6397
Broadcast packets received: 20
Packets transmitted: 222843887
Unicast packets transmitted: 221657251
Multicast packets transmitted: 109079
Broadcast packets transmitted: 1077557
Collisions: 0
OctectsIn: 4002230534
OctectsOut: 335590202968
TxAcuDroppedPkts: 0

Extswitch MacTable:

=====

MAC Table is dumped. Total entries: 0

```
##### END SECTION switch extswitch
##### BEGIN SECTION upnp_forward UPnP forwardings
--- UPnP Forwardings ---
igdforwardrules:settings/ or igdforwardrules:status/
##### END SECTION upnp_forward
##### BEGIN SECTION port_forwards IPv4 forwardings
--- Active IPv4 Portforwardings ---
internet
IGDPROBE TCP <SECRET_ip4> 9 <SECRET_ip4> 9 "IGDPROBE4"
  allow-only-from <SECRET_ip4>/32:9
ARGO TCP <SECRET_ip4> 55843 <SECRET_ip4> 55843 "argo.TCP.55843"
lan0
voip
VOIP TCP <SECRET_ip4> 5060 <SECRET_ip4> 5060 "VOIP"
```

VOIP UDP <SECRET_ip4> 5060 <SECRET_ip4> 5060 "VOIP"
VOIP UDP <SECRET_ip4> 7078-7097 <SECRET_ip4> 7078-7097 "VOIP"

```
1: lo <LOOPBACK,UP,10000>
  inet <SECRET_ip4>/8
  inet6 ::1/128
15: adp0.555 <BROADCAST,MULTICAST,UP,10000>
  inet <SECRET_ip4>/30 brd <SECRET_ip4>
33: lan <BROADCAST,MULTICAST,ALLMULTI,UP,10000>
  inet <SECRET_ip4>/24 brd <SECRET_ip4>
  inet <SECRET_ip4>/16 brd <SECRET_ip4>
  inet6 <SECRET_ip6>
34: guest <BROADCAST,MULTICAST,ALLMULTI,UP>
  inet <SECRET_ip4>/24 brd <SECRET_ip4>
35: dsl <POINTOPOINT,MULTICAST,NOARP,ALLMULTI,UP,10000>
  inet <SECRET_ip4> dst <SECRET_ip4>/32
broadcast <SECRET_ip4>/32 metric 0 dev lo proto kernel table local
local <SECRET_ip4>/32 metric 0 dev lo proto kernel table local
broadcast <SECRET_ip4>/32 metric 0 dev lo proto kernel table local
broadcast <SECRET_ip4>/32 metric 0 dev lan proto kernel table local
broadcast <SECRET_ip4>/32 metric 0 dev adp0.555 proto kernel table local
local <SECRET_ip4>/32 metric 0 dev lan proto kernel table local
local <SECRET_ip4>/32 metric 0 dev adp0.555 proto kernel table local
broadcast <SECRET_ip4>/32 metric 0 dev adp0.555 proto kernel table local
broadcast <SECRET_ip4>/32 metric 0 dev lan proto kernel table local
broadcast <SECRET_ip4>/32 metric 0 dev lan proto kernel table local
local <SECRET_ip4>/32 metric 0 dev dsl proto kernel table local
local <SECRET_ip4>/32 metric 0 dev lan proto kernel table local
broadcast <SECRET_ip4>/32 metric 0 dev lan proto kernel table local
broadcast <SECRET_ip4>/32 metric 0 dev guest proto kernel table local
local <SECRET_ip4>/32 metric 0 dev guest proto kernel table local
broadcast <SECRET_ip4>/32 metric 0 dev guest proto kernel table local
local <SECRET_ip4>/8 metric 0 dev lo proto kernel table local
<SECRET_ip4>/32 metric 2 dev dsl proto dns table main
<SECRET_ip4>/32 metric 2 dev dsl proto dns table main
<SECRET_ip4>/32 metric 3 dev dsl proto dns table main
<SECRET_ip4>/32 metric 3 dev dsl proto dns table main
<SECRET_ip4>/32 metric 2 dev dsl proto boot table main
<SECRET_ip4>/32 metric 2 dev dsl proto boot table main
<SECRET_ip4>/30 metric 0 dev adp0.555 proto kernel table main
<SECRET_ip4>/24 metric 4 dev dsl proto iface table main
<SECRET_ip4>/24 metric 0 dev lan proto kernel table main
<SECRET_ip4>/24 metric 0 dev guest proto kernel table main
<SECRET_ip4>/22 metric 2 dev dsl proto iface table main
<SECRET_ip4>/18 metric 3 dev dsl proto iface table main
<SECRET_ip4>/16 metric 0 dev lan proto kernel table main
default metric 2 dev dsl proto boot table main
local ::1/128 metric 0 dev lo proto local table local
local <SECRET_ip6>
local <SECRET_ip6>
<SECRET_ip6>
<SECRET_ip6>
unreachable default metric -1 dev lo proto kernel table 0
DVBC0      Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
           UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
           RX packets:0 errors:0 dropped:0 overruns:0 frame:0
           TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
           collisions:0 txqueuelen:1000
           RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)
```

adp0 Link encap:Ethernet HWaddr xx:xx:xx:xx:xx:xx
UP BROADCAST RUNNING MULTICAST MTU:2000 Metric:1
RX packets:277523381 errors:0 dropped:0 overruns:0 frame:0
TX packets:277863769 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:1574465580 (1.4 GiB) TX bytes:1207288834 (1.1 GiB)

adp0.555 Link encap:Ethernet HWaddr xx:xx:xx:xx:xx:xx
inet addr:<SECRET_ip4> Bcast:<SECRET_ip4> Mask:<SECRET_ip4>
UP BROADCAST RUNNING MULTICAST MTU:2000 Metric:1
RX packets:1301997 errors:0 dropped:0 overruns:0 frame:0
TX packets:1328875 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:555704711 (529.9 MiB) TX bytes:103211390 (98.4 MiB)

adsl Link encap:UNSPEC HWaddr XX-XX-XX-XX-XX-XX-XX-XX-00-00-00-00-
00-00-00-00
UP POINTOPOINT RUNNING NOARP MULTICAST MTU:2000 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:32
RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

ath0 Link encap:Ethernet HWaddr xx:xx:xx:xx:xx:xx
UP BROADCAST RUNNING ALLMULTI MULTICAST MTU:1500 Metric:1
RX packets:134028 errors:0 dropped:0 overruns:0 frame:0
TX packets:321499 errors:22 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:31181305 (29.7 MiB) TX bytes:366737262 (349.7 MiB)

ath1 Link encap:Ethernet HWaddr xx:xx:xx:xx:xx:xx
UP BROADCAST RUNNING ALLMULTI MULTICAST MTU:1500 Metric:1
RX packets:1133529 errors:0 dropped:0 overruns:0 frame:0
TX packets:3721935 errors:352 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:241646230 (230.4 MiB) TX bytes:3465834912 (3.2 GiB)

bond0 Link encap:Ethernet HWaddr xx:xx:xx:xx:xx:xx
BROADCAST MASTER MULTICAST MTU:1500 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

cni0 Link encap:Ethernet HWaddr xx:xx:xx:xx:xx:xx
UP BROADCAST RUNNING MULTICAST MTU:1504 Metric:1
RX packets:220126102 errors:0 dropped:0 overruns:0 frame:0
TX packets:56803827 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:4102479818 (3.8 GiB) TX bytes:3927032809 (3.6 GiB)

dsl Link encap:Point-to-Point Protocol
inet addr:<SECRET_ip4> P-t-P:<SECRET_ip4> Mask:<SECRET_ip4>
UP POINTOPOINT RUNNING NOARP ALLMULTI MULTICAST MTU:1500
Metric:1
RX packets:218334414 errors:0 dropped:0 overruns:0 frame:0
TX packets:56527222 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1
RX bytes:163394460 (155.8 MiB) TX bytes:3087374612 (2.8 GiB)

```
dummy0    Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
          BROADCAST NOARP  MTU:1500  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

erouter0  Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
          UP BROADCAST RUNNING PROMISC MULTICAST  MTU:1500  Metric:1
          RX packets:218644877 errors:0 dropped:0 overruns:0 frame:0
          TX packets:56743464 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:329659502617 (307.0 GiB)  TX bytes:3895725994 (3.6
GiB)

erouter0@adp0 Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:56743464 errors:0 dropped:0 overruns:0 frame:0
          TX packets:218644877 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:3895725994 (3.6 GiB)  TX bytes:329659502617 (307.0
GiB)

eth0      Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
          UP BROADCAST RUNNING ALLMULTI MULTICAST  MTU:1500  Metric:1
          RX packets:51816 errors:0 dropped:0 overruns:0 frame:0
          TX packets:1796462 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:5946266 (5.6 MiB)  TX bytes:226683320 (216.1 MiB)

eth1      Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
          UP BROADCAST RUNNING ALLMULTI MULTICAST  MTU:1500  Metric:1
          RX packets:56958 errors:0 dropped:0 overruns:0 frame:0
          TX packets:1991931 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:3122965 (2.9 MiB)  TX bytes:594525925 (566.9 MiB)

eth2      Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
          UP BROADCAST RUNNING ALLMULTI MULTICAST  MTU:1500  Metric:1
          RX packets:763885 errors:0 dropped:0 overruns:0 frame:0
          TX packets:1830413 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:160815479 (153.3 MiB)  TX bytes:207695913 (198.0 MiB)

eth3      Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
          UP BROADCAST RUNNING ALLMULTI MULTICAST  MTU:1500  Metric:1
          RX packets:55629882 errors:0 dropped:0 overruns:0 frame:0
          TX packets:219397019 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:2935579421 (2.7 GiB)  TX bytes:329411494650 (306.7
GiB)

gmac5     Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
          UP BROADCAST RUNNING MULTICAST  MTU:2000  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)
          Interrupt:118 Base address:0x8000
```

```
gre0      Link encap:UNSPEC  HWaddr XX-XX-XX-XX-XX-XX-XX-XX-00-00-00-00-
00-00-00-00
          NOARP  MTU:1476  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

gretap0   Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
          BROADCAST MULTICAST  MTU:1462  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

guest     Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
          inet addr:<SECRET_ip4> Bcast:<SECRET_ip4> Mask:<SECRET_ip4>
          UP BROADCAST ALLMULTI MULTICAST  MTU:1500  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

ing0      Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
          BROADCAST MULTICAST  MTU:1500  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

ip6gre0   Link encap:UNSPEC  HWaddr XX-XX-XX-XX-XX-XX-XX-XX-00-00-00-00-
00-00-00-00
          NOARP  MTU:1448  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

ip6tnl0   Link encap:UNSPEC  HWaddr XX-XX-XX-XX-XX-XX-XX-XX-00-00-00-00-
00-00-00-00
          NOARP  MTU:1452  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

lan       Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
          inet addr:<SECRET_ip4> Bcast:<SECRET_ip4> Mask:<SECRET_ip4>
          inet6 addr: <SECRET_ip6>
          UP BROADCAST RUNNING ALLMULTI MULTICAST  MTU:1500  Metric:1
          RX packets:56690801 errors:0 dropped:0 overruns:0 frame:0
          TX packets:219900887 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:3133460721 (2.9 GiB)  TX bytes:329812186886 (307.1
GiB)

lan:0     Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
          inet addr:<SECRET_ip4> Bcast:<SECRET_ip4> Mask:<SECRET_ip4>
          UP BROADCAST RUNNING ALLMULTI MULTICAST  MTU:1500  Metric:1
```

```
lbr0      Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
UP BROADCAST RUNNING PROMISC MULTICAST  MTU:2000  Metric:1
RX packets:120089 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:6415013 (6.1 MiB)  TX bytes:0 (0.0 B)

lo        Link encap:Local Loopback
inet addr:<SECRET_ip4>  Mask:<SECRET_ip4>
inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING  MTU:65536  Metric:1
RX packets:117462 errors:0 dropped:0 overruns:0 frame:0
TX packets:117462 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1
RX bytes:12277857 (11.7 MiB)  TX bytes:12277857 (11.7 MiB)

mta0      Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
BROADCAST MULTICAST  MTU:1500  Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

mta0@adp0 Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
UP BROADCAST MULTICAST  MTU:1500  Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

netip_subsystem Link encap:UNSPEC  HWaddr XX-XX-XX-XX-XX-XX-XX-XX-00-00-
00-00-00-00-00-00
[NO FLAGS]  MTU:0  Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1
RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

ngmii4    Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
UP BROADCAST RUNNING MULTICAST  MTU:2000  Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)
Interrupt:61

nrgmii2   Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
BROADCAST MULTICAST  MTU:1500  Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)
Interrupt:61 Base address:0xc000

nrgmii3   Link encap:Ethernet  HWaddr xx:xx:xx:xx:xx:xx
UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)
```


Interrupt:61 Base address:0x4000

nsgmii0 Link encap:Ethernet HWaddr xx:xx:xx:xx:xx:xx
BROADCAST MULTICAST MTU:1500 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)
Interrupt:61 Base address:0xc000

nsgmii1 Link encap:Ethernet HWaddr xx:xx:xx:xx:xx:xx
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:56604140 errors:0 dropped:0 overruns:0 frame:0
TX packets:225078261 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:4147204639 (3.8 GiB) TX bytes:694995062 (662.7 MiB)
Interrupt:61 Base address:0x4000

ppp tty Link encap:UNSPEC HWaddr XX-XX-XX-XX-XX-XX-XX-XX-00-00-00-00-00-00-00-00
UP POINTOPOINT RUNNING NOARP MULTICAST MTU:2000 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:32
RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

sit0 Link encap:IPv6-in-IPv4
NOARP MTU:1480 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1
RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

tunl0 Link encap:UNSPEC HWaddr XX-XX-XX-XX-XX-XX-XX-XX-00-00-00-00-00-00-00-00
NOARP MTU:1480 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1
RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

wifi0 Link encap:UNSPEC HWaddr XX-XX-XX-XX-XX-XX-XX-XX-00-00-00-00-00-00-00-00
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:1145119 errors:0 dropped:0 overruns:0 frame:0
TX packets:3722417 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:539
RX bytes:244589815 (233.2 MiB) TX bytes:3322568403 (3.0 GiB)
Interrupt:20

wifi1 Link encap:UNSPEC HWaddr XX-XX-XX-XX-XX-XX-XX-XX-00-00-00-00-00-00-00-00
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:134650 errors:0 dropped:0 overruns:0 frame:0
TX packets:321555 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:539
RX bytes:31284482 (29.8 MiB) TX bytes:353965716 (337.5 MiB)
Interrupt:17

xfrm Link encap:UNSPEC HWaddr XX-XX-XX-XX-XX-XX-XX-XX-00-00-00-00-00-00-00-00
 NOARP MTU:1500 Metric:1
 RX packets:0 errors:0 dropped:0 overruns:0 frame:0
 TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
 collisions:0 txqueuelen:1
 RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

qdisc noqueue 0: dev lo root refcnt 2
 Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
 backlog 0b 0p requeues 0
qdisc pfifo_fast 0: dev adsl root refcnt 2 bands 3 priomap 1 2 2 2 1 2 0
0 1 1 1 1 1 1 1 1
 Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
 backlog 0b 0p requeues 0
qdisc pfifo_fast 0: dev ppptty root refcnt 2 bands 3 priomap 1 2 2 2 1 2
0 0 1 1 1 1 1 1 1
 Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
 backlog 0b 0p requeues 0
qdisc pfifo_fast 0: dev adp0 root refcnt 2 bands 3 priomap 1 2 2 2 1 2 0
0 1 1 1 1 1 1 1 1
 Sent 334372139634 bytes 277863769 pkt (dropped 0, overlimits 0 requeues
0)
 backlog 0b 0p requeues 0
qdisc noqueue 0: dev adp0.555 root refcnt 2
 Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
 backlog 0b 0p requeues 0
qdisc noqueue 0: dev lbr0 root refcnt 2
 Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
 backlog 0b 0p requeues 0
qdisc noqueue 0: dev erouter0 root refcnt 2
 Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
 backlog 0b 0p requeues 0
qdisc noqueue 0: dev erouter0@adp0 root refcnt 2
 Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
 backlog 0b 0p requeues 0
qdisc noqueue 0: dev mta0 root refcnt 2
 Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
 backlog 0b 0p requeues 0
qdisc noqueue 0: dev mta0@adp0 root refcnt 2
 Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
 backlog 0b 0p requeues 0
qdisc pfifo_fast 0: dev gmac5 root refcnt 2 bands 3 priomap 1 2 2 2 1 2
0 0 1 1 1 1 1 1 1
 Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
 backlog 0b 0p requeues 0
qdisc pfifo_fast 0: dev nsgmii0 root refcnt 2 bands 3 priomap 1 2 2 2 1
2 0 0 1 1 1 1 1 1 1
 Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
 backlog 0b 0p requeues 0
qdisc pfifo_fast 0: dev nsgmii1 root refcnt 2 bands 3 priomap 1 2 2 2 1
2 0 0 1 1 1 1 1 1 1
 Sent 330507430208 bytes 225078272 pkt (dropped 0, overlimits 0 requeues
0)
 backlog 0b 0p requeues 0
qdisc pfifo_fast 0: dev nrgmii3 root refcnt 2 bands 3 priomap 1 2 2 2 1
2 0 0 1 1 1 1 1 1 1
 Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
 backlog 0b 0p requeues 0

```

qdisc pfifo_fast 0: dev ngmii4 root refcnt 2 bands 3 priomap  1 2 2 2 1 2
0 0 1 1 1 1 1 1 1 1
  Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0
qdisc pfifo_fast 0: dev cni0 root refcnt 2 bands 3 priomap  1 2 2 2 1 2 0
0 1 1 1 1 1 1 1 1
  Sent 3902495561 bytes 56748635 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0
qdisc noqueue 0: dev eth3 root refcnt 2
  Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0
qdisc noqueue 0: dev eth2 root refcnt 2
  Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0
qdisc noqueue 0: dev eth1 root refcnt 2
  Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0
qdisc noqueue 0: dev eth0 root refcnt 2
  Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0
qdisc pfifo_fast 0: dev DVBC0 root refcnt 2 bands 3 priomap  1 2 2 2 1 2
0 0 1 1 1 1 1 1 1 1
  Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0
qdisc noqueue 0: dev lan root refcnt 2
  Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0
qdisc noqueue 0: dev guest root refcnt 2
  Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0
qdisc noqueue 0: dev dsl root refcnt 2
  Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0
qdisc ingress ffff: dev dsl parent ffff:fff1 -----
  Sent 326580908956 bytes 218334414 pkt (dropped 0, overlimits 0 requeues
0)
  backlog 0b 0p requeues 0
qdisc pfifo_fast 0: dev wifi0 root refcnt 2 bands 3 priomap  1 2 2 2 1 2
0 0 1 1 1 1 1 1 1 1
  Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0
qdisc pfifo_fast 0: dev wifil root refcnt 2 bands 3 priomap  1 2 2 2 1 2
0 0 1 1 1 1 1 1 1 1
  Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0
qdisc noqueue 0: dev ath1 root refcnt 2
  Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0
qdisc noqueue 0: dev ath0 root refcnt 2
  Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
  backlog 0b 0p requeues 0

```

Device adsl:

Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use
<SECRET_ip4> 0	<SECRET_ip4> 0 dsl		<SECRET_ip4>		U	2

```

<SECRET_ip4> <SECRET_ip4> <SECRET_ip4> U 3 0
0 dsl
<SECRET_ip4> <SECRET_ip4> <SECRET_ip4> U 2 0
0 dsl
<SECRET_ip4> <SECRET_ip4> <SECRET_ip4> UH 2 0
0 dsl
<SECRET_ip4> <SECRET_ip4> <SECRET_ip4> UH 2 0 0
dsl
<SECRET_ip4> <SECRET_ip4> <SECRET_ip4> UH 3 0 0
dsl
<SECRET_ip4> <SECRET_ip4> <SECRET_ip4> UH 3 0 0
dsl
<SECRET_ip4> <SECRET_ip4> <SECRET_ip4> U 0 0
0 lan
<SECRET_ip4> <SECRET_ip4> <SECRET_ip4> U 0 0
0 adp0.555
<SECRET_ip4> <SECRET_ip4> <SECRET_ip4> U 4 0
0 dsl
<SECRET_ip4> <SECRET_ip4> <SECRET_ip4> U 0 0
0 lan
<SECRET_ip4> <SECRET_ip4> <SECRET_ip4> U 0 0
0 guest
<SECRET_ip4> <SECRET_ip4> <SECRET_ip4> UH 2 0 0
dsl
<SECRET_ip4> <SECRET_ip4> <SECRET_ip4> UH 2 0 0
dsl

```

Active Internet connections (servers and established)

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State
PID/Program name					
tcp	0	0	<SECRET_ip4>:111	<SECRET_ip4>:*	
LISTEN	1769		/rpcbind		
tcp	0	0	<SECRET_ip4>:111	<SECRET_ip4>:*	
LISTEN	1769		/rpcbind		
tcp	0	0	<SECRET_ip4>:30000	<SECRET_ip4>:*	
LISTEN	3846		/plcd		
tcp	0	0	<SECRET_ip4>:1011	<SECRET_ip4>:*	
LISTEN	4085		/telefon		
tcp	0	0	<SECRET_ip4>:8888	<SECRET_ip4>:*	
LISTEN	4085		/telefon		
tcp	0	0	<SECRET_ip4>:58299	<SECRET_ip4>:*	
LISTEN	1771		/rpc_management		
tcp	0	0	<SECRET_ip4>:10012	<SECRET_ip4>:*	
LISTEN	2440		/avmipcd		
tcp	0	0	<SECRET_ip4>:7358	<SECRET_ip4>:*	
LISTEN	4031		/ptestd		
tcp	0	0	<SECRET_ip4>:50006	<SECRET_ip4>:1011	
ESTABLISHED	-				
tcp	0	0	<SECRET_ip4>:11260	<SECRET_ip4>:53067	
ESTABLISHED	3657		/dsld		
tcp	0	0	<SECRET_ip4>:11205	<SECRET_ip4>:37337	
ESTABLISHED	3733		/deviceinfod		
tcp	0	0	<SECRET_ip4>:42793	<SECRET_ip4>:11270	
ESTABLISHED	2896		/upnpd		
tcp	0	0	<SECRET_ip4>:30000	<SECRET_ip4>:60145	
ESTABLISHED	3846		/plcd		
tcp	0	0	<SECRET_ip4>:11208	<SECRET_ip4>:47403	
ESTABLISHED	2618		/ctlmgr		
tcp	0	0	<SECRET_ip4>:30000	<SECRET_ip4>:42375	
ESTABLISHED	3846		/plcd		

```

tcp          0          0 <SECRET_ip4>:34803      <SECRET_ip4>:10012
ESTABLISHED 2440/avmipcd
tcp          0          0 <SECRET_ip4>:39695      <SECRET_ip4>:11277
ESTABLISHED 2896/upnpd
tcp          0          0 <SECRET_ip4>:47403      <SECRET_ip4>:11208
ESTABLISHED 2896/upnpd
tcp          0          0 <SECRET_ip4>:1011       <SECRET_ip4>:50006
ESTABLISHED 4085/telefon
tcp          0          0 <SECRET_ip4>:53067      <SECRET_ip4>:11260
ESTABLISHED 2896/upnpd
tcp          0          0 <SECRET_ip4>:11277      <SECRET_ip4>:44219
ESTABLISHED 2562/avmnexusd
tcp          0          0 <SECRET_ip4>:42375      <SECRET_ip4>:30000
ESTABLISHED 4118/meshd
tcp          0          0 <SECRET_ip4>:60145      <SECRET_ip4>:30000
ESTABLISHED 2618/ctlmgr
tcp          0          0 <SECRET_ip4>:44219      <SECRET_ip4>:11277
ESTABLISHED 2896/upnpd
tcp          0          0 <SECRET_ip4>:43377      <SECRET_ip4>:10012
TIME_WAIT   -
tcp          0          0 <SECRET_ip4>:11270      <SECRET_ip4>:42793
ESTABLISHED 2592/l2tpv3d
tcp          0          0 <SECRET_ip4>:10012      <SECRET_ip4>:45377
ESTABLISHED 2440/avmipcd
tcp          0          0 <SECRET_ip4>:11277      <SECRET_ip4>:39695
ESTABLISHED 3657/dslld
tcp          0          0 <SECRET_ip4>:37337      <SECRET_ip4>:11205
ESTABLISHED 2896/upnpd
tcp          0          0 :::49200                :::*
LISTEN      2896/upnpd
tcp          0          0 :::80                    :::*
LISTEN      2618/ctlmgr
tcp          0          0 :::8181                  :::*
LISTEN      3528/contfiltd
tcp          0          0 :::53                     :::*
LISTEN      3022/multid
tcp          0          0 :::8182                  :::*
LISTEN      2618/ctlmgr
tcp          0          0 :::8183                  :::*
LISTEN      2618/ctlmgr
tcp          0          0 :::8184                  :::*
LISTEN      2618/ctlmgr
tcp          0          0 :::8089                  :::*
LISTEN      2618/ctlmgr
tcp          0          0 :::8185                  :::*
LISTEN      2618/ctlmgr
tcp          0          0 :::8186                  :::*
LISTEN      2618/ctlmgr
tcp          0          0 :::443                    :::*
LISTEN      2618/ctlmgr
tcp          0          0 :::55843                 :::*
LISTEN      2618/ctlmgr
tcp          0          0 :::49443                 :::*
LISTEN      2896/upnpd
tcp          0          0 :::5060                  :::*
LISTEN      4180/voipd
tcp          0          0 :::42629                 :::*
LISTEN      2618/ctlmgr
tcp          0          0 :::59047                 :::*
LISTEN      2562/avmnexusd

```

```

tcp      0      0 :::49000                :::*
LISTEN   2896/upnpd
tcp      0      0 :::554                  :::*
LISTEN   2492/cableinfo
tcp      0  1198 <<SECRET_ip6>
udp      0      0 <SECRET_ip4>:520        <SECRET_ip4>:*
3657/dsld
udp      0      0 <SECRET_ip4>:67         <SECRET_ip4>:*
3022/multid
udp      0      0 <SECRET_ip4>:111        <SECRET_ip4>:*
1769/rpcbind
udp      0      0 <SECRET_ip4>:111        <SECRET_ip4>:*
1769/rpcbind
udp      0      0 <SECRET_ip4>:123        <SECRET_ip4>:*
8700/chronyd
udp      0      0 <SECRET_ip4>:323        <SECRET_ip4>:*
8700/chronyd
udp      0      0 <SECRET_ip4>:1900       <SECRET_ip4>:*
2896/upnpd
udp      0      0 <SECRET_ip4>:1900       <SECRET_ip4>:*
2896/upnpd
udp      0      0 <SECRET_ip4>:1900       <SECRET_ip4>:*
2618/ctlmgr
udp      0      0 <SECRET_ip4>:1900       <SECRET_ip4>:*
2618/ctlmgr
udp      0      0 <SECRET_ip4>:40838      <SECRET_ip4>:*
2618/ctlmgr
udp      0      0 :::5060                 :::*
4180/voipd
udp      0      0 :::40389                :::*
3022/multid
udp      0      0 :::47571                :::*
3022/multid
udp      0      0 :::59368                :::*
9062/fritznasdb
udp      0      0 :::57335                :::*
3022/multid
udp      0      0 <SECRET_ip6>
udp      0      0 :::46634                :::*
3022/multid
udp      0      0 :::53805                :::*
2562/avmnexusd
udp      0      0 :::41011                :::*
3022/multid
udp      0      0 :::47667                :::*
3022/multid
udp      0      0 :::53                   :::*
3022/multid
udp      0      0 :::42582                :::*
3022/multid
udp      0      0 :::45664                :::*
3657/dsld
udp      0      0 :::40545                :::*
3270/ddnsd
udp      0      0 :::123                  :::*
8700/chronyd
udp      0      0 :::40601                :::*
3022/multid
udp      0      0 :::34979                :::*
2618/ctlmgr

```

```

udp          0          0 :::5351          :::*
3274/pcpd
udp          0          0 :::5353          :::*
3022/multid
udp          0          0 :::5353          :::*
3022/multid
udp          0          0 :::5355          :::*
3022/multid
udp          0          0 :::5355          :::*
3022/multid
udp          0          0 :::60153         :::*
3022/multid
udp          0          0 :::40229         :::*
3022/multid
udp          0          0 :::56106         :::*
3022/multid
udp          0          0 :::44340         :::*
3022/multid
udp          0          0 :::1:323         :::*
8700/chronyd
udp          0          0 :::59214         :::*
3022/multid
udp          0          0 <SECRET_ip6>
udp          0          0 :::1900          :::*
2896/upnpd
udp          0          0 <SECRET_ip6>
udp          0          0 :::1900          :::*
2618/ctlmgr
udp          0          0 :::44916         :::*
3022/multid
udp          0          0 :::46965         :::*
3022/multid
udp          0          0 :::52105         :::*
3022/multid
udp          0          0 :::33678         :::*
3022/multid
udp          0          0 :::47002         :::*
2896/upnpd
udp          0          0 :::7077          :::*
4180/voipd
raw          0          0 <SECRET_ip4>:2  <SECRET_ip4>:*
2          3022/multid
raw          0          0 <SECRET_ip4>:2  <SECRET_ip4>:*
2          3022/multid
raw          0          0 <SECRET_ip4>:2  <SECRET_ip4>:*
2          3022/multid
raw          0          0 <SECRET_ip4>:2  <SECRET_ip4>:*
2          3022/multid
Active UNIX domain sockets (servers and established)
Proto RefCnt Flags          Type          State          I-Node PID/Program name
Path
unix  2          [ ]          DGRAM          6655 2618/ctlmgr
/var/tmp/me_TR064ctl
unix  2          [ ]          DGRAM          6659 2618/ctlmgr
/var/tmp/me_tr064srvctl
unix  2          [ ]          DGRAM          4362 2483/psetd
/var/tmp/me_systemKPIReceiverctl
unix  2          [ ACC ]      STREAM        LISTENING      1294 284/untrusteddd
/var/run/untrusted.ipc

```

unix 2	[ACC]	SEQPACKET	LISTENING	8719	4085/telefon
/var/tmp/tamlua					
unix 2	[ACC]	STREAM	LISTENING	9235	4031/ptestd
/var/tmp/ptestd_pipe					
unix 2	[]	DGRAM		7700	4085/telefon
/var/tmp/tel_ipc					
unix 2	[]	DGRAM		6677	2618/ctlmgr
/var/tmp/me_logic.ctl					
unix 2	[]	DGRAM		7702	4085/telefon
/var/tmp/me_tfa_dtmf.ctl					
unix 2	[]	DGRAM		4375	2492/cableinfo
/var/tmp/me_cableinfo.ctl					
unix 2	[ACC]	STREAM	LISTENING	12314	4118/meshd
/var/tmp/avmnexus_meshd.ctl					
unix 2	[]	DGRAM		12316	4118/meshd
/var/tmp/me__anony4118-949030480.ctl					
unix 2	[ACC]	STREAM	LISTENING	7453	3902/configd
/var/rpc/configd					
unix 2	[]	DGRAM		7713	4085/telefon
/var/tmp/telefon_aha_socket					
unix 2	[]	DGRAM		6694	2618/ctlmgr
/var/tmp/me_meshconfig_client_regevent.ctl					
unix 2	[]	DGRAM		4647	2592/l2tpv3d
/var/tmp/me_L2TPV3.ctl					
unix 2	[]	DGRAM		3879	2592/l2tpv3d
/var/tmp/me_l2tpv3d.ctl					
unix 2	[ACC]	STREAM	LISTENING	6184	2618/ctlmgr
/var/tmp/avmnexus_UpdateCheck.ctl					
unix 2	[ACC]	SEQPACKET	LISTENING	7727	4085/telefon
/var/tmp/foncontrol					
unix 2	[]	DGRAM		6711	2618/ctlmgr
/var/tmp/me_nexus_fon_server.ctl					
unix 2	[]	DGRAM		3896	2618/ctlmgr
/var/tmp/me_ctlmgr-pcp-2597.ctl					
unix 2	[ACC]	STREAM	LISTENING	6716	2618/ctlmgr
/var/tmp/avmnexus_OnTelNexus.ctl					
unix 2	[ACC]	STREAM	LISTENING	6718	2618/ctlmgr
/var/tmp/avmnexus_MeshConfig.ctl					
unix 2	[]	DGRAM		3903	2618/ctlmgr
/var/tmp/me__anony2618-2282168723.ctl					
unix 2	[]	DGRAM		6720	2618/ctlmgr
/var/tmp/me_meshconfig_server_regevent.ctl					
unix 2	[]	DGRAM		3905	2618/ctlmgr
/var/tmp/me_ctlmgr.ctl					
unix 2	[]	DGRAM		6978	3657/dslld
/var/tmp/me_igd.ctl					
unix 2	[ACC]	STREAM	LISTENING	6722	2618/ctlmgr
/var/tmp/avmnexus_Auth.ctl					
unix 2	[ACC]	STREAM	LISTENING	6724	2618/ctlmgr
/var/tmp/avmnexus_RemoteEventlog.ctl					
unix 2	[]	DGRAM		6982	3657/dslld
/var/tmp/me_igd2.ctl					
unix 2	[ACC]	STREAM	LISTENING	6726	2618/ctlmgr
/var/tmp/avmnexus_Fon.ctl					
unix 2	[ACC]	STREAM	LISTENING	5959	3297/wland
/var/tmp/wlancsi_async.socket					
unix 2	[]	DGRAM		7754	4118/meshd
/var/tmp/me_meshd.ctl					
unix 2	[]	DGRAM		3916	2637/vpnd
/var/tmp/me_vpnd.ctl					


```

unix 2 [ ACC ] STREAM LISTENING 3404 1769/rpcbind
/var/run/rpcbind.sock
unix 2 [ ACC ] STREAM LISTENING 1872
764/sec_pm_daemon /tmp/sec_pm_daemon_socket
unix 2 [ ] DGRAM 5972 3657/dslld
/var/tmp/me_dslldctl
unix 2 [ ACC ] SEQPACKET LISTENING 595 375/udev
/run/udev/control
unix 2 [ ACC ] STREAM LISTENING 5975 2562/avmexusd
/var/tmp/avmexusdctl
unix 2 [ ACC ] STREAM LISTENING 8040 2618/ctlmgr
/var/tmp/avmexus_CtlmgrTimerConfigctl
unix 2 [ ACC ] STREAM LISTENING 8048 2618/ctlmgr
/var/rpc/timer_if
unix 2 [ ACC ] STREAM LISTENING 7538 3997/pbd
/var/tmp/pbctrl
unix 2 [ ACC ] STREAM LISTENING 7540 3997/pbd
/var/tmp/pb_event
unix 2 [ ] DGRAM 7542 3997/pbd
/var/tmp/pbmsg
unix 2 [ ] DGRAM 5238 3022/multid
/var/tmp/me_multid-pcp-3022ctl
unix 2 [ ACC ] STREAM LISTENING 558201 2618/ctlmgr
/var/tmp/wlancsi_listener_a3a6df5ea403e14a305bc71e.socket
unix 2 [ ACC ] STREAM LISTENING 11130 4118/meshd
/var/tmp/wlancsi_listener_1016697f4880602c619790.socket
unix 2 [ ] DGRAM 14459 8700/chronyd
/var/run/chrony/chronyd.sock
unix 2 [ ACC ] STREAM LISTENING 6014 3022/multid
/var/tmp/avmexus_NetworkDevicesctl
unix 2 [ ACC ] STREAM LISTENING 4480 2618/ctlmgr
/var/rpc/ctlmgr_plugin
unix 2 [ ] DGRAM 8580 3843/aha
/var/tmp/me_AHAKPIReceiverctl
unix 2 [ ACC ] STREAM LISTENING 3718 2452/boxnotifyd
/var/tmp/boxnotify
unix 2 [ ] DGRAM 3720 2452/boxnotifyd
/var/tmp/notifyd_msg
unix 2 [ ] DGRAM 13705 2618/ctlmgr
/var/tmp/me_cr_handler_provctl
unix 2 [ ] DGRAM 6281 2618/ctlmgr
/var/tmp/me_DECTKPIReceiverctl
unix 2 [ ACC ] STREAM LISTENING 7563 3997/pbd
/var/tmp/avmexus_Phonebookctl
unix 2 [ ACC ] STREAM LISTENING 7565 3997/pbd
/var/tmp/avmexus_PhonebookEventctl
unix 2 [ ] DGRAM 9103 4325/voipkpid
/var/tmp/me__anony4325-3061935355ctl
unix 2 [ ] DGRAM 6287 3657/dslld
/var/tmp/me_dslld-pcp-3299ctl
unix 2 [ ] DGRAM 3732 2492/cableinfo
/var/tmp/me_dvbifctl
unix 2 [ ACC ] STREAM LISTENING 6297 2562/avmexusd
/var/tmp/avmexusd_cfgctl
unix 2 [ ] DGRAM 6300 2562/avmexusd
/var/tmp/me_avmexusdescctl
unix 2 [ ] DGRAM 10910 4999/hostapd
/var/run/hostapd/ath0
unix 2 [ ACC ] STREAM LISTENING 6818 2618/ctlmgr
/var/tmp/avmexus_Mailerctl

```

```

unix 2 [ ] DGRAM 6308 2618/ctlmgr
/var/tmp/me_dhcpv6info.ctl
unix 2 [ ] DGRAM 9637 4999/hostapd
/var/run/hostapd/global
unix 2 [ ] DGRAM 6311 2618/ctlmgr
/var/tmp/me_usbinfod.ctl
unix 2 [ ACC ] STREAM LISTENING 6059 2452/boxnotifyd
/var/tmp/avmnexus_boxnotify.ctl
unix 2 [ ] DGRAM 9644
5011/wpa_supplicant /var/run/wpa_supplicant/global
unix 2 [ ] DGRAM 6316 2618/ctlmgr
/var/tmp/me_kpi_name_receiver.ctl
unix 2 [ ACC ] STREAM LISTENING 9647 3297/wland
/var/tmp/avmnexus_WLANConfigMaster.ctl
unix 2 [ ] DGRAM 5808 3270/ddnsd
/var/tmp/me_ddnsd.ctl
unix 2 [ ACC ] STREAM LISTENING 9649 3297/wland
/var/tmp/avmnexus_WLANStationExchangeMaster.ctl
unix 2 [ ] DGRAM 8371
3748/pumaupdatetrac /var/tmp/me_pumaupdatetrace.ctl
unix 2 [ ] DGRAM 6323 2618/ctlmgr
/var/tmp/me_ctlmgrtimer.ctl
unix 2 [ ] DGRAM 3766 2562/avmnexusd
/var/tmp/me_avmnexusd.ctl
unix 2 [ ACC ] STREAM LISTENING 7607 3843/aha
/var/tmp/homeauto
unix 2 [ ] DGRAM 16056 9062/fritznasdb
/var/tmp/me_fritznasdb.ctl
unix 2 [ ACC ] STREAM LISTENING 13497 3843/aha
/var/tmp/avmnexus_aha::ep::oldapi.ctl
unix 2 [ ] DGRAM 6080 3526/usermand
/var/tmp/me_usermand.ctl
unix 2 [ ] DGRAM 6082 3526/usermand
/var/tmp/me__anony3515-1528443969.ctl
unix 2 [ ] DGRAM 7366 3733/deviceinfod
/var/tmp/me_deviceinfod.ctl
unix 2 [ ] DGRAM 7375 3733/deviceinfod
/var/tmp/me_upnpfboxdesc.ctl
unix 2 [ ] DGRAM 9938 2896/upnpd
/var/tmp/me_upnpd.ctl
unix 2 [ ] DGRAM 9940 2896/upnpd
/var/tmp/me_upnpd_stream.ctl
unix 2 [ ] DGRAM 5844 3274/pcpd
/var/tmp/me_pcpd.ctl
unix 2 [ ACC ] STREAM LISTENING 7381 3733/deviceinfod
/var/tmp/avmnexus_MacList.ctl
unix 2 [ ] DGRAM 5847 3274/pcpd
/var/tmp/me_pcpd-pcp-3274.ctl
unix 2 [ ] DGRAM 4069 3022/multid
/var/tmp/me_multid.ctl
unix 2 [ ] DGRAM 4325 2440/avmipcd
/var/tmp/me_remote.ctl
unix 2 [ ] DGRAM 3045
1766/extswitch_watc /var/tmp/me_extswitch_watch.ctl
unix 2 [ ] DGRAM 4327 2440/avmipcd
/var/tmp/me_avmipcd.ctl
unix 2 [ ACC ] STREAM LISTENING 6120 2618/ctlmgr
/var/tmp/wlancsi_listener_a3a6df5ea40467741e89.socket
unix 2 [ ] DGRAM 6632 2618/ctlmgr
/var/tmp/me__anony2618-4059619010.ctl

```

unix	2	[ACC]	STREAM	LISTENING	1256	199/supervisor
/tmp/supervisor.ctrl.socket						
unix	2	[]	DGRAM		4330	2440/avmipc
/var/tmp/me_avmipc_state.ctl						
unix	2	[ACC]	STREAM	LISTENING	1258	199/supervisor
/tmp/supervisor.notify.socket						
unix	2	[ACC]	SEQPACKET	LISTENING	7659	3843/aha
/var/tmp/me_avm_home_external.ctl						
unix	2	[]	DGRAM		4589	2618/ctlmgr
/var/tmp/me_WLAN_LIB_NEXUS.ctl						
unix	2	[]	DGRAM		8431	3844/kpid
/var/tmp/me_kpid.ctl						
unix	2	[ACC]	STREAM	LISTENING	1776	521/acpid
/var/run/acpid.socket						
unix	2	[]	DGRAM		6648	2618/ctlmgr
/var/tmp/me_TR069_AVM_CLIENT.ctl						
unix	2	[]	DGRAM		6650	2618/ctlmgr
/var/tmp/me_KPI.ctl						
unix	2	[]	DGRAM		3066	1774/atom_pucd
/var/tmp/me_atom_pucd.ctl						
unix	2	[]	DGRAM		9979	4999/hostapd
/var/run/hostapd/ath1						
unix	2	[]	DGRAM		8958	4180/voipd
/var/tmp/me_voipd.ctl						
unix	3	[]	STREAM	CONNECTED	8037	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	10399	3297/wland
unix	3	[]	STREAM	CONNECTED	8030	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	6638	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	9407	4085/telefon
unix	3	[]	STREAM	CONNECTED	7717	4085/telefon
unix	3	[]	STREAM	CONNECTED	13302	3843/aha
unix	3	[]	STREAM	CONNECTED	7761	4118/meshd
unix	3	[]	STREAM	CONNECTED	16055	9062/fritznasdb
unix	3	[]	STREAM	CONNECTED	9091	3902/configd
/var/rpc/configd						
unix	3	[]	STREAM	CONNECTED	7765	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	7762	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	13304	3997/pbd
/var/tmp/pb_event						
unix	3	[]	STREAM	CONNECTED	8363	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	9080	3997/pbd
/var/tmp/pbctrl						
unix	3	[]	STREAM	CONNECTED	6697	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	13840	4085/telefon
unix	3	[]	STREAM	CONNECTED	8357	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	6816	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	13303	3997/pbd
/var/tmp/pbctrl						
unix	3	[]	STREAM	CONNECTED	6001	2452/boxnotifyd
/var/tmp/boxnotify						
unix	3	[]	STREAM	CONNECTED	8038	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	7764	4118/meshd
unix	3	[]	STREAM	CONNECTED	6699	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	7380	3733/deviceinfod

unix	3	[]	STREAM	CONNECTED	558200	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	14379	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	7383	3733/deviceinfod
/var/tmp/avmnexus_MacList.ctl						
unix	3	[]	STREAM	CONNECTED	6815	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	6804	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	6803	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	6002	2452/boxnotifyd
/var/tmp/boxnotify						
unix	3	[]	STREAM	CONNECTED	6812	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	6808	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	5994	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	6058	2452/boxnotifyd
unix	3	[]	STREAM	CONNECTED	6811	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	6714	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	7544	3997/pbd
unix	3	[]	STREAM	CONNECTED	14376	2618/ctlmgr
/var/rpc/timer_if						
unix	3	[]	STREAM	CONNECTED	9508	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	9081	3997/pbd
/var/tmp/pb_event						
unix	3	[]	STREAM	CONNECTED	6692	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	6810	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	DGRAM		602	375/udev
unix	3	[]	STREAM	CONNECTED	6013	3022/multid
unix	3	[]	STREAM	CONNECTED	11129	4118/meshd
unix	3	[]	STREAM	CONNECTED	8929	2452/boxnotifyd
/var/tmp/boxnotify						
unix	3	[]	STREAM	CONNECTED	1960209	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	7716	4085/telefon
unix	3	[]	STREAM	CONNECTED	8566	3843/aha
unix	3	[]	STREAM	CONNECTED	9511	2618/ctlmgr
/var/rpc/timer_if						
unix	3	[]	STREAM	CONNECTED	7719	3997/pbd
/var/tmp/pb_event						
unix	3	[]	STREAM	CONNECTED	6809	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	8692	3843/aha
unix	3	[]	STREAM	CONNECTED	6679	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	10407	3297/wland
unix	3	[]	STREAM	CONNECTED	8567	3843/aha
/var/tmp/homeauto						
unix	3	[]	STREAM	CONNECTED	6709	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	11723	3297/wland
/var/tmp/wlancsi_async.socket						
unix	3	[]	STREAM	CONNECTED	6733	2562/avmnexusd
/var/tmp/avmnexusd.ctl						
unix	3	[]	STREAM	CONNECTED	6680	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	5992	2562/avmnexusd
/var/tmp/avmnexusd_cfg.ctl						
unix	3	[]	STREAM	CONNECTED	7991	2618/ctlmgr
unix	3	[]	STREAM	CONNECTED	7781	3022/multid
/var/tmp/avmnexus_NetworkDevices.ctl						

```

unix 3 [ ] STREAM CONNECTED 6807 2618/ctlmgr
unix 3 [ ] STREAM CONNECTED 8928 4180/voipd
unix 3 [ ] DGRAM 601 375/udev
unix 3 [ ] STREAM CONNECTED 558203 2618/ctlmgr
/var/tmp/wlancsi_listener_a3a6df5ea403e14a305bc71e.socket
unix 3 [ ] STREAM CONNECTED 13886 3526/usermand
unix 3 [ ] STREAM CONNECTED 558033 3297/wland
unix 3 [ ] STREAM CONNECTED 7718 3997/pbd
/var/tmp/pbctrl
unix 3 [ ] STREAM CONNECTED 6708 2618/ctlmgr
unix 3 [ ] STREAM CONNECTED 6696 2618/ctlmgr
unix 3 [ ] STREAM CONNECTED 8693 2562/avmnexusd
/var/tmp/avmnexusdctl
unix 3 [ ] STREAM CONNECTED 9510 2618/ctlmgr
/var/rpc/timer_if
unix 3 [ ] STREAM CONNECTED 7780 4118/meshd
unix 3 [ ] STREAM CONNECTED 6713 2618/ctlmgr
unix 3 [ ] STREAM CONNECTED 14380 2562/avmnexusd
/var/tmp/avmnexusd_cfgctl
unix 3 [ ] STREAM CONNECTED 13838 2452/boxnotifyd
/var/tmp/boxnotify
unix 3 [ ] STREAM CONNECTED 13839 4085/telefon
unix 3 [ ] STREAM CONNECTED 1960241 18214/sh
unix 3 [ ] STREAM CONNECTED 6119 2618/ctlmgr
unix 3 [ ] STREAM CONNECTED 9627 2618/ctlmgr
/var/tmp/wlancsi_listener_a3a6df5ea40467741e89.socket
unix 3 [ ] STREAM CONNECTED 6700 2562/avmnexusd
/var/tmp/avmnexusdctl
unix 3 [ ] STREAM CONNECTED 6805 2618/ctlmgr
unix 3 [ ] STREAM CONNECTED 11724 3297/wland
unix 2 [ ] STREAM CONNECTED 10406 4999/hostapd
/var/tmp/wlancsi_async.socket
unix 3 [ ] STREAM CONNECTED 10400 2562/avmnexusd
/var/tmp/avmnexusdctl
unix 3 [ ] STREAM CONNECTED 6793 2562/avmnexusd
/var/tmp/avmnexusdctl
unix 3 [ ] STREAM CONNECTED 6635 2618/ctlmgr
unix 3 [ ] STREAM CONNECTED 1960240 2618/ctlmgr
unix 3 [ ] STREAM CONNECTED 11132 4118/meshd
/var/tmp/wlancsi_listener_1016697f4880602c619790.socket
unix 3 [ ] STREAM CONNECTED 10402 3297/wland
/var/tmp/wlancsi_async.socket
unix 3 [ ] STREAM CONNECTED 6691 2618/ctlmgr
unix 3 [ ] STREAM CONNECTED 6814 2562/avmnexusd
/var/tmp/avmnexusdctl
unix 3 [ ] STREAM CONNECTED 1961020 2562/avmnexusd
/var/tmp/avmnexusdctl
unix 3 [ ] STREAM CONNECTED 7545 2562/avmnexusd
/var/tmp/avmnexusdctl
unix 3 [ ] STREAM CONNECTED 16579 3902/configd
/var/rpc/configd
unix 3 [ ] STREAM CONNECTED 558032 3297/wland
/var/tmp/wlancsi_async.socket
unix 3 [ ] STREAM CONNECTED 7992 2618/ctlmgr
IP address HW type Flags HW address Mask
Device
<SECRET_ip4> 0x1 0x0 xx:xx:xx:xx:xx:xx *
lan
<SECRET_ip4> 0x1 0x0 xx:xx:xx:xx:xx:xx * lan
<SECRET_ip4> 0x1 0x0 xx:xx:xx:xx:xx:xx * lan

```

```

<SECRET_ip4> 0x1      0x2      xx:xx:xx:xx:xx:xx  *      lan
<SECRET_ip4> 0x1      0x0      xx:xx:xx:xx:xx:xx  *      lan
<SECRET_ip4> 0x1      0x0      xx:xx:xx:xx:xx:xx  *      lan
<SECRET_ip4> 0x1      0x2      xx:xx:xx:xx:xx:xx  *      lan
<SECRET_ip4> 0x1      0x2      xx:xx:xx:xx:xx:xx  *      lan
<SECRET_ip4> 0x1      0x0      xx:xx:xx:xx:xx:xx  *      lan
<SECRET_ip4> 0x1      0x0      xx:xx:xx:xx:xx:xx  *      lan
<SECRET_ip4> 0x1      0x0      xx:xx:xx:xx:xx:xx  *      lan
<SECRET_ip4> 0x1      0x2      xx:xx:xx:xx:xx:xx  *      lan
<SECRET_ip4> 0x1      0x0      xx:xx:xx:xx:xx:xx  *      lan
<SECRET_ip4>      0x1      0x2      xx:xx:xx:xx:xx:xx  *
adp0.555
<SECRET_ip4> 0x1      0x0      xx:xx:xx:xx:xx:xx  *      lan
<SECRET_ip4> 0x1      0x0      xx:xx:xx:xx:xx:xx  *      lan

```

etherarp internet:

```

<SECRET_ip4> reachable xx:xx:xx:xx:xx:xx inuse 2 router gateway, timeout
in 83 secs

```

etherarp lan0:

etherarp voip:

```

<SECRET_ip4> reachable xx:xx:xx:xx:xx:xx inuse 2 router gateway, timeout
in 260 secs

```

END SECTION port_forwards

BEGIN SECTION showportsopentolan

showportsopentolan:

```

-----
Address                                     | Protocol | Process
-----
-----
<SECRET_ip4>:520                           | UDP      | dsld
<SECRET_ip4>:67                             | UDP      | multid
<SECRET_ip4>:123                            | UDP      | /sbin/chronyd
<SECRET_ip4>:1900                           | UDP      | upnpd
<SECRET_ip4>:1900                           | UDP      | upnpd
<SECRET_ip4>:1900                           | UDP      | ctlmgr
<SECRET_ip4>:1900                           | UDP      | ctlmgr
<SECRET_ip4>:40838                          | UDP      | ctlmgr
[::]:40389                                  | UDP      | multid
[::]:47571                                  | UDP      | multid
[::]:59368                                  | UDP      | /sbin/fritznasdb
[::]:57335                                  | UDP      | multid
[<SECRET_ip6>
[::]:46634                                  | UDP      | multid
[::]:53805                                  | UDP      | avmnexusd
[::]:41011                                  | UDP      | multid
[::]:47667                                  | UDP      | multid
[::]:42582                                  | UDP      | multid
[::]:45664                                  | UDP      | dsld
[::]:40545                                  | UDP      | ddnsd
[::]:123                                    | UDP      | /sbin/chronyd
[::]:40601                                  | UDP      | multid
[::]:34979                                  | UDP      | ctlmgr
[::]:5351                                   | UDP      | pcpd
[::]:5353                                   | UDP      | multid
[::]:5355                                   | UDP      | multid
[::]:60153                                  | UDP      | multid
[::]:40229                                  | UDP      | multid
[::]:56106                                  | UDP      | multid
[::]:44340                                  | UDP      | multid
[::]:59214                                  | UDP      | multid
[<SECRET_ip6>

```

[::]:1900	UDP	upnpd
[<SECRET_ip6>]:1900	UDP	ctlmgr
[::]:44916	UDP	multid
[::]:46965	UDP	multid
[::]:52105	UDP	multid
[::]:33678	UDP	multid
[::]:47002	UDP	upnpd
[::]:7077	UDP	voipd
<SECRET_ip4>:111	TCP	rpcbind
<SECRET_ip4>:58299	TCP	
rpc_management_server		
<SECRET_ip4>:10012	TCP	/bin/avmipcd
<SECRET_ip4>:7358	TCP	/usr/bin/ptestd
[::]:49200	TCP	upnpd
[::]:80	TCP	ctlmgr
[::]:8181	TCP	confiltd
[::]:53	TCP	multid
[::]:8182	TCP	ctlmgr
[::]:8183	TCP	ctlmgr
[::]:8184	TCP	ctlmgr
[::]:8089	TCP	ctlmgr
[::]:8185	TCP	ctlmgr
[::]:8186	TCP	ctlmgr
[::]:443	TCP	ctlmgr
[::]:55843	TCP	ctlmgr
[::]:49443	TCP	upnpd
[::]:5060	TCP	voipd
[::]:42629	TCP	ctlmgr
[::]:59047	TCP	avmnexusd
[::]:49000	TCP	upnpd
[::]:554	TCP	cableinfo

```

##### END SECTION showportsopentolan
##### BEGIN SECTION ripv2
ripv2 internet:
receiver_enabled: 1
snd_auth: 2
snd_keyid: 124
snd_sequence: 27202
snd_routes_count: 1
update_timer: 30 secs
family 2 <SECRET_ip4> <SECRET_ip4> via <SECRET_ip4> metric 1 tag 0
ripv2 lan0:
receiver_enabled: 0
snd_auth: 0
snd_keyid: 0
snd_sequence: 0
snd_routes_count: 0
update_timer: 30 secs
ripv2 voip:
receiver_enabled: 0
snd_auth: 0
snd_keyid: 0
snd_sequence: 0
snd_routes_count: 0
update_timer: 30 secs
##### END SECTION ripv2
##### BEGIN SECTION dpfilter4

```

```

internet:
SIP: off(lan), 0/0 pkts filtered
SMTP: off(lan/local), 0/0 pkts filtered
lan0:
SIP: off(lan), 0/0 pkts filtered
SMTP: off(lan/local), 0/0 pkts filtered
voip:
SIP: off(lan), 0/0 pkts filtered
SMTP: off(lan/local), 0/0 pkts filtered
##### END SECTION dpfilter4
##### BEGIN SECTION port_forwards_v6 IPv6 forwardings
--- Active IPv6 Portforwardings ---
internet
cat: can't open '/proc/kdsld/dsliface/internet/ip6_ct/openports': No such
file or directory
lan0
cat: can't open '/proc/kdsld/dsliface/lan0/ip6_ct/openports': No such
file or directory
voip
cat: can't open '/proc/kdsld/dsliface/voip/ip6_ct/openports': No such
file or directory
##### END SECTION port_forwards_v6
##### BEGIN SECTION dpfilter6
##### END SECTION dpfilter6
##### BEGIN SECTION resolve resolve.conf
resolv.conf:
nameserver <SECRET_ip4>
##### END SECTION resolve
##### BEGIN SECTION avm_resolve avm-resolve.conf
avm-resolv.conf:
nameserver <SECRET_ip4>
nameserver <SECRET_ip4>
##### END SECTION avm_resolve
##### BEGIN SECTION dyndns DynDNS
dyndns
-rw-r--r-- 1 root root 15551 Dec 8 04:01
/var/tmp/ddnslog_1.txt
ddnslog_1.txt:
[1970-01-01 01:01:07 v4 argo dbg]: ep=0x6ab36000 ddns_add_account:5135
offline -> [offline]
[1970-01-01 01:01:08 v4 argo dbg]: ep=0x6ab36000 reset_account:975
offline -> [offline]
[1970-01-01 01:01:08 v4 argo dbg]: ep=0x6ab36000 ddns_second:4626 offline
-> [offline]
[1970-01-01 01:02:04 dbg]: ##### IPv4-Only WAN connection. #####
[1970-01-01 01:02:04 v4 argo dbg]: ep=0x6ab36000 reset_account:975
offline -> [offline]
[1970-01-01 01:02:05 dbg]: v4 new connected
[1970-01-01 01:02:05 dbg]: !!! NEW IPv4 CONNECTION !!!
[1970-01-01 01:02:05 v4 argo dbg]: [ddns_update]: offline (<SECRET_ip4>)
[1970-01-01 01:02:05 v4 argo dbg]: SET v4 (<SECRET_ip4>)
[1970-01-01 01:02:05 v4 argo dbg]: v4-entry is Updater.
[1970-01-01 01:02:05 v4 argo dbg]: Updater is running (now).
[1970-01-01 01:02:05 v4 argo dbg]: starting update (argo) [update_v6_addr
0] {<SECRET_ip4>}
[1970-01-01 01:02:05 v4 argo dbg]: ep=0x6ab36000 do_connect_:2695 offline
-> [updating]
[1970-01-01 01:03:25 v4 argo dbg]: ep=0x6ab36000 ddns_connectfailed:3888
updating -> [updating]

```



```
[1970-01-01 01:03:25 v4 argo dbg]: ddns_connectfailed (3). cerr 3 (reason
1)
[1970-01-01 01:03:25 v4 argo dbg]: connector aborted
[1970-01-01 01:03:25 v4 argo dbg]: ep=0x6ab36000 reset_account:975
updating -> [offline]
[1970-01-01 01:03:25 v4 argo dbg]: Start retry in 1 secs (restart(s) 1).
(connect failed)
[1970-01-01 01:03:27 v4 argo dbg]: starting update (update needed 4
(ddns_both_together)) [update_v6_addr 0] {<SECRET_ip4>}
[1970-01-01 01:03:27 v4 argo dbg]: ep=0x6ab36000 do_connect_:2695 offline
-> [updating]
[1970-01-01 01:03:27 v4 argo dbg]: ep=0x6ab36000 do_connect_:2695
updating -> [updating]
[1970-01-01 01:03:27 v4 argo dbg]: ep=0x6ab36000
ddns_finish_without_verify:2941 updating -> [complete]
[1970-01-01 01:03:27 v4 argo dbg]: updated <SECRET_ip4>
[2021-11-29 19:58:45 v4 avm dbg]: ep=0x6ab36a00 ddns_add_account:5135
offline -> [offline]
[2021-11-29 19:58:45 v4 argo dbg]: ep=0x6ab36e00 ddns_add_account:5135
offline -> [offline]
[2021-11-29 19:58:45 v4 avm dbg]: [ddns_update]: offline (<SECRET_ip4>)
[2021-11-29 19:58:45 v4 avm dbg]: ep=0x6ab36a00 ddns_update:4283 offline
-> [checking]
[2021-11-29 19:58:45 v4 argo dbg]: [ddns_update]: offline (<SECRET_ip4>)
[2021-11-29 19:58:45 v4 argo dbg]: SET v4 (<SECRET_ip4>)
[2021-11-29 19:58:45 v4 argo dbg]: v4-entry is Updater.
[2021-11-29 19:58:45 v4 argo dbg]: Updater is running (now).
[2021-11-29 19:58:45 v4 argo dbg]: starting update (argo) [update_v6_addr
0] {<SECRET_ip4>}
[2021-11-29 19:58:45 v4 argo dbg]: ep=0x6ab36e00 do_connect_:2695 offline
-> [updating]
[2021-11-29 19:58:45 v4 avm dbg]: SET v4 (<SECRET_ip4>)
[2021-11-29 19:58:45 v4 avm dbg]: v4-entry is Updater.
[2021-11-29 19:58:45 v4 avm dbg]: Updater is running (now).
[2021-11-29 19:58:45 v4 avm dbg]: starting update (avm initial)
[update_v6_addr 0] {<SECRET_ip4>}
[2021-11-29 19:58:45 v4 avm dbg]: ep=0x6ab36a00 do_connect:2919 checking
-> [getting-token]
[2021-11-29 19:58:45 v4 avm dbg]: connect: wait for token [getting-token]
[2021-11-29 19:58:45 v4 avm dbg]: got token: (status:
oauth=not_configured ep=[getting-token])
[2021-11-29 19:58:45 v4 avm dbg]: ep=0x6ab36a00
liboauth_get_token_cb:2777 getting-token -> [checking]
[2021-11-29 19:58:45 v4 avm dbg]: ep=0x6ab36a00 reset_account:975
checking -> [offline]
[2021-11-29 19:58:45 v4 avm dbg]: Start retry in 60 secs (restart(s) 1).
(oauth2 failed)
[2021-11-29 19:58:45 v4 argo dbg]: ep=0x6ab36e00 do_connect_:2695
updating -> [updating]
[2021-11-29 19:58:45 v4 argo dbg]: ep=0x6ab36e00
ddns_finish_without_verify:2941 updating -> [complete]
[2021-11-29 19:58:45 v4 argo dbg]: updated <SECRET_ip4>
[2021-11-29 19:59:46 v4 avm dbg]: starting update (update needed 4
(ddns_both_together)) [update_v6_addr 0] {<SECRET_ip4>}
[2021-11-29 19:59:46 v4 avm dbg]: ep=0x6ab36a00 do_connect:2919 offline -
> [getting-token]
[2021-11-29 19:59:46 v4 avm dbg]: connect: wait for token [getting-token]
[2021-11-29 19:59:47 v4 avm dbg]: got token: (status: oauth=ok
ep=[getting-token])
```

```
[2021-11-29 19:59:47 v4 avm dbg]: ep=0x6ab36a00
liboauth_get_token_cb:2777 getting-token -> [checking]
[2021-11-29 19:59:47 v4 avm dbg]: ep=0x6ab36a00 do_connect_:2695 checking
-> [updating]
[2021-11-29 19:59:50 v4 avm dbg]: ep=0x6ab36a00 ddns_clos<SECRET_ip6>
[2021-11-29 19:59:50 v4 avm dbg]: verify handle 1789985008 (delay 90)
[2021-11-29 20:01:20 v4 avm dbg]: dns_handle created 0x6ab63440 for
<SECRET_ip4>
[2021-11-29 20:01:20 v4 avm dbg]: ddns_verify_complete mit dns->handle
0x6ab63440
[2021-11-29 20:01:20 v4 avm dbg]: ep=0x6ab36a00 ddns_verify_complete:1939
updated -> [complete]
[2021-11-29 20:01:20 v4 avm dbg]: verified <SECRET_ip4>
[2021-11-30 20:59:49 v4 avm dbg]: [ddns_update]: complete (<SECRET_ip4>)
[2021-11-30 20:59:49 v4 avm dbg]: ep=0x6ab36a00 ddns_update:4283 complete
-> [checking]
[2021-11-30 20:59:49 v4 avm dbg]: SET v4 (<SECRET_ip4>)
[2021-11-30 20:59:49 v4 avm dbg]: v4-entry is Updater.
[2021-11-30 20:59:49 v4 avm dbg]: Updater is running (now).
[2021-11-30 20:59:49 v4 avm dbg]: starting update (refresh needed)
[update_v6_addr 0] {<SECRET_ip4>}
[2021-11-30 20:59:49 v4 avm dbg]: ep=0x6ab36a00 do_connect:2919 checking
-> [getting-token]
[2021-11-30 20:59:49 v4 avm dbg]: connect: wait for token [getting-token]
[2021-11-30 20:59:50 v4 avm dbg]: got token: (status: oauth=ok
ep=[getting-token])
[2021-11-30 20:59:50 v4 avm dbg]: ep=0x6ab36a00
liboauth_get_token_cb:2777 getting-token -> [checking]
[2021-11-30 20:59:50 v4 avm dbg]: ep=0x6ab36a00 do_connect_:2695 checking
-> [updating]
[2021-11-30 20:59:53 v4 avm dbg]: ep=0x6ab36a00 ddns_clos<SECRET_ip6>
[2021-11-30 20:59:53 v4 avm dbg]: verify handle 1789985008 (delay 90)
[2021-11-30 21:01:23 v4 avm dbg]: dns_handle created 0x6ab632c0 for
<SECRET_ip4>
[2021-11-30 21:01:23 v4 avm dbg]: ddns_verify_complete mit dns->handle
0x6ab632c0
[2021-11-30 21:01:23 v4 avm dbg]: ep=0x6ab36a00 ddns_verify_complete:1939
updated -> [complete]
[2021-11-30 21:01:23 v4 avm dbg]: verified <SECRET_ip4>
[2021-12-01 21:59:52 v4 avm dbg]: [ddns_update]: complete (<SECRET_ip4>)
[2021-12-01 21:59:52 v4 avm dbg]: ep=0x6ab36a00 ddns_update:4283 complete
-> [checking]
[2021-12-01 21:59:52 v4 avm dbg]: SET v4 (<SECRET_ip4>)
[2021-12-01 21:59:52 v4 avm dbg]: v4-entry is Updater.
[2021-12-01 21:59:52 v4 avm dbg]: Updater is running (now).
[2021-12-01 21:59:52 v4 avm dbg]: starting update (refresh needed)
[update_v6_addr 0] {<SECRET_ip4>}
[2021-12-01 21:59:52 v4 avm dbg]: ep=0x6ab36a00 do_connect:2919 checking
-> [getting-token]
[2021-12-01 21:59:52 v4 avm dbg]: connect: wait for token [getting-token]
[2021-12-01 21:59:53 v4 avm dbg]: got token: (status: oauth=ok
ep=[getting-token])
[2021-12-01 21:59:53 v4 avm dbg]: ep=0x6ab36a00
liboauth_get_token_cb:2777 getting-token -> [checking]
[2021-12-01 21:59:53 v4 avm dbg]: ep=0x6ab36a00 do_connect_:2695 checking
-> [updating]
[2021-12-01 21:59:56 v4 avm dbg]: ep=0x6ab36a00 ddns_clos<SECRET_ip6>
[2021-12-01 21:59:56 v4 avm dbg]: verify handle 1789985168 (delay 90)
[2021-12-01 22:01:26 v4 avm dbg]: dns_handle created 0x6ab63340 for
<SECRET_ip4>
```

```
[2021-12-01 22:01:26 v4 avm dbg]: ddns_verify_complete mit dns->handle
0x6ab63340
[2021-12-01 22:01:26 v4 avm dbg]: ep=0x6ab36a00 ddns_verify_complete:1939
updated -> [complete]
[2021-12-01 22:01:26 v4 avm dbg]: verified <SECRET_ip4>
[2021-12-02 22:59:55 v4 avm dbg]: [ddns_update]: complete (<SECRET_ip4>)
[2021-12-02 22:59:55 v4 avm dbg]: ep=0x6ab36a00 ddns_update:4283 complete
-> [checking]
[2021-12-02 22:59:55 v4 avm dbg]: SET v4 (<SECRET_ip4>)
[2021-12-02 22:59:55 v4 avm dbg]: v4-entry is Updater.
[2021-12-02 22:59:55 v4 avm dbg]: Updater is running (now).
[2021-12-02 22:59:55 v4 avm dbg]: starting update (refresh needed)
[update_v6_addr 0] {<SECRET_ip4>}
[2021-12-02 22:59:55 v4 avm dbg]: ep=0x6ab36a00 do_connect:2919 checking
-> [getting-token]
[2021-12-02 22:59:55 v4 avm dbg]: connect: wait for token [getting-token]
[2021-12-02 22:59:56 v4 avm dbg]: got token: (status: oauth=ok
ep=[getting-token])
[2021-12-02 22:59:56 v4 avm dbg]: ep=0x6ab36a00
liboauth_get_token_cb:2777 getting-token -> [checking]
[2021-12-02 22:59:56 v4 avm dbg]: ep=0x6ab36a00 do_connect_:2695 checking
-> [updating]
[2021-12-02 22:59:59 v4 avm dbg]: ep=0x6ab36a00 ddns_clos<SECRET_ip6>
[2021-12-02 22:59:59 v4 avm dbg]: verify handle 1789985088 (delay 90)
[2021-12-02 23:01:29 v4 avm dbg]: dns_handle created 0x6ab63440 for
<SECRET_ip4>
[2021-12-02 23:01:29 v4 avm dbg]: ddns_verify_complete mit dns->handle
0x6ab63440
[2021-12-02 23:01:29 v4 avm dbg]: ep=0x6ab36a00 ddns_verify_complete:1939
updated -> [complete]
[2021-12-02 23:01:29 v4 avm dbg]: verified <SECRET_ip4>
[2021-12-03 23:59:58 v4 avm dbg]: [ddns_update]: complete (<SECRET_ip4>)
[2021-12-03 23:59:58 v4 avm dbg]: ep=0x6ab36a00 ddns_update:4283 complete
-> [checking]
[2021-12-03 23:59:58 v4 avm dbg]: SET v4 (<SECRET_ip4>)
[2021-12-03 23:59:58 v4 avm dbg]: v4-entry is Updater.
[2021-12-03 23:59:58 v4 avm dbg]: Updater is running (now).
[2021-12-03 23:59:58 v4 avm dbg]: starting update (refresh needed)
[update_v6_addr 0] {<SECRET_ip4>}
[2021-12-03 23:59:58 v4 avm dbg]: ep=0x6ab36a00 do_connect:2919 checking
-> [getting-token]
[2021-12-03 23:59:58 v4 avm dbg]: connect: wait for token [getting-token]
[2021-12-03 23:59:59 v4 avm dbg]: got token: (status: oauth=ok
ep=[getting-token])
[2021-12-03 23:59:59 v4 avm dbg]: ep=0x6ab36a00
liboauth_get_token_cb:2777 getting-token -> [checking]
[2021-12-03 23:59:59 v4 avm dbg]: ep=0x6ab36a00 do_connect_:2695 checking
-> [updating]
[2021-12-04 00:00:02 v4 avm dbg]: ep=0x6ab36a00 ddns_clos<SECRET_ip6>
[2021-12-04 00:00:02 v4 avm dbg]: verify handle 1789985008 (delay 90)
[2021-12-04 00:01:32 v4 avm dbg]: dns_handle created 0x6ab631f0 for
<SECRET_ip4>
[2021-12-04 00:01:32 v4 avm dbg]: ddns_verify_complete mit dns->handle
0x6ab631f0
[2021-12-04 00:01:32 v4 avm dbg]: ep=0x6ab36a00 ddns_verify_complete:1939
updated -> [complete]
[2021-12-04 00:01:32 v4 avm dbg]: verified <SECRET_ip4>
[2021-12-05 01:00:01 v4 avm dbg]: [ddns_update]: complete (<SECRET_ip4>)
[2021-12-05 01:00:01 v4 avm dbg]: ep=0x6ab36a00 ddns_update:4283 complete
-> [checking]
```

```
[2021-12-05 01:00:01 v4 avm dbg]: SET v4 (<SECRET_ip4>)
[2021-12-05 01:00:01 v4 avm dbg]: v4-entry is Updater.
[2021-12-05 01:00:01 v4 avm dbg]: Updater is running (now).
[2021-12-05 01:00:01 v4 avm dbg]: starting update (refresh needed)
[update_v6_addr 0] {<SECRET_ip4>}
[2021-12-05 01:00:01 v4 avm dbg]: ep=0x6ab36a00 do_connect:2919 checking
-> [getting-token]
[2021-12-05 01:00:01 v4 avm dbg]: connect: wait for token [getting-token]
[2021-12-05 01:00:02 v4 avm dbg]: got token: (status: oauth=ok
ep=[getting-token])
[2021-12-05 01:00:02 v4 avm dbg]: ep=0x6ab36a00
liboauth_get_token_cb:2777 getting-token -> [checking]
[2021-12-05 01:00:02 v4 avm dbg]: ep=0x6ab36a00 do_connect_:2695 checking
-> [updating]
[2021-12-05 01:00:05 v4 avm dbg]: ep=0x6ab36a00 ddns_clos<SECRET_ip6>
[2021-12-05 01:00:05 v4 avm dbg]: verify handle 1789985168 (delay 90)
[2021-12-05 01:01:35 v4 avm dbg]: dns_handle created 0x6ab63c50 for
<SECRET_ip4>
[2021-12-05 01:01:35 v4 avm dbg]: ddns_verify_complete mit dns->handle
0x6ab63c50
[2021-12-05 01:01:35 v4 avm dbg]: ep=0x6ab36a00 ddns_verify_complete:1939
updated -> [complete]
[2021-12-05 01:01:35 v4 avm dbg]: verified <SECRET_ip4>
[2021-12-06 02:00:04 v4 avm dbg]: [ddns_update]: complete (<SECRET_ip4>)
[2021-12-06 02:00:04 v4 avm dbg]: ep=0x6ab36a00 ddns_update:4283 complete
-> [checking]
[2021-12-06 02:00:04 v4 avm dbg]: SET v4 (<SECRET_ip4>)
[2021-12-06 02:00:04 v4 avm dbg]: v4-entry is Updater.
[2021-12-06 02:00:04 v4 avm dbg]: Updater is running (now).
[2021-12-06 02:00:04 v4 avm dbg]: starting update (refresh needed)
[update_v6_addr 0] {<SECRET_ip4>}
[2021-12-06 02:00:04 v4 avm dbg]: ep=0x6ab36a00 do_connect:2919 checking
-> [getting-token]
[2021-12-06 02:00:04 v4 avm dbg]: connect: wait for token [getting-token]
[2021-12-06 02:00:05 v4 avm dbg]: got token: (status: oauth=ok
ep=[getting-token])
[2021-12-06 02:00:05 v4 avm dbg]: ep=0x6ab36a00
liboauth_get_token_cb:2777 getting-token -> [checking]
[2021-12-06 02:00:05 v4 avm dbg]: ep=0x6ab36a00 do_connect_:2695 checking
-> [updating]
[2021-12-06 02:00:08 v4 avm dbg]: ep=0x6ab36a00 ddns_clos<SECRET_ip6>
[2021-12-06 02:00:08 v4 avm dbg]: verify handle 1789985088 (delay 90)
[2021-12-06 02:01:38 v4 avm dbg]: dns_handle created 0x6ab634e0 for
<SECRET_ip4>
[2021-12-06 02:01:38 v4 avm dbg]: ddns_verify_complete mit dns->handle
0x6ab634e0
[2021-12-06 02:01:38 v4 avm dbg]: ep=0x6ab36a00 ddns_verify_complete:1939
updated -> [complete]
[2021-12-06 02:01:38 v4 avm dbg]: verified <SECRET_ip4>
[2021-12-07 03:00:07 v4 avm dbg]: [ddns_update]: complete (<SECRET_ip4>)
[2021-12-07 03:00:07 v4 avm dbg]: ep=0x6ab36a00 ddns_update:4283 complete
-> [checking]
[2021-12-07 03:00:07 v4 avm dbg]: SET v4 (<SECRET_ip4>)
[2021-12-07 03:00:07 v4 avm dbg]: v4-entry is Updater.
[2021-12-07 03:00:07 v4 avm dbg]: Updater is running (now).
[2021-12-07 03:00:07 v4 avm dbg]: starting update (refresh needed)
[update_v6_addr 0] {<SECRET_ip4>}
[2021-12-07 03:00:07 v4 avm dbg]: ep=0x6ab36a00 do_connect:2919 checking
-> [getting-token]
[2021-12-07 03:00:07 v4 avm dbg]: connect: wait for token [getting-token]
```

```

[2021-12-07 03:00:08 v4 avm dbg]: got token: (status: oauth=ok
ep=[getting-token])
[2021-12-07 03:00:08 v4 avm dbg]: ep=0x6ab36a00
liboauth_get_token_cb:2777 getting-token -> [checking]
[2021-12-07 03:00:08 v4 avm dbg]: ep=0x6ab36a00 do_connect_:2695 checking
-> [updating]
[2021-12-07 03:00:11 v4 avm dbg]: ep=0x6ab36a00 ddns_clos<SECRET_ip6>
[2021-12-07 03:00:11 v4 avm dbg]: verify handle 1789985008 (delay 90)
[2021-12-07 03:01:41 v4 avm dbg]: dns_handle created 0x6ab635a0 for
<SECRET_ip4>
[2021-12-07 03:01:41 v4 avm dbg]: ddns_verify_complete mit dns->handle
0x6ab635a0
[2021-12-07 03:01:41 v4 avm dbg]: ep=0x6ab36a00 ddns_verify_complete:1939
updated -> [complete]
[2021-12-07 03:01:41 v4 avm dbg]: verified <SECRET_ip4>
[2021-12-08 04:00:10 v4 avm dbg]: [ddns_update]: complete (<SECRET_ip4>)
[2021-12-08 04:00:10 v4 avm dbg]: ep=0x6ab36a00 ddns_update:4283 complete
-> [checking]
[2021-12-08 04:00:10 v4 avm dbg]: SET v4 (<SECRET_ip4>)
[2021-12-08 04:00:10 v4 avm dbg]: v4-entry is Updater.
[2021-12-08 04:00:10 v4 avm dbg]: Updater is running (now).
[2021-12-08 04:00:10 v4 avm dbg]: starting update (refresh needed)
[update_v6_addr 0] {<SECRET_ip4>}
[2021-12-08 04:00:10 v4 avm dbg]: ep=0x6ab36a00 do_connect:2919 checking
-> [getting-token]
[2021-12-08 04:00:10 v4 avm dbg]: connect: wait for token [getting-token]
[2021-12-08 04:00:11 v4 avm dbg]: got token: (status: oauth=ok
ep=[getting-token])
[2021-12-08 04:00:11 v4 avm dbg]: ep=0x6ab36a00
liboauth_get_token_cb:2777 getting-token -> [checking]
[2021-12-08 04:00:11 v4 avm dbg]: ep=0x6ab36a00 do_connect_:2695 checking
-> [updating]
[2021-12-08 04:00:14 v4 avm dbg]: ep=0x6ab36a00 ddns_clos<SECRET_ip6>
[2021-12-08 04:00:14 v4 avm dbg]: verify handle 1789985168 (delay 90)
[2021-12-08 04:01:44 v4 avm dbg]: dns_handle created 0x6ab632c0 for
<SECRET_ip4>
[2021-12-08 04:01:44 v4 avm dbg]: ddns_verify_complete mit dns->handle
0x6ab632c0
[2021-12-08 04:01:44 v4 avm dbg]: ep=0x6ab36a00 ddns_verify_complete:1939
updated -> [complete]
[2021-12-08 04:01:44 v4 avm dbg]: verified <SECRET_ip4>
##### END SECTION dyndns
##### BEGIN SECTION multicast Multicast

```

Multicast

Interface	BytesIn	PktsIn	BytesOut	PktsOut	Flags	Local	Remote
0 lan	0	0	0	0	00008	00000021	6CFC97A4
1 guest	0	0	0	0	00008	00000022	090CDAE6
2 dsl	0	0	0	0	00008	00000023	6D00D8D8

Group Origin Iif Pkts Bytes Wrong Oifs

cat: can't open '/proc/net/mcfastforward/driver': No such file or directory

cat: can't open '/proc/net/mcfastforward/groups': No such file or directory

END SECTION multicast

BEGIN SECTION bridge bridge

bridge

```
dev lan port eth2 grp <SECRET_ip4> temp
##### END SECTION bridge
##### BEGIN SECTION gre gre
##### END SECTION gre
##### BEGIN SECTION static_net static_net
##### END SECTION static_net
##### BEGIN SECTION nqos nqos
appls:
  0: sip (1) => 1
early_recvhook:
  enabled
lbr0 ethervcc_fastrcv [kdsldmod](c5142918) RX 120089 pkts 6415013 bytes
EAPOL 0 pkts
erouter0 ethervcc_fastrcv [kdsldmod](c5142830) RX 218644882 pkts
326598474723 bytes EAPOL 0 pkts
lan:
  0: ip.proto 17 udp.dport 43962,47806 => 2 (# 0)
  0: ip.proto 58 => 2 (# 2291)
  0: ip.proto 1 => 2 (# 33223)
  0: ip.proto 17 => 2 (# 466765)
  1:   udp.dport 53 => 2 (# 44993)
  1:   udp.dport 5060 (sip) => 5 (# 0)
  0: ip.proto 6 tcp.dport 5060 (sip) => 5 (# 0)
local:
  0: localmark sip => 1 (# 2301)
  0: localmark rtp => 1 (# 366014)
  0: localmark sip_internet => 1 (# 0)
  0: localmark rtp_internet => 1 (# 0)
  0: localmark sipdns,ntpdns,tr069dns,tr069 => 2 (# 30)
  0: localmark igmp => 3 (# 8)
  0: localmark webdav => 4 (# 0)
  0: localmark dns => 2 (# 47713)
  0: localmark lcp => 3 (# 0)
rlearlylan-cfg:
  0: ip.version 6 icmp.type 134 (ratelimit) => 0 (# 0, blocked # 0)
pakets 10 interval 1 seconds {now 5111097 endtime 0 count 0}
rllan-cfg:
  0: ip.version 6 ip.proto 17 udp.dport 547 (ratelimit) => 0 (# 220,
blocked # 0) pakets 10 interval 1 seconds {now 5111097 endtime 5070201
count 1}
  0: ip.version 6 icmp.type 133 (ratelimit) => 0 (# 403, blocked # 0)
pakets 10 interval 1 seconds {now 5111097 endtime 5103525 count 1}
  0: ip.version 6 icmp.type 135 (ratelimit) => 0 (# 778, blocked # 0)
pakets 10 interval 1 seconds {now 5111097 endtime 5110827 count 1}
  0: ip.version 6 icmp.type 136 (ratelimit) => 0 (# 26, blocked # 0)
pakets 500 interval 1 seconds {now 5111097 endtime 5070133 count 1}
  0: ip.version 6 icmp.type 1 (ratelimit) => 0 (# 0, blocked # 0) pakets
10 interval 1 seconds {now 5111097 endtime 0 count 0}
  0: ip.version 6 icmp.type 2 (ratelimit) => 0 (# 0, blocked # 0) pakets
10 interval 1 seconds {now 5111097 endtime 0 count 0}
  0: ip.version 6 icmp.type 3 (ratelimit) => 0 (# 0, blocked # 0) pakets
10 interval 1 seconds {now 5111097 endtime 0 count 0}
  0: ip.version 6 icmp.type 128 (ratelimit) => 0 (# 0, blocked # 0)
pakets 10 interval 1 seconds {now 5111097 endtime 0 count 0}
  0: ip.version 6 icmp.type 129 (ratelimit) => 0 (# 0, blocked # 0)
pakets 10 interval 1 seconds {now 5111097 endtime 0 count 0}
  0: ip.version 4 ip.proto 17 udp.dport 67 (ratelimit) => 0 (# 96,
blocked # 0) pakets 20 interval 1 seconds {now 5111097 endtime 5097264
count 2}
results:
```

```

0: queue 5
1: queue 2
2: queue 1
3: queue 0
4: queue 6
5: queue 2 appl sip
##### END SECTION nqos nqos
##### BEGIN SECTION PA showpainfo

```

```
/proc/net/pp/version:
```

```

-----
| PDSP name      | PDSP version | PP version |
|-----|-----|-----|
| Sequencer      | <SECRET_ip4> | <SECRET_ip4> |
| Prefetcher     | <SECRET_ip4> | <SECRET_ip4> |
| Classifier2    | <SECRET_ip4> | <SECRET_ip4> |
| SessionCache  | <SECRET_ip4> | <SECRET_ip4> |
| Classifier1    | <SECRET_ip4> | <SECRET_ip4> |
| Modifier       | <SECRET_ip4> | <SECRET_ip4> |
| ReSequencer   | <SECRET_ip4> | <SECRET_ip4> |
| TurboDOX      | <SECRET_ip4> | <SECRET_ip4> |
| AQM-D         | <SECRET_ip4> | <SECRET_ip4> |
| QoS.0        | <SECRET_ip4> | <SECRET_ip4> |
| MC            | <SECRET_ip4> | <SECRET_ip4> |
| Accumulator   | <SECRET_ip4> | <SECRET_ip4> |
| Recycler      | <SECRET_ip4> | <SECRET_ip4> |
| MoCA         | <SECRET_ip4> | <SECRET_ip4> |
| WiFi Tx 0    | <SECRET_ip4> | <SECRET_ip4> |
| WiFi Tx 1    | <SECRET_ip4> | <SECRET_ip4> |
| WiFi Rx 0    | <SECRET_ip4> | <SECRET_ip4> |
| WiFi Rx 1    | <SECRET_ip4> | <SECRET_ip4> |

```

```
/proc/net/pp/global:
```

```

                Sequencer Counters:                                Prefetcher
Counters:                Classifier2 Counters:
=====
=====
rx_pkts                = 344337096                                rx_pkts
= 344337096            rx_pkts                = 344337096
pkts_fwd_to_prefetcher = 344337096
pkts_fwd_to_classifier2 = 344337096                                session_cache_searches
= 343988886
pkts_fwd_to_defaultQ   = 0
descriptors_starvation = 0                                session_cache_matches
= 67749109
pkts_discarded         = 0
pkts_fwd_to_classifier1 = 344337096
fifo_full              = 0
pkts_fwd_to_reseq_for_discard = 0

bithash_matches        = 0

arp_matches            = 834586

wan_matches            = 159596

```



```

host_rx_pkts = 281881965
sent_wakeup_upon_thrshold = 0
q_not_empty_after_clean = 0
host_discarded_pkts = 0 mcast_rx_pkts
= 0
host_forwarded_pkts = 281881965 mcast_tx_pkts
= 0
aqm_LL_SF_rx_pkts
= 0
aqm_LL_SF_pkts_frwrd
= 0
aqm_LL_SF_ECN_CE
= 0

aqm_LL_SF_fallback_to_C_SF = 0
aqm_LL_SF_discarded_pkts = 0

```

TurboDOX Counters:

Accumulator

Counters:

MoCA Counters:

```

=====
=====
=====
rx_pkts = 32066956
= 1669169694 rx_pkts
pkts_fwd_to_next_hop = 0
= 254877232 tx_pkts
pkts_fwd_to_qos = 29750072
= 0
TD_session_enabled_pkts = 14077770
qualified_pkts = 10795702
non_qualified_pkts = 3282068
suppressed_pkts = 2316882
supp limit packets reached = 2374865
supp limit time reached = 4935958
not progressing acks = 118743

```

```

rx_pkts
= 0
interrupts
= 0
dropped_pkts

```

MC Counters:

Recycler Counters:

```

=====
=====
rx_pkts = 177726
pkts_timed_out_from_db = 21 rx_pkts
= 2766529
pkts_fwd_to_qos = 0 db_overflow_pkts
= 112 gqmgr0 = 146436
pkts_fwd_to_host = 153516
reassembly_concat_pkts = 0 gqmgr1
= 2620093
pkts_fwd_to_next_hop = 24210
reassembly_no_concat_pkts = 0 gqmgr2
= 0
pkts_pushed_to_db = 4543
fragmentation_desc_starvations = 0 usqmgr
= 0
pkts_popped_from_db = 4543
fragmentation_on_tunnel_header = 0 loqmgr
= 0
fragmentation_on_encap_pkt = 0

```

WiFi0 RX Counters:

WiFi0 TX Counters:

```

=====
=====
rx_pkts                = 1133567          req_null_buffer
= 0                    rx_pkts                = 2499523
tx_pkts                = 1137662          req_zero_dateLen
= 0                    tx_pkts                = 2499523
cmp_desc_starv        = 0                req_read_retries
= 0                    cmp_null_buffer        = 0
cmp_buff_starv        = 0                req_bpq_starv_leak
= 0                    cmp_read_retries      = 0
                                req_desc_starv
= 0
wlan0_req_rcv         = 1133567
wlan0_cmp_rcv         = 2499523
wlan0_req_rcv_valid   = 1133567
wlan0_cmp_rcv_valid   = 2499523
wlan0_req_drops       = 0
wlan0_req_sent        = 2499523
wlan0_cmp_sent        = 1137662
wlan0_dev_cnt3        = 0

```

WiFi1 RX Counters:

WiFi1 TX Counters:

```

=====
=====
rx_pkts                = 134041          req_null_buffer
= 0                    rx_pkts                = 291331
tx_pkts                = 138136          req_zero_dateLen
= 0                    tx_pkts                = 291331
cmp_desc_starv        = 0                req_read_retries
= 0                    cmp_null_buffer        = 0
cmp_buff_starv        = 0                req_bpq_starv_leak
= 0                    cmp_read_retries      = 0
                                req_desc_starv
= 0
wlan1_req_rcv         = 134041
wlan1_cmp_rcv         = 291331
wlan1_req_rcv_valid   = 134041
wlan1_cmp_rcv_valid   = 291331
wlan1_req_drops       = 0
wlan1_req_sent        = 291331
wlan1_cmp_sent        = 138136
wlan1_dev_cnt3        = 0

```

HOP List Flows Counters:

Sync Q

Counters

```

=====
=====
NoSessionCounter      = 271322607          allocated
= 220717
NoSessionFragCounter  = 152747              free
= 220717
MinimumSessionCounter = 35357695            PTID_sent_to_host
= 40581

```

```

    TcpTdoxSessionCounter           = 32043849
PTID_received_back_from_host      = 23231
    TunnelEncapSessionCounter       = 0           timer_expired
= 197505
    TunnelDecapSessionCounter       = 24210      queue_overflow
= 0
    TunnelEncapTcpSessionCounter    = 0           sync_q_starvation
= 2760
    TunnelDecapOrBypassTcpSessionCounter = 0       Pkts_sent_to_SyncQ
= 117374
    LLSfMinimumSessionCounter       = 0
SyncQ_Not_Allocated_HostPkt      = 19
    LLSfTcpTdoxSessionCounter       = 0
SyncQ_Not_Allocated_AccPkt       = 1508
    LLSfTunnelEncapSessionCounter   = 0
    LLSfTunnelEncapTcpSessionCounter = 0
    LLSfTunnelBypassTcpSessionCounter = 0

```

/proc/net/pp/brief:

```

VPID 40 (ath0): RX = 0, TX = 0
VPID 41 (ath1): RX = 17723, TX = 50669
VPID 39 (cni0): RX = 0, TX = 0
VPID 42 (wifi1): RX = 0, TX = 0
VPID 43 (wifi0): RX = 0, TX = 0
VPID 44 (eth0): RX = 153225, TX = 361884
VPID 45 (eth1): RX = 7598, TX = 32872
VPID 46 (eth2): RX = 23686042, TX = 34883334
VPID 47 (eth3): RX = 618175, TX = 3620515
VPID 50 (cni0): RX = 41880348, TX = 25715648
VPID 48 (ngmii4): RX = 0, TX = 0
VPID 49 (nrgmii3): RX = 0, TX = 0
SESSION <SECRET_ip6>
SESSION <SECRET_ip6>
SESSION <SECRET_ip6>
SESSION 2<SECRET_ip6>
SESSION 2<SECRET_ip6>
SESSION 3<SECRET_ip6>
SESSION <SECRET_ip6>
SESSION <SECRET_ip6>
SESSION <SECRET_ip6>
SESSION 1<SECRET_ip6>
SESSION <SECRET_ip6>
SESSION 3<SECRET_ip6>
SESSION 1<SECRET_ip6>
SESSION <SECRET_ip6>
SESSION 1<SECRET_ip6>
SESSION <SECRET_ip6>
SESSION 1<SECRET_ip6>
SESSION <SECRET_ip6>
SESSION 1<SECRET_ip6>
SESSION 2<SECRET_ip6>

```

/proc/net/pp/accStats:

```

| Channel | pktsCount | interruptsCount | Flags | Average Sum
| Return Queue | Pkt Drop Rate | Burst Slot Cnt | Upper Threshold |
Lower Threshold |

```

0	281873344	40425745	Disabled	0
0x 0	0	0	0	0
0	8806	8412	Disabled	0
0x 0	0	0	0	0
0	0	0	Disabled	0
0x 0	0	0	0	0
0	0	0	Disabled	0
0x 0	0	0	0	0
0	0	0	Disabled	0
0x 0	0	0	0	0
0	0	0	Disabled	0
0x 0	0	0	0	0
0	0	0	Disabled	0
0x 0	0	0	0	0
0	0	0	Enabled	7000
0x 1a9	6000	0	0	7000
0	0	0	Enabled	7000
0x 1ad	6000	0	0	7000
0	56604164	26407070	Enabled	7000
0x 1a9	6000	0	0	7000
0	0	0	Enabled	7000
0x 1ae	6000	0	0	7000
0	0	0	Disabled	0
0x 0	0	0	0	0
0	0	0	Disabled	0
0x 0	0	0	0	0
0	0	0	Enabled	7000
0x 1a9	6000	0	0	7000
0	0	0	Enabled	7000
0x 1ac	6000	0	0	7000
0	0	0	Enabled	7000
0x 1a9	6000	0	0	7000
0	0	0	Enabled	7000
0x 1aa	6000	0	0	7000
0	0	0	Disabled	0
0x 0	0	0	0	0
0	0	0	Disabled	0
0x 0	0	0	0	0
0	0	0	Disabled	0
0x 0	0	0	0	0

	19		0		0		Disabled		
0		0x	0		0		0		0
			0						
	20		184299		144935		Disabled		
0		0x	0		0		0		0
			0						
	21		21071		15255		Disabled		
0		0x	0		0		0		0
			0						
	22		0		0		Disabled		
0		0x	0		0		0		0
			0						
	23		0		0		Disabled		
0		0x	0		0		0		0
			0						
	24		0		0		Disabled		
0		0x	0		0		0		0
			0						
	25		0		0		Disabled		
0		0x	0		0		0		0
			0						
	26		0		0		Disabled		
0		0x	0		0		0		0
			0						
	27		0		0		Disabled		
0		0x	0		0		0		0
			0						
	28		0		0		Disabled		
0		0x	0		0		0		0
			0						
	29		0		0		Disabled		
0		0x	0		0		0		0
			0						
	30		0		0		Disabled		
0		0x	0		0		0		0
			0						
	31		0		0		Disabled		
0		0x	0		0		0		0
			0						
	32		0		0		Disabled		
0		0x	0		0		0		0
			0						
	33		0		0		Disabled		
0		0x	0		0		0		0
			0						
	34		0		0		Disabled		
0		0x	0		0		0		0
			0						
	35		0		0		Disabled		
0		0x	0		0		0		0
			0						
	36		0		0		Disabled		
0		0x	0		0		0		0
			0						
	37		0		0		Disabled		
0		0x	0		0		0		0
			0						
	38		0		0		Disabled		
0		0x	0		0		0		0
			0						

39	2097213	2074260	Disabled	0
0	0x 0	0	0	0
40	277523388	40462190	Disabled	0
0	0x 0	0	0	0
41	277523392	40455519	Disabled	0
0	0x 0	0	0	0
42	275344134	37207475	Disabled	0
0	0x 0	0	0	0
43	277863776	39515411	Disabled	0
0	0x 0	0	0	0
44	0	0	Disabled	0
0	0x 0	0	0	0
45	220124933	28159786	Enabled	16000
0	0x 1a7	0	0	15000
46	1174	1174	Enabled	16000
0	0x 1a8	0	0	15000
47	0	0	Disabled	0
0	0x 0	0	0	0
	0			

/proc/net/ti_pp[show l2tpSessions]:

```
#####
# Hil active L2TPv3 sessions #
#####
```

/proc/net/ti_pp[show stats]:

```

+-----+
|                                     |
|                                     |
|                                     |
+-----+-----+-----+-----+
|   Hil state   | Acceleration State |   QoS state   |
|   Sync Q     |                    |               |
+-----+-----+-----+-----+
|   Blocked (avm)   |   Enable   |   Enabled   |
|   Enabled     |            |             |
+-----+-----+-----+-----+
|   Power Save state   |   MultiCast state   |
|                     |                     |
+-----+-----+-----+-----+
|   PSM Disabled     |   Enabled   |
|                     |            |
+-----+-----+-----+-----+

```

Accumulator Rate Limit Pkts	Multi Drop Support	Moca Padding Mode	ByPass	Fragmented
Disabled	Enabled	Disabled		Disabled
TurboDOX				
State Sessions	Eval Time	Eval Avg PktSize		
Enabled 7	1000 ms	122 bytes		
Candidates Suppression config	Starvation	Suppression		
0 PID specific	0	Enabled		
HOOK Counters				
Ingress Start Egress End	Ingress End	Egress Start		
496273911 0	494059315	285354265		
Skip Hooks Sessions Created	Bypassed	Other	Null	
0 725612	273457183	11600589	164960	
ERROR Counters				
Unknown L2 Memory	Unknown L3 L2TP Err	Unknown L4	Broadcast	Fragmented
0 42	0	0	618800	38556 0

SKB header starvation	Invald PID Sessions Create	PID info	VPID VLAN	TCP no ACK	LUT
0	0	0	0	0	0
0					
GRE Err Unsupport PPPoE	Tunnel Err SCB Pkts	L2TP db full	ICMP	PSI Err	
0	78	0	1557120	0	0
0					
IPv6 NAT Err Neighbor	VLAN	packet RAM resources are not free		New Neighbor	
0	0	0			0

```

Classification Mode : Accelerate packets with any
ethertype (L3/L4 is optional)
Prioritization Mode : Disabled (use DOCSIS Service
Flow)
WIFI WMM DSCP Prioritization : Enabled
L2TP acceleration mode : Disabled
Session Cache Timeout : 1 sec
Reserved Voice sessions : 16
Active PIDs : 10
Active VPIDs : 12
Active sessions : 18
Active US sessions : 8
Active DS sessions : 8
Active UDP sessions : 8
Active TCP sessions : 8
Active drop sessions : 0
Active multi drop sessions : 0
Active irregular sessions : 0
Max UDP sessions with extended timeout : 1000
Max active sessions : 1361

```

Session Timeout configuraions

L4 Protocol	Timeout
UDP	60
TCP	12
ICMP	2
drop	1
Global	1

Sessions utilization histogram

```

range [ 0 to 4479] : 725612
range [ 4480 to 8959] : 0

```



```
/proc/net/pp/HAL/getDebugStoreLookup:
Classifier2.0 Lookup String:
0x00000000 0x00000000 0x00000000 0x00000000
0x00000000 0x00000000 0x00000000 0x00000000
0x00000000 0x00000000 0x00000000 0x00000000
0x00000000 0x00000000 0x00000000 0x00000000
Classifier2.1 Lookup String:
0x00000000 0x00000000 0x00000000 0x00000000
0x00000000 0x00000000 0x00000000 0x00000000
0x00000000 0x00000000 0x00000000 0x00000000
0x00000000 0x00000000 0x00000000 0x00000000
Classifier2.2 Lookup String:
0x00000000 0x00000000 0x00000000 0x00000000
0x00000000 0x00000000 0x00000000 0x00000000
0x00000000 0x00000000 0x00000000 0x00000000
0x00000000 0x00000000 0x00000000 0x00000000
Classifier2.3 Lookup String:
0x00000000 0x00000000 0x00000000 0x00000000
0x00000000 0x00000000 0x00000000 0x00000000
0x00000000 0x00000000 0x00000000 0x00000000
0x00000000 0x00000000 0x00000000 0x00000000
```

18 TDOX sessions

```
/proc/net/qosmanager/version:
PP QoS Manager version is <SECRET_ip4>
PP QoS Manager support up to 64 QoS clusters and 192 QoS queues
```

```
/proc/net/qosmanager/qos_db_stats:
#####
# QoS DB statistics: #
#####
Active Shared Clusters:      4
Active Shared Queues:       16
Active Host Clusters:       1
Active Host Queues:         8
Shared Clusters starvation: 0
Shared Queues starvation:  0
Shapers starvation:        0
Active Shapers:             1
WFQ Clusters:               0
```

```
/proc/net/qosmanager/getClusterConf[0]:
#####
# cluster 0 configuration: #
#####
Phy Cluster ID: 0
#####
-----
Q-0   (0 )=====> |
                |=====> EgQ:1.280
                |=====> EgQ:1.264
Q-1   (1 )=====> |
                |
-----
Dev name:                cni0
Vpid index:              VPID 50
Vpid QoS mode:          NORMAL
Cluster scheduling type: SP
Cluster user identifier: 0
```

QoS PDSP number: QoS_PDSP_0
Cluster scheduling mode: Strict
Number of priorities: 2
Cluster bit rate limit: 11200 Kbps
Cluster PPS limit: 80 Kpps

Cluster thresholds:

Max global credit bytes: 60544
Max global credit packets: 946
Egress congested threshold bytes normal: 12144
Egress congested threshold bytes half: 24288
Egress congested threshold bytes quarter: 42504
Egress congested threshold bytes not-frw: 48576
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 28
Egress congested threshold packets not-frw: 32

Input Queues:

Queue 0 ###
Egress Queue: 1.280
Queue flags: None
Iteration credit bytes: 35
Iteration credit packets: 2
Max credit bytes: 16364
Max credit packets: 256

Congested threshold bytes: 51200
Congested threshold packets: 512
Queue 1 ###
Egress Queue: 1.264
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 15180
Max credit packets: 10

Congested threshold bytes: 309632
Congested threshold packets: 4838

```
/proc/net/qosmanager/getClusterConfFromFw[0]:  
#####  
# cluster 0 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 60544  
Global credit packets: 946  
Max global credit bytes: 60544  
Max global credit packets: 946  
Egress congested threshold bytes normal: 12144  
Egress congested threshold bytes half: 24288  
Egress congested threshold bytes quarter: 42504  
Egress congested threshold bytes not-frw: 48576  
Egress congested threshold packets normal: 8  
Egress congested threshold packets half: 16  
Egress congested threshold packets quarter: 28
```

Egress congested threshold packets not-frw: 32
QDA queue: 255
Cluster flags: None
Ingress queue count: 2
QoS queue 0: 0
QoS queue 1: 1
Egress queue count: 2
Eg queue 0: 1.280
Eg queue 1: 1.264
Cluster DMEM Base Address: 0xF3E12200 , Size: 64

/proc/net/qosmanager/getClusterConf[1]:

```
#####  
# cluster 1 configuration: #  
#####  
Phy Cluster ID: 1  
#####
```

```
-----  
Q-2   (0 )=====> |  
                |=====> EgQ:1.281  
                |=====> EgQ:1.265  
Q-3   (1 )=====> |  
-----
```

Dev name: cni0
Vpid index: VPID 50
Vpid QoS mode: NORMAL
Cluster scheduling type:SP
Cluster user identifier: 1
QoS PDSP number: QoS_PDSP_0
Cluster scheduling mode: Strict
Number of priorities: 2
Cluster bit rate limit: 320 Kbps
Cluster PPS limit: 80 Kpps

Cluster thresholds:

```
#####  
Max global credit bytes: 45184  
Max global credit packets: 706  
Egress congested threshold bytes normal: 6072  
Egress congested threshold bytes half: 9108  
Egress congested threshold bytes quarter: 15180  
Egress congested threshold bytes not-frw: 18216  
Egress congested threshold packets normal: 4  
Egress congested threshold packets half: 6  
Egress congested threshold packets quarter: 10  
Egress congested threshold packets not-frw: 12
```

Input Queues:

```
#####  
### Queue 2 ###  
Egress Queue: 1.281  
Queue flags: None  
Iteration credit bytes: 1  
Iteration credit packets: 2  
Max credit bytes: 102  
Max credit packets: 1
```

Congested threshold bytes: 51200

Congested threshold packets: 512
Queue 3 ###
Egress Queue: 1.265
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 6072
Max credit packets: 4

Congested threshold bytes: 2320
Congested threshold packets: 4

```
/proc/net/qosmanager/getClusterConfFromFw[1]:  
#####  
# cluster 1 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 45184  
Global credit packets: 706  
Max global credit bytes: 45184  
Max global credit packets: 706  
Egress congested threshold bytes normal: 6072  
Egress congested threshold bytes half: 9108  
Egress congested threshold bytes quarter: 15180  
Egress congested threshold bytes not-frw: 18216  
Egress congested threshold packets normal: 4  
Egress congested threshold packets half: 6  
Egress congested threshold packets quarter: 10  
Egress congested threshold packets not-frw: 12  
QDA queue: 255  
Cluster flags: None  
Ingress queue count: 2  
QoS queue 0: 2  
QoS queue 1: 3  
Egress queue count: 2  
Eg queue 0: 1.281  
Eg queue 1: 1.265  
Cluster DMEM Base Address: 0xF3E12240 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[2]:  
#####  
# cluster 2 configuration: #  
#####  
Phy Cluster ID: 2  
#####  
-----  
Q-4 (0 )=====> |  
                |=====> EgQ:1.282  
                |=====> EgQ:1.266  
Q-5 (1 )=====> |  
                -----  
Dev name:          cni0  
Vpid index:        VPID 50  
Vpid QoS mode:     NORMAL  
Cluster scheduling type:SP  
Cluster user identifier: 2  
QoS PDSP number:   QoS_PDSP_0  
Cluster scheduling mode: Strict
```

Number of priorities: 2
Cluster bit rate limit: 1000000 Kbps
Cluster PPS limit: 480 Kpps

Cluster thresholds:

Max global credit bytes: 3125
Max global credit packets: 32
Egress congested threshold bytes normal: 1514
Egress congested threshold bytes half: 3028
Egress congested threshold bytes quarter: 6056
Egress congested threshold bytes not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64

Input Queues:

Queue 4 ###
Egress Queue: 1.282
Queue flags: None
Iteration credit bytes: 3125
Iteration credit packets: 12
Max credit bytes: 24192
Max credit packets: 256

Congested threshold bytes: 24192
Congested threshold packets: 64
Queue 5 ###
Egress Queue: 1.266
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 24224
Max credit packets: 16

Congested threshold bytes: 30280
Congested threshold packets: 64

```
/proc/net/qosmanager/getClusterConfFromFw[2]:  
#####  
# cluster 2 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 3125  
Global credit packets: 32  
Max global credit bytes: 3125  
Max global credit packets: 32  
Egress congested threshold bytes normal: 1514  
Egress congested threshold bytes half: 3028  
Egress congested threshold bytes quarter: 6056  
Egress congested threshold bytes not-frw: 12112  
Egress congested threshold packets normal: 8  
Egress congested threshold packets half: 16  
Egress congested threshold packets quarter: 32  
Egress congested threshold packets not-frw: 64  
QDA queue: 255
```

```

Cluster flags:                               None
Ingress queue count:                         2
QoS queue 0:                                 4
QoS queue 1:                                 5
Egress queue count:                          2
Eg queue 0:                                  1.282
Eg queue 1:                                  1.266
Cluster DMEM Base Address:                   0xF3E12280 , Size: 64

```

```
/proc/net/qosmanager/getClusterConf[3]:
```

```
#####
# cluster 3 configuration: #
#####
Phy Cluster ID: 3
#####
```

```

-----
Q-6   (0 )=====> |
                |=====> EgQ:1.283
                |=====> EgQ:1.267
Q-7   (1 )=====> |
-----
```

```

Dev name:           cni0
Vpid index:         VPID 50
Vpid QoS mode:      NORMAL
Cluster scheduling type:SP
Cluster user identifier: 3
QoS PDSP number:    QoS_PDSP_0
Cluster scheduling mode: Strict
Number of priorities: 2
Cluster bit rate limit: 1000000 Kbps
Cluster PPS limit:  480 Kpps

```

```
Cluster thresholds:
```

```
#####
Max global credit bytes: 3125
Max global credit packets: 32
Egress congested threshold bytes normal: 1514
Egress congested threshold bytes half: 3028
Egress congested threshold bytes quarter: 6056
Egress congested threshold bytes not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64

```

```
Input Queues:
```

```
#####
### Queue 6 ###
Egress Queue: 1.283
Queue flags: None
Iteration credit bytes: 3125
Iteration credit packets: 12
Max credit bytes: 24192
Max credit packets: 256

```

```

Congested threshold bytes: 24192
Congested threshold packets: 64
### Queue 7 ###

```

Egress Queue: 1.267
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 24224
Max credit packets: 16

Congested threshold bytes: 30280
Congested threshold packets: 64

```
/proc/net/qosmanager/getClusterConfFromFw[3]:  
#####  
# cluster 3 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 3125  
Global credit packets: 32  
Max global credit bytes: 3125  
Max global credit packets: 32  
Egress congested threshold bytes normal: 1514  
Egress congested threshold bytes half: 3028  
Egress congested threshold bytes quarter: 6056  
Egress congested threshold bytes not-frw: 12112  
Egress congested threshold packets normal: 8  
Egress congested threshold packets half: 16  
Egress congested threshold packets quarter: 32  
Egress congested threshold packets not-frw: 64  
QDA queue: 255  
Cluster flags: None  
Ingress queue count: 2  
QoS queue 0: 6  
QoS queue 1: 7  
Egress queue count: 2  
Eg queue 0: 1.283  
Eg queue 1: 1.267  
Cluster DMEM Base Address: 0xF3E122C0 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[4]:  
#####  
# cluster 4 configuration: #  
#####  
Phy Cluster ID: 4  
#####
```

```
-----  
Q-8 (0 )=====> |  
                |=====> EgQ:1.284  
                |=====> EgQ:1.268  
Q-9 (1 )=====> |  
-----
```

Dev name: cni0
Vpid index: VPID 50
Vpid QoS mode: NORMAL
Cluster scheduling type:SP
Cluster user identifier: 4
QoS PDSP number: QoS_PDSP_0
Cluster scheduling mode: Strict
Number of priorities: 2
Cluster bit rate limit: 1000000 Kbps

Cluster PPS limit: 480 Kpps

Cluster thresholds:

#####

Max global credit bytes: 3125
Max global credit packets: 32
Egress congested threshold bytes normal: 1514
Egress congested threshold bytes half: 3028
Egress congested threshold bytes quarter: 6056
Egress congested threshold bytes not-fw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-fw: 64

Input Queues:

#####

Queue 8

Egress Queue: 1.284
Queue flags: None
Iteration credit bytes: 3125
Iteration credit packets: 12
Max credit bytes: 24192
Max credit packets: 256

Congested threshold bytes: 24192
Congested threshold packets: 64

Queue 9

Egress Queue: 1.268
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 24224
Max credit packets: 16

Congested threshold bytes: 30280
Congested threshold packets: 64

/proc/net/qosmanager/getClusterConfFromFw[4]:

#####

cluster 4 configuration in FW:

#####

Cluster thresholds (FW):

#####

Global credit bytes: 3125
Global credit packets: 32
Max global credit bytes: 3125
Max global credit packets: 32
Egress congested threshold bytes normal: 1514
Egress congested threshold bytes half: 3028
Egress congested threshold bytes quarter: 6056
Egress congested threshold bytes not-fw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-fw: 64
QDA queue: 255
Cluster flags: None
Ingress queue count: 2

QoS queue 0: 8
QoS queue 1: 9
Egress queue count: 2
Eg queue 0: 1.284
Eg queue 1: 1.268
Cluster DMEM Base Address: 0xF3E12300 , Size: 64

/proc/net/qosmanager/getClusterConf[5]:

cluster 5 configuration: #

Phy Cluster ID: 5
#####

Q-10 (0)=====> |
|=====> EgQ:1.285
|=====> EgQ:1.269
Q-11 (1)=====>

Dev name: cni0
Vpid index: VPID 50
Vpid QoS mode: NORMAL
Cluster scheduling type:SP
Cluster user identifier: 5
QoS PDSP number: QoS_PDSP_0
Cluster scheduling mode: Strict
Number of priorities: 2
Cluster bit rate limit: 1000000 Kbps
Cluster PPS limit: 480 Kpps

Cluster thresholds:

Max global credit bytes: 3125
Max global credit packets: 32
Egress congested threshold bytes normal: 1514
Egress congested threshold bytes half: 3028
Egress congested threshold bytes quarter: 6056
Egress congested threshold bytes not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64

Input Queues:

Queue 10 ###
Egress Queue: 1.285
Queue flags: None
Iteration credit bytes: 3125
Iteration credit packets: 12
Max credit bytes: 24192
Max credit packets: 256

Congested threshold bytes: 24192
Congested threshold packets: 64
Queue 11 ###
Egress Queue: 1.269
Queue flags: None

Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 24224
Max credit packets: 16

Congested threshold bytes: 30280
Congested threshold packets: 64

```
/proc/net/qosmanager/getClusterConfFromFw[5]:  
#####  
# cluster 5 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 3125  
Global credit packets: 32  
Max global credit bytes: 3125  
Max global credit packets: 32  
Egress congested threshold bytes normal: 1514  
Egress congested threshold bytes half: 3028  
Egress congested threshold bytes quarter: 6056  
Egress congested threshold bytes not-frw: 12112  
Egress congested threshold packets normal: 8  
Egress congested threshold packets half: 16  
Egress congested threshold packets quarter: 32  
Egress congested threshold packets not-frw: 64  
QDA queue: 255  
Cluster flags: None  
Ingress queue count: 2  
QoS queue 0: 10  
QoS queue 1: 11  
Egress queue count: 2  
Eg queue 0: 1.285  
Eg queue 1: 1.269  
Cluster DMEM Base Address: 0xF3E12340 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[6]:  
#####  
# cluster 6 configuration: #  
#####  
Phy Cluster ID: 6  
#####
```

```
-----  
Q-12 (0 )=====> |  
                |=====> EgQ:1.286  
                |=====> EgQ:1.270  
Q-13 (1 )=====> |  
-----
```

```
Dev name: cni0  
Vpid index: VPID 50  
Vpid QoS mode: NORMAL  
Cluster scheduling type:SP  
Cluster user identifier: 6  
QoS PDSP number: QoS_PDSP_0  
Cluster scheduling mode: Strict  
Number of priorities: 2  
Cluster bit rate limit: 1000000 Kbps  
Cluster PPS limit: 480 Kpps
```


Egress queue count: 2
Eg queue 0: 1.286
Eg queue 1: 1.270
Cluster DMEM Base Address: 0xF3E12380 , Size: 64

/proc/net/qosmanager/getClusterConf[7]:

```
#####  
# cluster 7 configuration: #  
#####  
Phy Cluster ID: 7  
#####
```

```
-----  
Q-14 (0 )=====> |  
                  |=====> EgQ:1.287  
                  |=====> EgQ:1.271  
Q-15 (1 )=====> |  
-----
```

Dev name: cni0
Vpid index: VPID 50
Vpid QoS mode: NORMAL
Cluster scheduling type:SP
Cluster user identifier: 7
QoS PDSP number: QoS_PDSP_0
Cluster scheduling mode: Strict
Number of priorities: 2
Cluster bit rate limit: 1000000 Kbps
Cluster PPS limit: 480 Kpps

Cluster thresholds:

```
#####  
Max global credit bytes: 3125  
Max global credit packets: 32  
Egress congested threshold bytes normal: 1514  
Egress congested threshold bytes half: 3028  
Egress congested threshold bytes quarter: 6056  
Egress congested threshold bytes not-frw: 12112  
Egress congested threshold packets normal: 8  
Egress congested threshold packets half: 16  
Egress congested threshold packets quarter: 32  
Egress congested threshold packets not-frw: 64
```

Input Queues:

```
#####  
### Queue 14 ###  
Egress Queue: 1.287  
Queue flags: None  
Iteration credit bytes: 3125  
Iteration credit packets: 12  
Max credit bytes: 24192  
Max credit packets: 256
```

Congested threshold bytes: 24192
Congested threshold packets: 64
Queue 15 ###
Egress Queue: 1.271
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0

Max credit bytes: 24224
Max credit packets: 16

Congested threshold bytes: 30280
Congested threshold packets: 64

```
/proc/net/qosmanager/getClusterConfFromFw[7]:  
#####  
# cluster 7 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 3125  
Global credit packets: 32  
Max global credit bytes: 3125  
Max global credit packets: 32  
Egress congested threshold bytes normal: 1514  
Egress congested threshold bytes half: 3028  
Egress congested threshold bytes quarter: 6056  
Egress congested threshold bytes not-frw: 12112  
Egress congested threshold packets normal: 8  
Egress congested threshold packets half: 16  
Egress congested threshold packets quarter: 32  
Egress congested threshold packets not-frw: 64  
QDA queue: 255  
Cluster flags: None  
Ingress queue count: 2  
QoS queue 0: 14  
QoS queue 1: 15  
Egress queue count: 2  
Eg queue 0: 1.287  
Eg queue 1: 1.271  
Cluster DMEM Base Address: 0xF3E123C0 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[8]:  
#####  
# cluster 8 configuration: #  
#####  
Phy Cluster ID: 8  
#####
```

```
-----  
Q-16 (0 )=====> |  
                  |=====> EgQ:1.288  
                  |=====> EgQ:1.272  
Q-17 (1 )=====> |  
-----
```

```
Dev name:          cni0  
Vpid index:        VPID 50  
Vpid QoS mode:     NORMAL  
Cluster scheduling type:SP  
Cluster user identifier: 8  
QoS PDSP number:   QoS_PDSP_0  
Cluster scheduling mode: Strict  
Number of priorities: 2  
Cluster bit rate limit: 1000000 Kbps  
Cluster PPS limit: 480 Kpps
```

Cluster thresholds:

```
#####
Max global credit bytes:          3125
Max global credit packets:        32
Egress congested threshold bytes  normal: 1514
Egress congested threshold bytes  half:   3028
Egress congested threshold bytes  quarter: 6056
Egress congested threshold bytes  not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half:   16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64
```

```
Input Queues:
#####
### Queue 16 ###
Egress Queue:          1.288
Queue flags:           None
Iteration credit bytes: 3125
Iteration credit packets: 12
Max credit bytes:      24192
Max credit packets:    256
```

```
Congested threshold bytes: 24192
Congested threshold packets: 64
### Queue 17 ###
Egress Queue:          1.272
Queue flags:           None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes:      24224
Max credit packets:    16

Congested threshold bytes: 30280
Congested threshold packets: 64
```

```
/proc/net/qosmanager/getClusterConfFromFw[8]:
#####
# cluster 8 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:          3125
Global credit packets:        32
Max global credit bytes:      3125
Max global credit packets:    32
Egress congested threshold bytes  normal: 1514
Egress congested threshold bytes  half:   3028
Egress congested threshold bytes  quarter: 6056
Egress congested threshold bytes  not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half:   16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64
QDA queue:                    255
Cluster flags:                 None
Ingress queue count:           2
QoS queue 0:                   16
QoS queue 1:                   17
Egress queue count:            2
Eg queue 0:                    1.288
```

Eg queue 1: 1.272
Cluster DMEM Base Address: 0xF3E12400 , Size: 64

/proc/net/qosmanager/getClusterConf[9]:

```
#####  
# cluster 9 configuration: #  
#####  
Phy Cluster ID: 9  
#####
```

```
-----  
Q-18 (0 )=====> |  
                  |=====> EgQ:1.289  
                  |=====> EgQ:1.273  
Q-19 (1 )=====> |  
-----
```

```
Dev name:          cni0  
Vpid index:       VPID 50  
Vpid QoS mode:    NORMAL  
Cluster scheduling type:SP  
Cluster user identifier: 9  
QoS PDSP number:  QoS_PDSP_0  
Cluster scheduling mode: Strict  
Number of priorities: 2  
Cluster bit rate limit: 1000000 Kbps  
Cluster PPS limit: 480 Kpps
```

Cluster thresholds:

```
#####  
Max global credit bytes: 3125  
Max global credit packets: 32  
Egress congested threshold bytes normal: 1514  
Egress congested threshold bytes half: 3028  
Egress congested threshold bytes quarter: 6056  
Egress congested threshold bytes not-frw: 12112  
Egress congested threshold packets normal: 8  
Egress congested threshold packets half: 16  
Egress congested threshold packets quarter: 32  
Egress congested threshold packets not-frw: 64
```

Input Queues:

```
#####  
### Queue 18 ###  
Egress Queue: 1.289  
Queue flags: None  
Iteration credit bytes: 3125  
Iteration credit packets: 12  
Max credit bytes: 24192  
Max credit packets: 256
```

```
Congested threshold bytes: 24192  
Congested threshold packets: 64
```

Queue 19

```
Egress Queue: 1.273  
Queue flags: None  
Iteration credit bytes: 0  
Iteration credit packets: 0  
Max credit bytes: 24224  
Max credit packets: 16
```


Congested threshold bytes: 30280
Congested threshold packets: 64

```
/proc/net/qosmanager/getClusterConfFromFw[9]:  
#####  
# cluster 9 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 3125  
Global credit packets: 32  
Max global credit bytes: 3125  
Max global credit packets: 32  
Egress congested threshold bytes normal: 1514  
Egress congested threshold bytes half: 3028  
Egress congested threshold bytes quarter: 6056  
Egress congested threshold bytes not-fw: 12112  
Egress congested threshold packets normal: 8  
Egress congested threshold packets half: 16  
Egress congested threshold packets quarter: 32  
Egress congested threshold packets not-fw: 64  
QDA queue: 255  
Cluster flags: None  
Ingress queue count: 2  
QoS queue 0: 18  
QoS queue 1: 19  
Egress queue count: 2  
Eg queue 0: 1.289  
Eg queue 1: 1.273  
Cluster DMEM Base Address: 0xF3E12440 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[10]:  
#####  
# cluster 10 configuration: #  
#####  
Phy Cluster ID: 10  
#####
```

```
-----  
Q-20 (0 )=====> |  
                |=====> EgQ:1.290  
                |=====> EgQ:1.274  
Q-21 (1 )=====> |  
-----
```

```
Dev name: cni0  
Vpid index: VPID 50  
Vpid QoS mode: NORMAL  
Cluster scheduling type:SP  
Cluster user identifier: 10  
QoS PDSP number: QoS_PDSP_0  
Cluster scheduling mode: Strict  
Number of priorities: 2  
Cluster bit rate limit: 1000000 Kbps  
Cluster PPS limit: 480 Kpps
```

```
Cluster thresholds:  
#####  
Max global credit bytes: 3125
```

Max global credit packets: 32
Egress congested threshold bytes normal: 1514
Egress congested threshold bytes half: 3028
Egress congested threshold bytes quarter: 6056
Egress congested threshold bytes not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64

Input Queues:

#####

Queue 20

Egress Queue: 1.290
Queue flags: None
Iteration credit bytes: 3125
Iteration credit packets: 12
Max credit bytes: 24192
Max credit packets: 256

Congested threshold bytes: 24192
Congested threshold packets: 64

Queue 21

Egress Queue: 1.274
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 24224
Max credit packets: 16

Congested threshold bytes: 30280
Congested threshold packets: 64

/proc/net/qosmanager/getClusterConfFromFw[10]:

#####

cluster 10 configuration in FW:

#####

Cluster thresholds (FW):

#####

Global credit bytes: 3125
Global credit packets: 32
Max global credit bytes: 3125
Max global credit packets: 32
Egress congested threshold bytes normal: 1514
Egress congested threshold bytes half: 3028
Egress congested threshold bytes quarter: 6056
Egress congested threshold bytes not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64
QDA queue: 255
Cluster flags: None
Ingress queue count: 2
QoS queue 0: 20
QoS queue 1: 21
Egress queue count: 2
Eg queue 0: 1.290
Eg queue 1: 1.274
Cluster DMEM Base Address: 0xF3E12480 , Size: 64

/proc/net/qosmanager/getClusterConf[11]:

```
#####  
# cluster 11 configuration: #  
#####  
Phy Cluster ID: 11  
#####
```

```
-----  
Q-22  (0 )=====> |  
                |=====> EgQ:1.291  
                |=====> EgQ:1.275  
Q-23  (1 )=====> |  
-----
```

```
Dev name:          cni0  
Vpid index:       VPID 50  
Vpid QoS mode:    NORMAL  
Cluster scheduling type:SP  
Cluster user identifier: 11  
QoS PDSP number:  QoS_PDSP_0  
Cluster scheduling mode: Strict  
Number of priorities: 2  
Cluster bit rate limit: 1000000 Kbps  
Cluster PPS limit: 480 Kpps
```

Cluster thresholds:

```
#####  
Max global credit bytes: 3125  
Max global credit packets: 32  
Egress congested threshold bytes normal: 1514  
Egress congested threshold bytes half: 3028  
Egress congested threshold bytes quarter: 6056  
Egress congested threshold bytes not-frw: 12112  
Egress congested threshold packets normal: 8  
Egress congested threshold packets half: 16  
Egress congested threshold packets quarter: 32  
Egress congested threshold packets not-frw: 64
```

Input Queues:

```
#####  
### Queue 22 ###  
Egress Queue: 1.291  
Queue flags: None  
Iteration credit bytes: 3125  
Iteration credit packets: 12  
Max credit bytes: 24192  
Max credit packets: 256
```

```
Congested threshold bytes: 24192  
Congested threshold packets: 64
```

```
### Queue 23 ###  
Egress Queue: 1.275  
Queue flags: None  
Iteration credit bytes: 0  
Iteration credit packets: 0  
Max credit bytes: 24224  
Max credit packets: 16
```

```
Congested threshold bytes: 30280
```

Congested threshold packets: 64

```
/proc/net/qosmanager/getClusterConfFromFw[11]:
#####
# cluster 11 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                3125
Global credit packets:              32
Max global credit bytes:            3125
Max global credit packets:          32
Egress congested threshold bytes   normal: 1514
Egress congested threshold bytes   half: 3028
Egress congested threshold bytes   quarter: 6056
Egress congested threshold bytes   not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64
QDA queue:                          255
Cluster flags:                      None
Ingress queue count:                2
QoS queue 0:                        22
QoS queue 1:                        23
Egress queue count:                 2
Eg queue 0:                         1.291
Eg queue 1:                         1.275
Cluster DMEM Base Address:          0xF3E124C0 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[12]:
#####
# cluster 12 configuration: #
#####
Phy Cluster ID: 12
#####
-----
Q-24  (0 )=====> |
                |=====> EgQ:1.292
                |=====> EgQ:1.276
Q-25  (1 )=====> |
                -----
Dev name:                cni0
Vpid index:              VPID 50
Vpid QoS mode:          NORMAL
Cluster scheduling type: SP
Cluster user identifier: 12
QoS PDSP number:        QoS_PDSP_0
Cluster scheduling mode: Strict
Number of priorities:    2
Cluster bit rate limit: 1000000 Kbps
Cluster PPS limit:      480 Kpps
```

```
Cluster thresholds:
#####
Max global credit bytes:                3125
Max global credit packets:              32
Egress congested threshold bytes   normal: 1514
```

Egress congested threshold bytes half: 3028
Egress congested threshold bytes quarter: 6056
Egress congested threshold bytes not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64

Input Queues:

#####

Queue 24

Egress Queue: 1.292
Queue flags: None
Iteration credit bytes: 3125
Iteration credit packets: 12
Max credit bytes: 24192
Max credit packets: 256

Congested threshold bytes: 24192
Congested threshold packets: 64

Queue 25

Egress Queue: 1.276
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 24224
Max credit packets: 16

Congested threshold bytes: 30280
Congested threshold packets: 64

/proc/net/qosmanager/getClusterConfFromFw[12]:

#####

cluster 12 configuration in FW:

#####

Cluster thresholds (FW):

#####

Global credit bytes: 3125
Global credit packets: 32
Max global credit bytes: 3125
Max global credit packets: 32
Egress congested threshold bytes normal: 1514
Egress congested threshold bytes half: 3028
Egress congested threshold bytes quarter: 6056
Egress congested threshold bytes not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64

QDA queue: 255

Cluster flags: None

Ingress queue count: 2

QoS queue 0: 24

QoS queue 1: 25

Egress queue count: 2

Eg queue 0: 1.292

Eg queue 1: 1.276

Cluster DMEM Base Address: 0xF3E12500 , Size: 64

/proc/net/qosmanager/getClusterConf[13]:

#####

cluster 13 configuration:

#####

Phy Cluster ID: 13

#####

```
-----
Q-26  (0 )=====> |
                    |=====> EgQ:1.293
                    |=====> EgQ:1.277
Q-27  (1 )=====> |
                    |
-----
```

Dev name: cni0
Vpid index: VPID 50
Vpid QoS mode: NORMAL
Cluster scheduling type:SP
Cluster user identifier: 13
QoS PDSP number: QoS_PDSP_0
Cluster scheduling mode: Strict
Number of priorities: 2
Cluster bit rate limit: 1000000 Kbps
Cluster PPS limit: 480 Kpps

Cluster thresholds:

#####

Max global credit bytes: 3125
Max global credit packets: 32
Egress congested threshold bytes normal: 1514
Egress congested threshold bytes half: 3028
Egress congested threshold bytes quarter: 6056
Egress congested threshold bytes not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64

Input Queues:

#####

Queue 26

Egress Queue: 1.293
Queue flags: None
Iteration credit bytes: 3125
Iteration credit packets: 12
Max credit bytes: 24192
Max credit packets: 256

Congested threshold bytes: 24192
Congested threshold packets: 64

Queue 27

Egress Queue: 1.277
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 24224
Max credit packets: 16

Congested threshold bytes: 30280
Congested threshold packets: 64

```

/proc/net/qosmanager/getClusterConfFromFw[13]:
#####
# cluster 13 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                3125
Global credit packets:              32
Max global credit bytes:            3125
Max global credit packets:          32
Egress congested threshold bytes   normal: 1514
Egress congested threshold bytes   half:    3028
Egress congested threshold bytes   quarter: 6056
Egress congested threshold bytes   not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half:   16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 2
QoS queue 0:                         26
QoS queue 1:                         27
Egress queue count:                 2
Eg queue 0:                          1.293
Eg queue 1:                          1.277
Cluster DMEM Base Address:           0xF3E12540 , Size: 64

```

```

/proc/net/qosmanager/getClusterConf[14]:
#####
# cluster 14 configuration: #
#####
Phy Cluster ID: 14
#####

```

```

-----
Q-28  (0 )=====> |
                |=====> EgQ:1.294
                |=====> EgQ:1.278
Q-29  (1 )=====> |
-----

```

```

Dev name:                cni0
Vpid index:              VPID 50
Vpid QoS mode:           NORMAL
Cluster scheduling type: SP
Cluster user identifier: 14
QoS PDSP number:         QoS_PDSP_0
Cluster scheduling mode: Strict
Number of priorities:    2
Cluster bit rate limit:  1000000 Kbps
Cluster PPS limit:       480 Kpps

```

```

Cluster thresholds:
#####
Max global credit bytes:                3125
Max global credit packets:              32
Egress congested threshold bytes   normal: 1514
Egress congested threshold bytes   half:    3028
Egress congested threshold bytes   quarter: 6056

```

Egress congested threshold bytes not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64

Input Queues:

#####

Queue 28

Egress Queue: 1.294
Queue flags: None
Iteration credit bytes: 3125
Iteration credit packets: 12
Max credit bytes: 24192
Max credit packets: 256

Congested threshold bytes: 24192
Congested threshold packets: 64

Queue 29

Egress Queue: 1.278
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 24224
Max credit packets: 16

Congested threshold bytes: 30280
Congested threshold packets: 64

/proc/net/qosmanager/getClusterConfFromFw[14]:

#####

cluster 14 configuration in FW:

#####

Cluster thresholds (FW):

#####

Global credit bytes: 3125
Global credit packets: 32
Max global credit bytes: 3125
Max global credit packets: 32
Egress congested threshold bytes normal: 1514
Egress congested threshold bytes half: 3028
Egress congested threshold bytes quarter: 6056
Egress congested threshold bytes not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64
QDA queue: 255
Cluster flags: None
Ingress queue count: 2
QoS queue 0: 28
QoS queue 1: 29
Egress queue count: 2
Eg queue 0: 1.294
Eg queue 1: 1.278
Cluster DMEM Base Address: 0xF3E12580 , Size: 64

/proc/net/qosmanager/getClusterConf[15]:

#####


```

# cluster 15 configuration: #
#####
Phy Cluster ID: 15
#####
-----
Q-30  (0 )=====> |
                    |=====> EgQ:1.295
                    |=====> EgQ:1.279
Q-31  (1 )=====> |
                    |
-----
Dev name:                cni0
Vpid index:              VPID 50
Vpid QoS mode:           NORMAL
Cluster scheduling type: SP
Cluster user identifier: 15
QoS PDSP number:        QoS_PDSP_0
Cluster scheduling mode: Strict
Number of priorities:    2
Cluster bit rate limit: 1000000 Kbps
Cluster PPS limit:      480 Kpps

```

```

Cluster thresholds:
#####
Max global credit bytes:          3125
Max global credit packets:        32
Egress congested threshold bytes normal: 1514
Egress congested threshold bytes half: 3028
Egress congested threshold bytes quarter: 6056
Egress congested threshold bytes not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half: 16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64

```

```

Input Queues:
#####
### Queue 30 ###
Egress Queue:          1.295
Queue flags:           None
Iteration credit bytes: 3125
Iteration credit packets: 12
Max credit bytes:      24192
Max credit packets:    256

```

```

Congested threshold bytes: 24192
Congested threshold packets: 64
### Queue 31 ###
Egress Queue:          1.279
Queue flags:           None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes:      24224
Max credit packets:    16

```

```

Congested threshold bytes: 30280
Congested threshold packets: 64

```

```

/proc/net/qosmanager/getClusterConfFromFw[15]:
#####

```

```

# cluster 15 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                3125
Global credit packets:              32
Max global credit bytes:            3125
Max global credit packets:          32
Egress congested threshold bytes   normal: 1514
Egress congested threshold bytes   half:    3028
Egress congested threshold bytes   quarter: 6056
Egress congested threshold bytes   not-frw: 12112
Egress congested threshold packets normal: 8
Egress congested threshold packets half:   16
Egress congested threshold packets quarter: 32
Egress congested threshold packets not-frw: 64
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 2
QoS queue 0:                        30
QoS queue 1:                        31
Egress queue count:                 2
Eg queue 0:                         1.295
Eg queue 1:                         1.279
Cluster DMEM Base Address:           0xF3E125C0 , Size: 64

```

```

/proc/net/qosmanager/getClusterConf[16]:
/proc/net/qosmanager/getClusterConfFromFw[16]:
#####
# cluster 16 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                3028
Global credit packets:              32
Max global credit bytes:            3028
Max global credit packets:          32
Egress congested threshold bytes   normal: 4294967295
Egress congested threshold bytes   half:    4294967295
Egress congested threshold bytes   quarter: 4294967295
Egress congested threshold bytes   not-frw: 4294967295
Egress congested threshold packets normal: 0
Egress congested threshold packets half:   500
Egress congested threshold packets quarter: 1000
Egress congested threshold packets not-frw: 65535
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 4
QoS queue 0:                        32
QoS queue 1:                        33
QoS queue 2:                        34
QoS queue 3:                        35
Egress queue count:                 2
Eg queue 0:                         1.406
Eg queue 1:                         1.407
Cluster DMEM Base Address:           0xF3E12600 , Size: 64

```

```

/proc/net/qosmanager/getClusterConf[17]:

```

```
#####
# cluster 17 configuration: #
#####
Phy Cluster ID: 17
#####
```

```
-----
Q-36 (0 )=====> |
                |=====> EgQ:1.408
                |=====> EgQ:1.409
Q-37 (0 )=====> |
                |
-----
```

```
Cluster type shaper:          0
Cluster scheduling type:SP
Cluster user identifier:      0
QoS PDSP number:             QoS_PDSP_1
Cluster scheduling mode:      Strict
Number of priorities:         2
Cluster bit rate limit:      2449920 Kbps
Cluster PPS limit:           4000 Kpps
```

```
Cluster thresholds:
#####
Max global credit bytes:      7656
Max global credit packets:    32
Egress congested threshold bytes normal: 4294967295
Egress congested threshold bytes half: 4294967295
Egress congested threshold bytes quarter: 4294967295
Egress congested threshold bytes not-frw: 4294967295
Egress congested threshold packets normal: 0
Egress congested threshold packets half: 750
Egress congested threshold packets quarter: 1500
Egress congested threshold packets not-frw: 10000
```

```
Input Queues:
#####
### Queue 36 ###
Egress Queue:                 1.408
Queue flags:                  REALTIME_FLAG QDA_DISABLE_FLAG
Iteration credit bytes:       7656
Iteration credit packets:     100
Max credit bytes:             0
Max credit packets:           0
```

```
Congested threshold bytes:    0
Congested threshold packets:  0
### Queue 37 ###
Egress Queue:                 1.409
Queue flags:                  REALTIME_FLAG QDA_DISABLE_FLAG
Iteration credit bytes:       0
Iteration credit packets:     0
Max credit bytes:             0
Max credit packets:           0
```

```
Congested threshold bytes:    0
Congested threshold packets:  0
```

```
/proc/net/qosmanager/getClusterConfFromFw[17]:
#####
# cluster 17 configuration in FW: #
```

```
#####
Cluster thresholds (FW):
#####
Global credit bytes:                7656
Global credit packets:              32
Max global credit bytes:            7656
Max global credit packets:          32
Egress congested threshold bytes   normal: 4294967295
Egress congested threshold bytes   half:   4294967295
Egress congested threshold bytes   quarter: 4294967295
Egress congested threshold bytes   not-frw: 4294967295
Egress congested threshold packets normal: 0
Egress congested threshold packets half:   750
Egress congested threshold packets quarter: 1500
Egress congested threshold packets not-frw: 10000
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 2
QoS queue 0:                         36
QoS queue 1:                         37
Egress queue count:                  2
Eg queue 0:                          1.408
Eg queue 1:                          1.409
Cluster DMEM Base Address:           0xF3E12640 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[18]:
```

```
#####
# cluster 18 configuration: #
#####
Phy Cluster ID: 18
#####
```

```
-----
Q-41  (0 )=====> |
Q-40  (1 )=====> |
                |=====> EgQ:1.36 --> Shaper Q (cluster 17)
                |=====> EgQ:1.37 --> Shaper Q (cluster 17)
Q-39  (2 )=====> |
Q-38  (3 )=====> |
-----
```

```
Dev name:                eth1
Vpid index:              VPID 45
Vpid QoS mode:           NORMAL
Cluster scheduling type: SP
Cluster user identifier: 0
QoS PDSP number:        QoS_PDSP_1
Cluster scheduling mode: Strict
Number of priorities:    4
Cluster bit rate limit:  97920 Kbps
Cluster PPS limit:       4000 Kpps
```

```
Cluster thresholds:
#####
Max global credit bytes:                3028
Max global credit packets:              32
Egress congested threshold bytes   normal: 4294967295
Egress congested threshold bytes   half:   4294967295
Egress congested threshold bytes   quarter: 4294967295
Egress congested threshold bytes   not-frw: 4294967295
```

Egress congested threshold packets normal: 0
Egress congested threshold packets half: 500
Egress congested threshold packets quarter: 1000
Egress congested threshold packets not-fw: 65535

Input Queues:

#####

Queue 41

Egress Queue: 1.36
Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 306
Iteration credit packets: 100
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

Queue 40

Egress Queue: 1.36
Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

Queue 39

Egress Queue: 1.37
Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

Queue 38

Egress Queue: 1.37
Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 2700

/proc/net/qosmanager/getClusterConfFromFw[18]:

cluster 18 configuration in FW: #
#####

Cluster thresholds (FW):

#####

Global credit bytes: 3028
Global credit packets: 32

```

Max global credit bytes:          3028
Max global credit packets:       32
Egress congested threshold bytes normal: 4294967295
Egress congested threshold bytes half: 4294967295
Egress congested threshold bytes quarter: 4294967295
Egress congested threshold bytes not-frw: 4294967295
Egress congested threshold packets normal: 0
Egress congested threshold packets half: 500
Egress congested threshold packets quarter: 1000
Egress congested threshold packets not-frw: 65535
QDA queue:                        255
Cluster flags:                    None
Ingress queue count:             4
QoS queue 0:                     41
QoS queue 1:                     40
QoS queue 2:                     39
QoS queue 3:                     38
Egress queue count:              2
Eg queue 0:                      1.36
Eg queue 1:                      1.37
Cluster DMEM Base Address:       0xF3E12680 , Size: 64

```

```
/proc/net/qosmanager/getClusterConf[19]:
```

```
#####
# cluster 19 configuration: #
#####
Phy Cluster ID: 19
#####
```

```

-----
Q-45  (0 )=====> |
Q-44  (1 )=====> |
                |=====> EgQ:1.36 --> Shaper Q (cluster 17)
                |=====> EgQ:1.37 --> Shaper Q (cluster 17)
Q-43  (2 )=====> |
Q-42  (3 )=====> |
-----

```

```

Dev name:                eth0
Vpid index:              VPID 44
Vpid QoS mode:          NORMAL
Cluster scheduling type: SP
Cluster user identifier: 0
QoS PDSP number:        QoS_PDSP_1
Cluster scheduling mode: Strict
Number of priorities:    4
Cluster bit rate limit: 97920 Kbps
Cluster PPS limit:      4000 Kpps

```

```
Cluster thresholds:
```

```
#####
Max global credit bytes:          3028
Max global credit packets:       32
Egress congested threshold bytes normal: 4294967295
Egress congested threshold bytes half: 4294967295
Egress congested threshold bytes quarter: 4294967295
Egress congested threshold bytes not-frw: 4294967295
Egress congested threshold packets normal: 0
Egress congested threshold packets half: 500
Egress congested threshold packets quarter: 1000

```

Egress congested threshold packets not-fw: 65535

Input Queues:

#####

Queue 45

Egress Queue: 1.36

Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG

QDA_DISABLE_FLAG

Iteration credit bytes: 306

Iteration credit packets: 100

Max credit bytes: 0

Max credit packets: 0

Congested threshold bytes: 0

Congested threshold packets: 1200

Queue 44

Egress Queue: 1.36

Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG

QDA_DISABLE_FLAG

Iteration credit bytes: 0

Iteration credit packets: 0

Max credit bytes: 0

Max credit packets: 0

Congested threshold bytes: 0

Congested threshold packets: 1200

Queue 43

Egress Queue: 1.37

Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG

QDA_DISABLE_FLAG

Iteration credit bytes: 0

Iteration credit packets: 0

Max credit bytes: 0

Max credit packets: 0

Congested threshold bytes: 0

Congested threshold packets: 1200

Queue 42

Egress Queue: 1.37

Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG

QDA_DISABLE_FLAG

Iteration credit bytes: 0

Iteration credit packets: 0

Max credit bytes: 0

Max credit packets: 0

Congested threshold bytes: 0

Congested threshold packets: 2700

/proc/net/qosmanager/getClusterConfFromFw[19]:

#####

cluster 19 configuration in FW:

#####

Cluster thresholds (FW):

#####

Global credit bytes: 3028

Global credit packets: 32

Max global credit bytes: 3028

Max global credit packets: 32

Egress congested threshold bytes normal: 4294967295

```

Egress congested threshold bytes half: 4294967295
Egress congested threshold bytes quarter: 4294967295
Egress congested threshold bytes not-frw: 4294967295
Egress congested threshold packets normal: 0
Egress congested threshold packets half: 500
Egress congested threshold packets quarter: 1000
Egress congested threshold packets not-frw: 65535
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 45
QoS queue 1: 44
QoS queue 2: 43
QoS queue 3: 42
Egress queue count: 2
Eg queue 0: 1.36
Eg queue 1: 1.37
Cluster DMEM Base Address: 0xF3E126C0 , Size: 64

```

```
/proc/net/qosmanager/getClusterConf[20]:
```

```
#####
# cluster 20 configuration: #
#####
Phy Cluster ID: 20
#####
```

```

-----
Q-46 (0 )=====> |
Q-47 (1 )=====> |
                |=====> EgQ:1.36 --> Shaper Q (cluster 17)
                |=====> EgQ:1.37 --> Shaper Q (cluster 17)
Q-48 (2 )=====> |
Q-49 (3 )=====> |
-----

```

```

Dev name: eth3
Vpid index: VPID 47
Vpid QoS mode: NORMAL
Cluster scheduling type:SP
Cluster user identifier: 0
QoS PDSP number: QoS_PDSP_1
Cluster scheduling mode: Strict
Number of priorities: 4
Cluster bit rate limit: 97920 Kbps
Cluster PPS limit: 4000 Kpps

```

```
Cluster thresholds:
```

```
#####
Max global credit bytes: 3028
Max global credit packets: 32
Egress congested threshold bytes normal: 4294967295
Egress congested threshold bytes half: 4294967295
Egress congested threshold bytes quarter: 4294967295
Egress congested threshold bytes not-frw: 4294967295
Egress congested threshold packets normal: 0
Egress congested threshold packets half: 500
Egress congested threshold packets quarter: 1000
Egress congested threshold packets not-frw: 65535

```

```
Input Queues:
```



```
#####
### Queue 46 ###
Egress Queue:                1.36
Queue flags:                 REALTIME_FLAG  DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes:      306
Iteration credit packets:    100
Max credit bytes:            0
Max credit packets:          0
```

```
Congested threshold bytes:    0
Congested threshold packets: 1200
```

```
### Queue 47 ###
Egress Queue:                1.36
Queue flags:                 REALTIME_FLAG  DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes:      0
Iteration credit packets:    0
Max credit bytes:            0
Max credit packets:          0
```

```
Congested threshold bytes:    0
Congested threshold packets: 1200
```

```
### Queue 48 ###
Egress Queue:                1.37
Queue flags:                 REALTIME_FLAG  DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes:      0
Iteration credit packets:    0
Max credit bytes:            0
Max credit packets:          0
```

```
Congested threshold bytes:    0
Congested threshold packets: 1200
```

```
### Queue 49 ###
Egress Queue:                1.37
Queue flags:                 REALTIME_FLAG  DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes:      0
Iteration credit packets:    0
Max credit bytes:            0
Max credit packets:          0
```

```
Congested threshold bytes:    0
Congested threshold packets: 2700
```

```
/proc/net/qosmanager/getClusterConfFromFw[20]:
#####
# cluster 20 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:          3028
Global credit packets:        32
Max global credit bytes:      3028
Max global credit packets:     32
Egress congested threshold bytes normal: 4294967295
Egress congested threshold bytes half:   4294967295
Egress congested threshold bytes quarter: 4294967295
Egress congested threshold bytes not-frw: 4294967295
```

```

Egress congested threshold packets normal: 0
Egress congested threshold packets half: 500
Egress congested threshold packets quarter: 1000
Egress congested threshold packets not-frw: 65535
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 46
QoS queue 1: 47
QoS queue 2: 48
QoS queue 3: 49
Egress queue count: 2
Eg queue 0: 1.36
Eg queue 1: 1.37
Cluster DMEM Base Address: 0xF3E12700 , Size: 64

```

```

/proc/net/qosmanager/getClusterConf[21]:

```

```

#####
# cluster 21 configuration: #
#####
Phy Cluster ID: 21
#####

```

```

-----
Q-50 (0 )=====> |
Q-51 (1 )=====> |
                |=====> EgQ:1.36 --> Shaper Q (cluster 17)
                |=====> EgQ:1.37 --> Shaper Q (cluster 17)
Q-52 (2 )=====> |
Q-53 (3 )=====> |
-----

```

```

Dev name: eth2
Vpid index: VPID 46
Vpid QoS mode: NORMAL
Cluster scheduling type:SP
Cluster user identifier: 0
QoS PDSP number: QoS_PDSP_1
Cluster scheduling mode: Strict
Number of priorities: 4
Cluster bit rate limit: 984960 Kbps
Cluster PPS limit: 4000 Kpps

```

```

Cluster thresholds:
#####
Max global credit bytes: 3078
Max global credit packets: 32
Egress congested threshold bytes normal: 12600
Egress congested threshold bytes half: 16000
Egress congested threshold bytes quarter: 16000
Egress congested threshold bytes not-frw: 16000
Egress congested threshold packets normal: 0
Egress congested threshold packets half: 500
Egress congested threshold packets quarter: 1000
Egress congested threshold packets not-frw: 65535

```

```

Input Queues:
#####
### Queue 50 ###
Egress Queue: 1.36

```

Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 3078
Iteration credit packets: 100
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

Queue 51

Egress Queue: 1.36
Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

Queue 52

Egress Queue: 1.37
Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

Queue 53

Egress Queue: 1.37
Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 2700

```
/proc/net/qosmanager/getClusterConfFromFw[21]:  
#####  
# cluster 21 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 3078  
Global credit packets: 32  
Max global credit bytes: 3078  
Max global credit packets: 32  
Egress congested threshold bytes normal: 12600  
Egress congested threshold bytes half: 16000  
Egress congested threshold bytes quarter: 16000  
Egress congested threshold bytes not-frw: 16000  
Egress congested threshold packets normal: 0  
Egress congested threshold packets half: 500  
Egress congested threshold packets quarter: 1000
```

Egress congested threshold packets not-frw: 65535
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 50
QoS queue 1: 51
QoS queue 2: 52
QoS queue 3: 53
Egress queue count: 2
Eg queue 0: 1.36
Eg queue 1: 1.37
Cluster DMEM Base Address: 0xF3E12740 , Size: 64

/proc/net/qosmanager/getClusterConf[24]:

```
#####  
# cluster 24 configuration: #  
#####  
Phy Cluster ID: 24  
#####
```

```
-----  
Q-62 (0 )=====> |  
Q-63 (1 )=====> |  
                |=====> EgQ:1.260  
                |=====> EgQ:1.261  
Q-64 (2 )=====> |  
Q-65 (3 )=====> |  
-----
```

Dev name: ngmii4
Vpid index: VPID 48
Vpid QoS mode: NORMAL
Cluster scheduling type:SP
Cluster user identifier: 0
QoS PDSP number: QoS_PDSP_1
Cluster scheduling mode: Strict
Number of priorities: 4
Cluster bit rate limit: 2000000 Kbps
Cluster PPS limit: 4000 Kpps

Cluster thresholds:

```
#####  
Max global credit bytes: 6250  
Max global credit packets: 100  
Egress congested threshold bytes normal: 48448  
Egress congested threshold bytes half: 96896  
Egress congested threshold bytes quarter: 193792  
Egress congested threshold bytes not-frw: 387584  
Egress congested threshold packets normal: 32  
Egress congested threshold packets half: 64  
Egress congested threshold packets quarter: 128  
Egress congested threshold packets not-frw: 256
```

Input Queues:

```
#####  
### Queue 62 ###  
Egress Queue: 1.260  
Queue flags: None  
Iteration credit bytes: 6250  
Iteration credit packets: 100
```

Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 500

Queue 63

Egress Queue: 1.260
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 500

Queue 64

Egress Queue: 1.261
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 500

Queue 65

Egress Queue: 1.261
Queue flags: DROP_EXCESSIVE_FLAG QDA_DISABLE_FLAG
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

/proc/net/qosmanager/getClusterConfFromFw[24]:

cluster 24 configuration in FW: #
#####

Cluster thresholds (FW):

#####

Global credit bytes: 6250
Global credit packets: 100
Max global credit bytes: 6250
Max global credit packets: 100
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 62
QoS queue 1: 63
QoS queue 2: 64

QoS queue 3: 65
Egress queue count: 2
Eg queue 0: 1.260
Eg queue 1: 1.261
Cluster DMEM Base Address: 0xF3E12800 , Size: 64

/proc/net/qosmanager/getClusterConf[25]:

```
#####  
# cluster 25 configuration: #  
#####  
Phy Cluster ID: 25  
#####
```

```
-----  
Q-66 (0 )=====> |  
Q-67 (1 )=====> |  
                |=====> EgQ:1.412  
                |=====> EgQ:1.413  
Q-68 (2 )=====> |  
Q-69 (3 )=====> |  
-----
```

Dev name: nrgmii3
Vpid index: VPID 49
Vpid QoS mode: NORMAL
Cluster scheduling type:SP
Cluster user identifier: 0
QoS PDSP number: QoS_PDSP_0
Cluster scheduling mode: Strict
Number of priorities: 4
Cluster bit rate limit: 1000000 Kbps
Cluster PPS limit: 2000 Kpps

Cluster thresholds:

```
#####  
Max global credit bytes: 3125  
Max global credit packets: 32  
Egress congested threshold bytes normal: 4294967295  
Egress congested threshold bytes half: 4294967295  
Egress congested threshold bytes quarter: 4294967295  
Egress congested threshold bytes not-frw: 4294967295  
Egress congested threshold packets normal: 0  
Egress congested threshold packets half: 500  
Egress congested threshold packets quarter: 1000  
Egress congested threshold packets not-frw: 65535
```

Input Queues:

```
#####  
### Queue 66 ###  
Egress Queue: 1.412  
Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG  
QDA_DISABLE_FLAG  
Iteration credit bytes: 3125  
Iteration credit packets: 50  
Max credit bytes: 0  
Max credit packets: 0
```

Congested threshold bytes: 0
Congested threshold packets: 1200
Queue 67

Egress Queue: 1.412
Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200
Queue 68

Egress Queue: 1.413
Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200
Queue 69

Egress Queue: 1.413
Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 2700

```
/proc/net/qosmanager/getClusterConfFromFw[25]:  
#####  
# cluster 25 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 3125  
Global credit packets: 32  
Max global credit bytes: 3125  
Max global credit packets: 32  
Egress congested threshold bytes normal: 4294967295  
Egress congested threshold bytes half: 4294967295  
Egress congested threshold bytes quarter: 4294967295  
Egress congested threshold bytes not-frw: 4294967295  
Egress congested threshold packets normal: 0  
Egress congested threshold packets half: 500  
Egress congested threshold packets quarter: 1000  
Egress congested threshold packets not-frw: 65535  
QDA queue: 255  
Cluster flags: None  
Ingress queue count: 4  
QoS queue 0: 66  
QoS queue 1: 67  
QoS queue 2: 68  
QoS queue 3: 69  
Egress queue count: 2  
Eg queue 0: 1.412
```

Eg queue 1: 1.413
Cluster DMEM Base Address: 0xF3E12840 , Size: 64

/proc/net/qosmanager/getClusterConf[26]:

```
#####  
# cluster 26 configuration: #  
#####  
Phy Cluster ID: 26  
#####
```

```
-----  
Q-70 (0 )=====> |  
Q-71 (1 )=====> |  
|=====> EgQ:1.424  
Q-72 (2 )=====> |  
Q-73 (3 )=====> |  
-----
```

```
Dev name:          wifi0  
Vpid index:       VPID 43  
Vpid QoS mode:    NORMAL  
Cluster scheduling type:SP  
Cluster user identifier: 0  
QoS PDSP number:  QoS_PDSP_0  
Cluster scheduling mode: Strict  
Number of priorities: 4  
Cluster bit rate limit: 1499840 Kbps  
Cluster PPS limit: 4000 Kpps
```

Cluster thresholds:

```
#####  
Max global credit bytes: 4687  
Max global credit packets: 32  
Egress congested threshold bytes normal: 48448  
Egress congested threshold bytes half: 96896  
Egress congested threshold bytes quarter: 193792  
Egress congested threshold bytes not-frw: 387584  
Egress congested threshold packets normal: 32  
Egress congested threshold packets half: 64  
Egress congested threshold packets quarter: 128  
Egress congested threshold packets not-frw: 256
```

Input Queues:

```
#####  
### Queue 70 ###  
Egress Queue: 1.424  
Queue flags: None  
Iteration credit bytes: 4687  
Iteration credit packets: 100  
Max credit bytes: 0  
Max credit packets: 0
```

```
Congested threshold bytes: 0  
Congested threshold packets: 1200
```

```
### Queue 71 ###  
Egress Queue: 1.424  
Queue flags: None  
Iteration credit bytes: 0  
Iteration credit packets: 0  
Max credit bytes: 0
```


Max credit packets: 0
Congested threshold bytes: 0
Congested threshold packets: 1200
Queue 72 ###
Egress Queue: 1.424
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200
Queue 73 ###
Egress Queue: 1.424
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

```
/proc/net/qosmanager/getClusterConfFromFw[26]:  
#####  
# cluster 26 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 4687  
Global credit packets: 32  
Max global credit bytes: 4687  
Max global credit packets: 32  
Egress congested threshold bytes normal: 48448  
Egress congested threshold bytes half: 96896  
Egress congested threshold bytes quarter: 193792  
Egress congested threshold bytes not-frw: 387584  
Egress congested threshold packets normal: 32  
Egress congested threshold packets half: 64  
Egress congested threshold packets quarter: 128  
Egress congested threshold packets not-frw: 256  
QDA queue: 255  
Cluster flags: None  
Ingress queue count: 4  
QoS queue 0: 70  
QoS queue 1: 71  
QoS queue 2: 72  
QoS queue 3: 73  
Egress queue count: 1  
Eg queue 0: 1.424  
Cluster DMEM Base Address: 0xF3E12880 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[27]:  
#####  
# cluster 27 configuration: #  
#####  
Phy Cluster ID: 27
```

#####

```
-----  
Q-74 (0 )=====> |  
Q-75 (1 )=====> |  
                |=====> EgQ:1.425  
Q-76 (2 )=====> |  
Q-77 (3 )=====> |  
-----
```

Dev name: wifil
Vpid index: VPID 42
Vpid QoS mode: NORMAL
Cluster scheduling type:SP
Cluster user identifier: 0
QoS PDSP number: QoS_PDSP_0
Cluster scheduling mode: Strict
Number of priorities: 4
Cluster bit rate limit: 1499840 Kbps
Cluster PPS limit: 4000 Kpps

Cluster thresholds:

#####

Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256

Input Queues:

#####

Queue 74

Egress Queue: 1.425
Queue flags: None
Iteration credit bytes: 4687
Iteration credit packets: 100
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

Queue 75

Egress Queue: 1.425
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

Queue 76

Egress Queue: 1.425
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0

Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200
Queue 77 ###
Egress Queue: 1.425
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

```
/proc/net/qosmanager/getClusterConfFromFw[27]:  
#####  
# cluster 27 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 4687  
Global credit packets: 32  
Max global credit bytes: 4687  
Max global credit packets: 32  
Egress congested threshold bytes normal: 48448  
Egress congested threshold bytes half: 96896  
Egress congested threshold bytes quarter: 193792  
Egress congested threshold bytes not-frw: 387584  
Egress congested threshold packets normal: 32  
Egress congested threshold packets half: 64  
Egress congested threshold packets quarter: 128  
Egress congested threshold packets not-frw: 256  
QDA queue: 255  
Cluster flags: None  
Ingress queue count: 4  
QoS queue 0: 74  
QoS queue 1: 75  
QoS queue 2: 76  
QoS queue 3: 77  
Egress queue count: 1  
Eg queue 0: 1.425  
Cluster DMEM Base Address: 0xF3E128C0 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[28]:  
/proc/net/qosmanager/getClusterConfFromFw[28]:  
#####  
# cluster 28 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 4687  
Global credit packets: 32  
Max global credit bytes: 4687  
Max global credit packets: 32  
Egress congested threshold bytes normal: 48448  
Egress congested threshold bytes half: 96896  
Egress congested threshold bytes quarter: 193792
```

```
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 183
QoS queue 1: 182
QoS queue 2: 92
QoS queue 3: 93
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12900 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[29]:
/proc/net/qosmanager/getClusterConfFromFw[29]:
#####
# cluster 29 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 99
QoS queue 1: 100
QoS queue 2: 101
QoS queue 3: 98
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12940 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[30]:
/proc/net/qosmanager/getClusterConfFromFw[30]:
#####
# cluster 30 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
```

```
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 90
QoS queue 1: 91
QoS queue 2: 108
QoS queue 3: 109
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12980 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[31]:
/proc/net/qosmanager/getClusterConfFromFw[31]:
#####
# cluster 31 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 179
QoS queue 1: 178
QoS queue 2: 117
QoS queue 3: 116
Egress queue count: 1
Eg queue 0: 1.424
Cluster DMEM Base Address: 0xF3E129C0 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[32]:
/proc/net/qosmanager/getClusterConfFromFw[32]:
#####
# cluster 32 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
```

```
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 135
QoS queue 1: 134
QoS queue 2: 173
QoS queue 3: 172
Egress queue count: 1
Eg queue 0: 1.424
Cluster DMEM Base Address: 0xF3E12A00 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[33]:
/proc/net/qosmanager/getClusterConfFromFw[33]:
#####
# cluster 33 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 78
QoS queue 1: 79
QoS queue 2: 96
QoS queue 3: 97
Egress queue count: 1
Eg queue 0: 1.424
Cluster DMEM Base Address: 0xF3E12A40 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[34]:
/proc/net/qosmanager/getClusterConfFromFw[34]:
#####
# cluster 34 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
```

```
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 82
QoS queue 1: 83
QoS queue 2: 88
QoS queue 3: 89
Egress queue count: 1
Eg queue 0: 1.424
Cluster DMEM Base Address: 0xF3E12A80 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[35]:
/proc/net/qosmanager/getClusterConfFromFw[35]:
#####
# cluster 35 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 167
QoS queue 1: 166
QoS queue 2: 112
QoS queue 3: 113
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12AC0 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[36]:
/proc/net/qosmanager/getClusterConfFromFw[36]:
#####
# cluster 36 configuration in FW: #
#####
Cluster thresholds (FW):
```

```
#####
Global credit bytes:                4687
Global credit packets:              32
Max global credit bytes:            4687
Max global credit packets:          32
Egress congested threshold bytes   normal: 48448
Egress congested threshold bytes   half: 96896
Egress congested threshold bytes   quarter: 193792
Egress congested threshold bytes   not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 4
QoS queue 0:                        102
QoS queue 1:                        103
QoS queue 2:                        124
QoS queue 3:                        125
Egress queue count:                 1
Eg queue 0:                         1.424
Cluster DMEM Base Address:          0xF3E12B00 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[37]:
/proc/net/qosmanager/getClusterConfFromFw[37]:
#####
# cluster 37 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                4687
Global credit packets:              32
Max global credit bytes:            4687
Max global credit packets:          32
Egress congested threshold bytes   normal: 48448
Egress congested threshold bytes   half: 96896
Egress congested threshold bytes   quarter: 193792
Egress congested threshold bytes   not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 4
QoS queue 0:                        106
QoS queue 1:                        107
QoS queue 2:                        87
QoS queue 3:                        120
Egress queue count:                 1
Eg queue 0:                         1.425
Cluster DMEM Base Address:          0xF3E12B40 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[38]:
/proc/net/qosmanager/getClusterConfFromFw[38]:
#####
# cluster 38 configuration in FW: #
```



```
#####
Cluster thresholds (FW):
#####
Global credit bytes:                4687
Global credit packets:              32
Max global credit bytes:            4687
Max global credit packets:          32
Egress congested threshold bytes   normal: 48448
Egress congested threshold bytes   half: 96896
Egress congested threshold bytes   quarter: 193792
Egress congested threshold bytes   not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 4
QoS queue 0:                         94
QoS queue 1:                         95
QoS queue 2:                        136
QoS queue 3:                        137
Egress queue count:                  1
Eg queue 0:                          1.425
Cluster DMEM Base Address:           0xF3E12B80 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[39]:
```

```
#####
# cluster 39 configuration: #
#####
Phy Cluster ID: 39
#####
```

```
-----
Q-118 (0 )=====> |
Q-119 (1 )=====> |
                    |=====> EgQ:1.424
Q-128 (2 )=====> |
Q-129 (3 )=====> |
-----
```

```
Dev name:                ath1
Vpid index:              VPID 41
Vpid QoS mode:           NORMAL
Cluster scheduling type: SP
Cluster user identifier: 0
QoS PDSP number:        QoS_PDSP_0
Cluster scheduling mode: Strict
Number of priorities:    4
Cluster bit rate limit:  1499840 Kbps
Cluster PPS limit:       4000 Kpps
```

```
Cluster thresholds:
#####
Max global credit bytes:                4687
Max global credit packets:              32
Egress congested threshold bytes   normal: 48448
Egress congested threshold bytes   half: 96896
Egress congested threshold bytes   quarter: 193792
Egress congested threshold bytes   not-frw: 387584
```

Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-fw: 256

Input Queues:

#####

Queue 118

Egress Queue: 1.424
Queue flags: None
Iteration credit bytes: 4687
Iteration credit packets: 100
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

Queue 119

Egress Queue: 1.424
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

Queue 128

Egress Queue: 1.424
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

Queue 129

Egress Queue: 1.424
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

/proc/net/qosmanager/getClusterConfFromFw[39]:

cluster 39 configuration in FW: #
#####

Cluster thresholds (FW):

#####

Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896

```
Egress congested threshold bytes    quarter: 193792
Egress congested threshold bytes    not-frw: 387584
Egress congested threshold packets  normal:  32
Egress congested threshold packets  half:    64
Egress congested threshold packets  quarter: 128
Egress congested threshold packets  not-frw: 256
QDA queue:                           255
Cluster flags:                        None
Ingress queue count:                  4
QoS queue 0:                          118
QoS queue 1:                          119
QoS queue 2:                          128
QoS queue 3:                          129
Egress queue count:                   1
Eg queue 0:                           1.424
Cluster DMEM Base Address:            0xF3E12BC0 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[40]:
/proc/net/qosmanager/getClusterConfFromFw[40]:
#####
# cluster 40 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                  4687
Global credit packets:                32
Max global credit bytes:              4687
Max global credit packets:            32
Egress congested threshold bytes     normal: 48448
Egress congested threshold bytes     half:   96896
Egress congested threshold bytes     quarter: 193792
Egress congested threshold bytes     not-frw: 387584
Egress congested threshold packets   normal:  32
Egress congested threshold packets   half:    64
Egress congested threshold packets   quarter: 128
Egress congested threshold packets   not-frw: 256
QDA queue:                            255
Cluster flags:                        None
Ingress queue count:                  4
QoS queue 0:                          119
QoS queue 1:                          118
QoS queue 2:                          137
QoS queue 3:                          136
Egress queue count:                   1
Eg queue 0:                           1.425
Cluster DMEM Base Address:            0xF3E12C00 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[41]:
/proc/net/qosmanager/getClusterConfFromFw[41]:
#####
# cluster 41 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                  4687
Global credit packets:                32
Max global credit bytes:              4687
Max global credit packets:            32
```

```
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 166
QoS queue 1: 167
QoS queue 2: 98
QoS queue 3: 101
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12C40 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[42]:
/proc/net/qosmanager/getClusterConfFromFw[42]:
#####
# cluster 42 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 130
QoS queue 1: 131
QoS queue 2: 104
QoS queue 3: 105
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12C80 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[43]:
/proc/net/qosmanager/getClusterConfFromFw[43]:
#####
# cluster 43 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
```

```

Max global credit bytes:          4687
Max global credit packets:        32
Egress congested threshold bytes  normal: 48448
Egress congested threshold bytes  half:   96896
Egress congested threshold bytes  quarter: 193792
Egress congested threshold bytes  not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half:   64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue:                        255
Cluster flags:                     None
Ingress queue count:              4
QoS queue 0:                      103
QoS queue 1:                      102
QoS queue 2:                      113
QoS queue 3:                      112
Egress queue count:              1
Eg queue 0:                       1.424
Cluster DMEM Base Address:        0xF3E12CC0 , Size: 64

```

```
/proc/net/qosmanager/getClusterConf[44]:
```

```

#####
# cluster 44 configuration: #
#####
Phy Cluster ID: 44
#####

```

```

-----
Q-114 (0 )=====> |
Q-115 (1 )=====> |
                    |=====> EgQ:1.425
Q-140 (2 )=====> |
Q-141 (3 )=====> |
-----

```

```

Dev name:                ath0
Vpid index:              VPID 40
Vpid QoS mode:           NORMAL
Cluster scheduling type: SP
Cluster user identifier: 0
QoS PDSP number:         QoS_PDSP_1
Cluster scheduling mode: Strict
Number of priorities:    4
Cluster bit rate limit:  1499840 Kbps
Cluster PPS limit:       4000 Kpps

```

```
Cluster thresholds:
```

```

#####
Max global credit bytes:          4687
Max global credit packets:        32
Egress congested threshold bytes  normal: 48448
Egress congested threshold bytes  half:   96896
Egress congested threshold bytes  quarter: 193792
Egress congested threshold bytes  not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half:   64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256

```

Input Queues:

Queue 114 ###
Egress Queue: 1.425
Queue flags: None
Iteration credit bytes: 4687
Iteration credit packets: 100
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200
Queue 115 ###
Egress Queue: 1.425
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200
Queue 140 ###
Egress Queue: 1.425
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200
Queue 141 ###
Egress Queue: 1.425
Queue flags: None
Iteration credit bytes: 0
Iteration credit packets: 0
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 1200

```
/proc/net/qosmanager/getClusterConfFromFw[44]:  
#####  
# cluster 44 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 4687  
Global credit packets: 32  
Max global credit bytes: 4687  
Max global credit packets: 32  
Egress congested threshold bytes normal: 48448  
Egress congested threshold bytes half: 96896  
Egress congested threshold bytes quarter: 193792  
Egress congested threshold bytes not-frw: 387584  
Egress congested threshold packets normal: 32  
Egress congested threshold packets half: 64  
Egress congested threshold packets quarter: 128
```

```
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 114
QoS queue 1: 115
QoS queue 2: 140
QoS queue 3: 141
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12D00 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[45]:
/proc/net/qosmanager/getClusterConfFromFw[45]:
#####
# cluster 45 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 87
QoS queue 1: 86
QoS queue 2: 121
QoS queue 3: 120
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12D40 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[46]:
/proc/net/qosmanager/getClusterConfFromFw[46]:
#####
# cluster 46 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
```

```
Egress congested threshold packets half:      64
Egress congested threshold packets quarter:   128
Egress congested threshold packets not-frw:   256
QDA queue:                                    255
Cluster flags:                                None
Ingress queue count:                          4
QoS queue 0:                                  107
QoS queue 1:                                  106
QoS queue 2:                                  125
QoS queue 3:                                  124
Egress queue count:                           1
Eg queue 0:                                   1.424
Cluster DMEM Base Address:                    0xF3E12D80 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[47]:
/proc/net/qosmanager/getClusterConfFromFw[47]:
#####
# cluster 47 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                          4687
Global credit packets:                        32
Max global credit bytes:                      4687
Max global credit packets:                    32
Egress congested threshold bytes normal:     48448
Egress congested threshold bytes half:       96896
Egress congested threshold bytes quarter:    193792
Egress congested threshold bytes not-frw:    387584
Egress congested threshold packets normal:   32
Egress congested threshold packets half:     64
Egress congested threshold packets quarter:  128
Egress congested threshold packets not-frw:  256
QDA queue:                                    255
Cluster flags:                                None
Ingress queue count:                          4
QoS queue 0:                                  115
QoS queue 1:                                  114
QoS queue 2:                                  105
QoS queue 3:                                  104
Egress queue count:                           1
Eg queue 0:                                   1.424
Cluster DMEM Base Address:                    0xF3E12DC0 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[48]:
/proc/net/qosmanager/getClusterConfFromFw[48]:
#####
# cluster 48 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                          4687
Global credit packets:                        32
Max global credit bytes:                      4687
Max global credit packets:                    32
Egress congested threshold bytes normal:     48448
Egress congested threshold bytes half:       96896
Egress congested threshold bytes quarter:    193792
```



```
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 127
QoS queue 1: 126
QoS queue 2: 141
QoS queue 3: 140
Egress queue count: 1
Eg queue 0: 1.424
Cluster DMEM Base Address: 0xF3E12E00 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[49]:
/proc/net/qosmanager/getClusterConfFromFw[49]:
#####
# cluster 49 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 95
QoS queue 1: 94
QoS queue 2: 133
QoS queue 3: 132
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12E40 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[50]:
/proc/net/qosmanager/getClusterConfFromFw[50]:
#####
# cluster 50 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
```

```
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 131
QoS queue 1: 130
QoS queue 2: 129
QoS queue 3: 128
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12E80 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[51]:
/proc/net/qosmanager/getClusterConfFromFw[51]:
#####
# cluster 51 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 147
QoS queue 1: 146
QoS queue 2: 157
QoS queue 3: 156
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12EC0 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[52]:
/proc/net/qosmanager/getClusterConfFromFw[52]:
#####
# cluster 52 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
```

```
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 123
QoS queue 1: 122
QoS queue 2: 145
QoS queue 3: 144
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12F00 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[53]:
/proc/net/qosmanager/getClusterConfFromFw[53]:
#####
# cluster 53 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 143
QoS queue 1: 142
QoS queue 2: 153
QoS queue 3: 152
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12F40 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[54]:
/proc/net/qosmanager/getClusterConfFromFw[54]:
#####
# cluster 54 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
```

```

Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 111
QoS queue 1: 110
QoS queue 2: 149
QoS queue 3: 148
Egress queue count: 1
Eg queue 0: 1.424
Cluster DMEM Base Address: 0xF3E12F80 , Size: 64

```

```

/proc/net/qosmanager/getClusterConf[55]:
/proc/net/qosmanager/getClusterConfFromFw[55]:
#####
# cluster 55 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes: 4687
Global credit packets: 32
Max global credit bytes: 4687
Max global credit packets: 32
Egress congested threshold bytes normal: 48448
Egress congested threshold bytes half: 96896
Egress congested threshold bytes quarter: 193792
Egress congested threshold bytes not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue: 255
Cluster flags: None
Ingress queue count: 4
QoS queue 0: 139
QoS queue 1: 138
QoS queue 2: 165
QoS queue 3: 164
Egress queue count: 1
Eg queue 0: 1.425
Cluster DMEM Base Address: 0xF3E12FC0 , Size: 64

```

```

/proc/net/qosmanager/getClusterConf[56]:
/proc/net/qosmanager/getClusterConfFromFw[56]:
#####
# cluster 56 configuration in FW: #
#####
Cluster thresholds (FW):

```

```

#####
Global credit bytes:                4687
Global credit packets:              32
Max global credit bytes:            4687
Max global credit packets:          32
Egress congested threshold bytes   normal: 48448
Egress congested threshold bytes   half: 96896
Egress congested threshold bytes   quarter: 193792
Egress congested threshold bytes   not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 4
QoS queue 0:                         155
QoS queue 1:                         154
QoS queue 2:                         169
QoS queue 3:                         168
Egress queue count:                  1
Eg queue 0:                          1.424
Cluster DMEM Base Address:           0xF3E13000 , Size: 64

```

```

/proc/net/qosmanager/getClusterConf[57]:
/proc/net/qosmanager/getClusterConfFromFw[57]:
#####
# cluster 57 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                4687
Global credit packets:              32
Max global credit bytes:            4687
Max global credit packets:          32
Egress congested threshold bytes   normal: 48448
Egress congested threshold bytes   half: 96896
Egress congested threshold bytes   quarter: 193792
Egress congested threshold bytes   not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 4
QoS queue 0:                         163
QoS queue 1:                         162
QoS queue 2:                         161
QoS queue 3:                         160
Egress queue count:                  1
Eg queue 0:                          1.424
Cluster DMEM Base Address:           0xF3E13040 , Size: 64

```

```

/proc/net/qosmanager/getClusterConf[58]:
/proc/net/qosmanager/getClusterConfFromFw[58]:
#####
# cluster 58 configuration in FW: #

```

```
#####
Cluster thresholds (FW):
#####
Global credit bytes:                4687
Global credit packets:              32
Max global credit bytes:            4687
Max global credit packets:          32
Egress congested threshold bytes   normal: 48448
Egress congested threshold bytes   half: 96896
Egress congested threshold bytes   quarter: 193792
Egress congested threshold bytes   not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 4
QoS queue 0:                         151
QoS queue 1:                         150
QoS queue 2:                         177
QoS queue 3:                         176
Egress queue count:                  1
Eg queue 0:                          1.425
Cluster DMEM Base Address:           0xF3E13080 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[59]:
/proc/net/qosmanager/getClusterConfFromFw[59]:
#####
# cluster 59 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                4687
Global credit packets:              32
Max global credit bytes:            4687
Max global credit packets:          32
Egress congested threshold bytes   normal: 48448
Egress congested threshold bytes   half: 96896
Egress congested threshold bytes   quarter: 193792
Egress congested threshold bytes   not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half: 64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 4
QoS queue 0:                         171
QoS queue 1:                         170
QoS queue 2:                         84
QoS queue 3:                         85
Egress queue count:                  1
Eg queue 0:                          1.424
Cluster DMEM Base Address:           0xF3E130C0 , Size: 64
```

```
/proc/net/qosmanager/getClusterConf[60]:
/proc/net/qosmanager/getClusterConfFromFw[60]:
```

```

#####
# cluster 60 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                4687
Global credit packets:              32
Max global credit bytes:            4687
Max global credit packets:          32
Egress congested threshold bytes   normal: 48448
Egress congested threshold bytes   half:   96896
Egress congested threshold bytes   quarter: 193792
Egress congested threshold bytes   not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half:   64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 4
QoS queue 0:                        121
QoS queue 1:                        86
QoS queue 2:                        132
QoS queue 3:                        133
Egress queue count:                  1
Eg queue 0:                          1.424
Cluster DMEM Base Address:           0xF3E13100 , Size: 64

```

```

/proc/net/qosmanager/getClusterConf[61]:
/proc/net/qosmanager/getClusterConfFromFw[61]:
#####
# cluster 61 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                4687
Global credit packets:              32
Max global credit bytes:            4687
Max global credit packets:          32
Egress congested threshold bytes   normal: 48448
Egress congested threshold bytes   half:   96896
Egress congested threshold bytes   quarter: 193792
Egress congested threshold bytes   not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half:   64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 4
QoS queue 0:                        175
QoS queue 1:                        174
QoS queue 2:                        181
QoS queue 3:                        180
Egress queue count:                  1
Eg queue 0:                          1.425
Cluster DMEM Base Address:           0xF3E13140 , Size: 64

```

```

/proc/net/qosmanager/getClusterConf[62]:
/proc/net/qosmanager/getClusterConfFromFw[62]:
#####
# cluster 62 configuration in FW: #
#####
Cluster thresholds (FW):
#####
Global credit bytes:                4687
Global credit packets:              32
Max global credit bytes:            4687
Max global credit packets:          32
Egress congested threshold bytes   normal: 48448
Egress congested threshold bytes   half:    96896
Egress congested threshold bytes   quarter: 193792
Egress congested threshold bytes   not-frw: 387584
Egress congested threshold packets normal: 32
Egress congested threshold packets half:   64
Egress congested threshold packets quarter: 128
Egress congested threshold packets not-frw: 256
QDA queue:                          255
Cluster flags:                       None
Ingress queue count:                 4
QoS queue 0:                        159
QoS queue 1:                        158
QoS queue 2:                        80
QoS queue 3:                        81
Egress queue count:                  1
Eg queue 0:                          1.424
Cluster DMEM Base Address:           0xF3E13180 , Size: 64

```

```

/proc/net/qosmanager/getClusterConf[63]:

```

```

#####
# cluster 63 configuration: #
#####
Phy Cluster ID: 63
#####

```

```

-----
Q-191 (0 )=====> |
Q-190 (0 )=====> |
Q-189 (0 )=====> |
Q-186 (0 )=====> |
Q-188 (0 )=====> |
Q-185 (0 )=====> |
Q-187 (0 )=====> |
Q-184 (0 )=====> |
-----

```

```

Dev name:                HOST_QOS
Vpid index:              VPID 171
Vpid QoS mode:           NORMAL
Cluster scheduling type: GRR
GRR first bitmaskype:    87
Iteration Divider:       40
Cluster user identifier: 0
QoS PDSP number:         QoS_PDSP_0
Cluster scheduling mode: GRR
Cluster PPS limit:       8 Kpps

```



```

Input Queues:
#####
### Queue 191 ###
Egress Queue:                0.0
Queue flags:                 REALTIME_FLAG  DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG  LIMITED_FLAG
Iteration credit bytes:      4294967295
Iteration credit packets:    8
Max credit bytes:           2000
Max credit packets:         1

Congested threshold bytes:    0
Congested threshold packets:  250
### Queue 190 ###
Egress Queue:                0.0
Queue flags:                 REALTIME_FLAG  DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG  LIMITED_FLAG
Iteration credit bytes:      4294967295
Iteration credit packets:    8
Max credit bytes:           2000
Max credit packets:         1

Congested threshold bytes:    0
Congested threshold packets:  250
### Queue 189 ###
Egress Queue:                0.0
Queue flags:                 REALTIME_FLAG  DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG  LIMITED_FLAG
Iteration credit bytes:      4294967295
Iteration credit packets:    8
Max credit bytes:           2000
Max credit packets:         1

Congested threshold bytes:    0
Congested threshold packets:  250
### Queue 186 ###
Egress Queue:                0.0
Queue flags:                 REALTIME_FLAG  DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG  LIMITED_FLAG
Iteration credit bytes:      4294967295
Iteration credit packets:    8
Max credit bytes:           2000
Max credit packets:         1

Congested threshold bytes:    0
Congested threshold packets:  250
### Queue 188 ###
Egress Queue:                0.0
Queue flags:                 REALTIME_FLAG  DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes:      4294967295
Iteration credit packets:    8
Max credit bytes:           0
Max credit packets:         0

Congested threshold bytes:    0
Congested threshold packets:  250
### Queue 185 ###
Egress Queue:                0.0

```

Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 4294967295
Iteration credit packets: 8
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 250
Queue 187

Egress Queue: 0.0
Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 4294967295
Iteration credit packets: 8
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 250
Queue 184

Egress Queue: 0.0
Queue flags: REALTIME_FLAG DROP_EXCESSIVE_FLAG
QDA_DISABLE_FLAG
Iteration credit bytes: 4294967295
Iteration credit packets: 8
Max credit bytes: 0
Max credit packets: 0

Congested threshold bytes: 0
Congested threshold packets: 250

```
/proc/net/qosmanager/getClusterConfFromFw[63]:  
#####  
# cluster 63 configuration in FW: #  
#####  
Cluster thresholds (FW):  
#####  
Global credit bytes: 0  
Global credit packets: 8  
Max global credit bytes: 4294967295  
Max global credit packets: 8  
GRR first in group bitmask: 87  
Cluster flags:  
Ingress queue count: 8  
QoS queue 0: 191  
QoS queue 1: 190  
QoS queue 2: 189  
QoS queue 3: 186  
QoS queue 4: 188  
QoS queue 5: 185  
QoS queue 6: 187  
QoS queue 7: 184  
Egress queue count: 0  
Cluster DMEM Base Address: 0xF3E131C0 , Size: 64
```

```
/proc/net/qosmanager/clusters_distribution:  
#####  
# Clusters distribution: #
```

#####

QoS PDSP_0	QoS PDSP_1
0	17
1	18
2	19
3	20
4	21
5	24
6	44
7	
8	
9	
10	
11	
12	
13	
14	
15	
25	
26	
27	
39	
63	

/proc/net/qosmanager/pools_status:

Pools status #
#####

Clusters Pools:

#####

Shared : 4 [37]
Host : 1 [1]
PID 0 PP_DOCSIS_RX_PID_NUM : 16 [16]

```

PID 3  PP_SGMII0_RX_PID_NUM      : 0 [1 ]
PID 4  PP_SGMII1_RX_PID_NUM      : 5 [5 ]
PID 5  PP_RGMII0_RX_PID_NUM      : 0 [1 ]
PID 6  PP_MoCA_RX_PID_NUM        : 0 [1 ]
PID 7  PP_ATOM_RX_PID_NUM        : 1 [1 ]
PID 8  PP_RGMII1_RX_PID_NUM      : 1 [1 ]

```

Queues Pools:
#####

```

Shared      : 16 [114]
Host        : 8 [8 ]
PID 0  PP_DOCSIS_RX_PID_NUM      : 32 [32 ]
PID 3  PP_SGMII0_RX_PID_NUM      : 0 [4 ]
PID 4  PP_SGMII1_RX_PID_NUM      : 18 [18 ]
PID 5  PP_RGMII0_RX_PID_NUM      : 0 [4 ]
PID 6  PP_MoCA_RX_PID_NUM        : 0 [4 ]
PID 7  PP_ATOM_RX_PID_NUM        : 4 [4 ]
PID 8  PP_RGMII1_RX_PID_NUM      : 4 [4 ]

```

/proc/net/qosmanager/qos_db_stats:

```

#####
# QoS DB statistics: #
#####
Active Shared Clusters:      4
Active Shared Queues:       16
Active Host Clusters:       1
Active Host Queues:         8
Shared Clusters starvation: 0
Shared Queues starvation:  0
Shapers starvation:         0
Active Shapers:             1
WFQ Clusters:               0

```

/proc/net/ti_pp[show qosStats]:

queue	forwarded	discarded	owner
0	6608407	26346	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q0
1	72814469	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q1
3	2300	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q3
36	1435681	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q36
37	262479501	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q37
38	2022303	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q38
40	2581	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q40

42	2096656	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q42
44	68710	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q44
47	192016	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q47
49	222826636	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q49
51	1172374	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q51
53	35533906	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q53
118	4625	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q118
128	46044	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q128
184	56497913	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q184
185	59039	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q185
187	219107585	142627	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q187
188	757335	0	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q188
189	25357	134238	G1.PAL_CPPI_PP_QMGR_G1_QOS_Q189

/proc/net/pp/HAL/AQMAsfMappingConfig:

LL-SF mapping:

LL-SF# | C-SF# | ASF#

/proc/net/pp/HAL/AQMAsfQpConfig:

QP ASF Configuration:

ASF#	ON?	BCK	CRITICALqL	CRITICALqLPRODUCT	LG_AGING
[0]	ON	ON	0x00075300	0x000000d693a40000	19
[1]	ON	ON	0x00075300	0x000000d693a40000	19
[2]	ON	ON	0x00075300	0x000000d693a40000	19
[3]	ON	ON	0x00075300	0x000000d693a40000	19
[4]	ON	ON	0x00075300	0x000000d693a40000	19
[5]	ON	ON	0x00075300	0x000000d693a40000	19
[6]	ON	ON	0x00075300	0x000000d693a40000	19
[7]	ON	ON	0x00075300	0x000000d693a40000	19

/proc/net/pp/HAL/AQMAsfiAqmConfig:

iAQM ASF Configuration:

ASF#	probNative	qdelay	count_likelihoood	MAX_RATE_nor	RANGE
	MINTH	MAXTH	BUFFER_SIZE		
[0]	0x00000000	0x00000000	0x00000000	0x00026666	
0x00040000	0x00035300	0x00075300	0xffffffff		
[1]	0x00000000	0x00000000	0x00000000	0x00026666	
0x00040000	0x00035300	0x00075300	0xffffffff		
[2]	0x00000000	0x00000000	0x00000000	0x00026666	
0x00040000	0x00035300	0x00075300	0xffffffff		
[3]	0x00000000	0x00000000	0x00000000	0x00026666	
0x00040000	0x00035300	0x00075300	0xffffffff		
[4]	0x00000000	0x00000000	0x00000000	0x00026666	
0x00040000	0x00035300	0x00075300	0xffffffff		
[5]	0x00000000	0x00000000	0x00000000	0x00026666	
0x00040000	0x00035300	0x00075300	0xffffffff		
[6]	0x00000000	0x00000000	0x00000000	0x00026666	
0x00040000	0x00035300	0x00075300	0xffffffff		
[7]	0x00000000	0x00000000	0x00000000	0x00026666	
0x00040000	0x00035300	0x00075300	0xffffffff		

/proc/net/pp/HAL/AQMWrrSchedConfig:

AQM PDSP scheduling ratio:

Task	Credits
LL-SF	02
Classic	01
Multicast	01

/proc/net/pp/PID/busy:

**** PID BUSY : ****

PID 00 [PP_DOCSIS_RX_PID_NUM]
Type = 5 [DOCSIS]
PriMapping = 1
Priority = 0x00 [Priority=0, DropPrecedence=0]
Framing = 0x07 [ETHERNET IPV4 IPV6]
Flags = 0x10 []
TxDestTag = 0x3FFF
HostQueueBase = 1.187
InfraQueueBase = 1.310
[G1.PAL_CPPI_PP_QMGR_G1_CDMA10_INFRA_INPUT_HI_DOCSIS_LOW_Q_NUM]
TDOX = Enable
TDOX Timer Value = 155 * 20us
TDOX Max Reach = 250
Fast Flush per MAC = Disable

PID 03 [PP_SGMII0_RX_PID_NUM]
Type = 1 [Ethernet]
PriMapping = 1
Priority = 0x00 [Priority=0, DropPrecedence=0]
Framing = 0x00
Flags = 0x40 [fDiscardRx]
TxDestTag = 0x3FFF
HostQueueBase = 1.184
InfraQueueBase = 1.328
[G1.PAL_CPPI_PP_QMGR_G1_CDMA10_INFRA_INPUT_HI_SGMII0_LOW_Q_NUM]
TDOX = Enable
TDOX Timer Value = 0 * 20us
TDOX Max Reach = 250
Fast Flush per MAC = Disable

PID 04 [PP_SGMII1_RX_PID_NUM]
Type = 1 [Ethernet]
PriMapping = 1
Priority = 0x00 [Priority=0, DropPrecedence=0]
Framing = 0x00
Flags = 0x00
TxDestTag = 0x3FFF
HostQueueBase = 1.184
InfraQueueBase = 1.332
[G1.PAL_CPPI_PP_QMGR_G1_CDMA10_INFRA_INPUT_HI_SGMII1_LOW_Q_NUM]
TDOX = Enable
TDOX Timer Value = 0 * 20us
TDOX Max Reach = 250
Fast Flush per MAC = Disable

PID 05 [PP_RGMII0_RX_PID_NUM]
Type = 1 [Ethernet]
PriMapping = 1
Priority = 0x00 [Priority=0, DropPrecedence=0]
Framing = 0x50 []
Flags = 0x00
TxDestTag = 0x3FFF
HostQueueBase = 1.184
InfraQueueBase = 1.320
[G1.PAL_CPPI_PP_QMGR_G1_CDMA10_INFRA_INPUT_HI_RGMII0_LOW_Q_NUM]
TDOX = Enable
TDOX Timer Value = 0 * 20us
TDOX Max Reach = 250
Fast Flush per MAC = Disable

PID 07 [PP_ATOM_RX_PID_NUM]
Type = 1 [Ethernet]
PriMapping = 1
Priority = 0x00 [Priority=0, DropPrecedence=0]
Framing = 0x50 []
Flags = 0x00
TxDestTag = 0x3FFF
HostQueueBase = 1.184
InfraQueueBase = 1.316
[G1.PAL_CPPI_PP_QMGR_G1_CDMA10_INFRA_INPUT_HI_ATOM_LOW_Q_NUM]
TDOX = Enable
TDOX Timer Value = 0 * 20us
TDOX Max Reach = 250
Fast Flush per MAC = Disable

PID 08 [PP_RGMII1_RX_PID_NUM]
Type = 1 [Ethernet]
PriMapping = 1
Priority = 0x00 [Priority=0, DropPrecedence=0]
Framing = 0x50 []
Flags = 0x00
TxDestTag = 0x3FFF
HostQueueBase = 1.184
InfraQueueBase = 1.324
[G1.PAL_CPPI_PP_QMGR_G1_CDMA10_INFRA_INPUT_HI_RGMII1_LOW_Q_NUM]
TDOX = Enable
TDOX Timer Value = 0 * 20us
TDOX Max Reach = 250
Fast Flush per MAC = Disable

PID 16 [PP_WiFi_PORT0_PID_NUM]
Type = 1 [Ethernet]
PriMapping = 1
Priority = 0x00 [Priority=0, DropPrecedence=0]
Framing = 0x00
Flags = 0x00
TxDestTag = 0x3FFF
HostQueueBase = 2.327
InfraQueueBase = 2.327
[G2.PAL_CPPI_PP_QMGR_G2_CDMA8_INFRA_INPUT_WIFI_DEVICE0_HOST_RX_HI_Q_NUM]
TDOX = Enable
TDOX Timer Value = 0 * 20us
TDOX Max Reach = 250
Fast Flush per MAC = Enable

PID 17 [PP_WiFi_PORT1_PID_NUM]
Type = 1 [Ethernet]
PriMapping = 1
Priority = 0x00 [Priority=0, DropPrecedence=0]
Framing = 0x00
Flags = 0x00
TxDestTag = 0x3FFF
HostQueueBase = 2.329
InfraQueueBase = 2.329
[G2.PAL_CPPI_PP_QMGR_G2_CDMA8_INFRA_INPUT_WIFI_DEVICE1_HOST_RX_HI_Q_NUM]
TDOX = Enable
TDOX Timer Value = 0 * 20us
TDOX Max Reach = 250
Fast Flush per MAC = Enable

PID 18 [PP_WiFi_PORT2_PID_NUM]
Type = 1 [Ethernet]
PriMapping = 1
Priority = 0x00 [Priority=0, DropPrecedence=0]
Framing = 0x00
Flags = 0x40 [fDiscardRx]
TxDestTag = 0x3FFF
HostQueueBase = 2.331
InfraQueueBase = 2.331
[G2.PAL_CPPI_PP_QMGR_G2_CDMA8_INFRA_INPUT_WIFI_DEVICE2_HOST_RX_HI_Q_NUM]
TDOX = Enable
TDOX Timer Value = 0 * 20us
TDOX Max Reach = 250
Fast Flush per MAC = Enable

PID 19 [PP_WiFi_PORT3_PID_NUM]
Type = 1 [Ethernet]
PriMapping = 1
Priority = 0x00 [Priority=0, DropPrecedence=0]
Framing = 0x00
Flags = 0x40 [fDiscardRx]
TxDestTag = 0x3FFF
HostQueueBase = 2.333
InfraQueueBase = 2.333
[G2.PAL_CPPI_PP_QMGR_G2_CDMA8_INFRA_INPUT_WIFI_DEVICE3_HOST_RX_HI_Q_NUM]
TDOX = Enable
TDOX Timer Value = 0 * 20us
TDOX Max Reach = 250
Fast Flush per MAC = Enable

**** END OF PID BUSY ****

/proc/net/pp/VPID/autovpid:

**** AUTO_VPID EXCLUDED NETDEVS : ****

ath0

ath1

**** END OF AUTO_VPID EXCLUDE LIST ****

/proc/net/pp/VPID/busy:

**** VPID BUSY : ****

----- VPID 40 (PID 17 [PP_WiFi_PORT1_PID_NUM]) -----

-
dev: ath0
type: ETHERNET MTU:1500
Unicast Packets Rx: 0 Tx: 0
Broadcast Packets Rx: 0 Tx: 0
Multicast Packets Rx: 0 Tx: 0
Bytes Rx: 0 Tx: 0
Discard Rx: 0 Tx: 0

----- VPID 41 (PID 16 [PP_WiFi_PORT0_PID_NUM]) -----

-
dev: ath1
type: ETHERNET MTU:1500
Unicast Packets Rx: 17723 Tx: 50669
Broadcast Packets Rx: 0 Tx: 0
Multicast Packets Rx: 0 Tx: 0
Bytes Rx: 3205320 Tx: 70964082
Discard Rx: 0 Tx: 0

----- VPID 39 (PID 0 [PP_DOCSIS_RX_PID_NUM]) -----

-
dev: cni0
type: ETHERNET (NULL VPID) MTU:1500
Unicast Packets Rx: 0 Tx: 0
Broadcast Packets Rx: 0 Tx: 0
Multicast Packets Rx: 0 Tx: 0
Bytes Rx: 0 Tx: 0
Discard Rx: 0 Tx: 2519

----- VPID 42 (PID 17 [PP_WiFi_PORT1_PID_NUM]) -----

-
dev: wifil
type: ETHERNET MTU:1500
Unicast Packets Rx: 0 Tx: 0
Broadcast Packets Rx: 0 Tx: 0
Multicast Packets Rx: 0 Tx: 0
Bytes Rx: 0 Tx: 0
Discard Rx: 0 Tx: 0

----- VPID 43 (PID 16 [PP_WiFi_PORT0_PID_NUM]) -----

-
dev: wifi0
type: ETHERNET MTU:1500
Unicast Packets Rx: 0 Tx: 0
Broadcast Packets Rx: 0 Tx: 0
Multicast Packets Rx: 0 Tx: 0
Bytes Rx: 0 Tx: 0
Discard Rx: 0 Tx: 0

----- VPID 44 (PID 4 [PP_SGMII1_RX_PID_NUM]) -----

-
dev: eth0
type: VLAN MTU:1500

```

Unicast   Packets   Rx: 153225       Tx: 361884
Broadcast Packets   Rx: 0           Tx: 0
Multicast Packets   Rx: 0           Tx: 0
Bytes      Rx: 48440659   Tx: 394987417
Discard    Rx: 0           Tx: 0
----- VPID 45 (PID 4 [PP_SGMII1_RX_PID_NUM]) -----
          dev: eth1
          type: VLAN      MTU:1500
Unicast   Packets   Rx: 7598        Tx: 32872
Broadcast Packets   Rx: 0           Tx: 0
Multicast Packets   Rx: 0           Tx: 0
Bytes      Rx: 1649138   Tx: 42092299
Discard    Rx: 0           Tx: 0
----- VPID 46 (PID 4 [PP_SGMII1_RX_PID_NUM]) -----
          dev: eth2
          type: VLAN      MTU:1500
Unicast   Packets   Rx: 23682818    Tx: 34880122
Broadcast Packets   Rx: 0           Tx: 0
Multicast Packets   Rx: 3266        Tx: 3254
Bytes      Rx: 5153876122 Tx: 31454130471
Discard    Rx: 0           Tx: 0
----- VPID 47 (PID 4 [PP_SGMII1_RX_PID_NUM]) -----
          dev: eth3
          type: VLAN      MTU:1500
Unicast   Packets   Rx: 618175      Tx: 3620515
Broadcast Packets   Rx: 0           Tx: 0
Multicast Packets   Rx: 0           Tx: 0
Bytes      Rx: 63215485   Tx: 5312390380
Discard    Rx: 0           Tx: 0
----- VPID 50 (PID 0 [PP_DOCSIS_RX_PID_NUM]) -----
          dev: cni0
          type: ETHERNET  MTU:1504
Unicast   Packets   Rx: 41880348    Tx: 25715648
Broadcast Packets   Rx: 0           Tx: 0
Multicast Packets   Rx: 0           Tx: 0
Bytes      Rx: 40698866657 Tx: 5537643238
Discard    Rx: 0           Tx: 0
----- VPID 48 (PID 7 [PP_ATOM_RX_PID_NUM]) -----
          dev: ngmii4
          type: ETHERNET  MTU:2000
Unicast   Packets   Rx: 0           Tx: 0
Broadcast Packets   Rx: 0           Tx: 0
Multicast Packets   Rx: 0           Tx: 0
Bytes      Rx: 0           Tx: 0
Discard    Rx: 0           Tx: 0
----- VPID 49 (PID 8 [PP_RGMII1_RX_PID_NUM]) -----
          dev: nrgmii3
          type: ETHERNET  MTU:1500
Unicast   Packets   Rx: 0           Tx: 0
Broadcast Packets   Rx: 0           Tx: 0
Multicast Packets   Rx: 0           Tx: 0
Bytes      Rx: 0           Tx: 0
Discard    Rx: 0           Tx: 0
**** END OF VPID BUSY ****

```

*** Session 3<SECRET_ip6>

```

#####
# Session Info #
#####

```

State = 2 [FORWARDING]
Valid = 1
Active = 0
Property = Routed
Priority = 0
Initial Timeout = 600

Ingress Properties

=====

vpid_handle = 50 [CNI]
PID = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x00
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
SRC_IP = 0x8EFA4ACE [<SECRET_ip4>]
DST_IP = 0x6D5AD793 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0x01BB [443]
L4_DST_PORT = 0xDDFD [56829]
Lookup String = 0x00111000 0x2C91AB71 0xE85F0001 0x5C756246
= 0x00000000 0x8EFA4ACE 0x00000000 0x00000000
= 0x00000000 0x6D5AD793 0x00000000 0x00000000
= 0x00000000 0x00000000 0x0000FFFF 0x01BDDDFD
Host Strip Off = 0
layersCount = 0
layers =

Egress Properties

=====

vpid_handle = 46 [ETH]
enable = 0x01 [VLAN]
PID = 4 [PP_SGMII1_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x01 [VLAN1]
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
Vlan1 = 0x0258
SRC_IP = 0x8EFA4ACE [<SECRET_ip4>]
DST_IP = 0xC0A8B215 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0x01BB [443]
L4_DST_PORT = 0xDDFD [56829]
eth_type = 0x0000
layersCount = 0
layers =

Session Record #
#####

sessionInfoPointer = 0x377CE300

Counters

=====

packetCounter = 6
byteCounter = 1498

Egress Record
=====

HopListFlowPointer = 0xF420
QoSInfo = 0x1035
Priority = 0
SyncQ = 24
SessionIndex = 31971
SessionFlags = 0x0000A070 [TTL] [MOD] [STRIP_L2] [SUPPORT_SYNC_Q]
NewHeaderSize = 18
NewHeader = 0068EBC9.5ADE2C91.AB71E85F.81000258.08000000.
IngressVPID = 50
EgressVPID = 46
ProtocolSpecific0 = 0x00000000
ProtocolSpecific1 = 0x00000000

Modification Record
=====

ModFlags = 0x01CC [IPADR] [L3CHK] [PORTS] [L4CHK] [IPTOS]
Tos = 0
IpSrc = <SECRET_ip4>
IpDst = <SECRET_ip4>
PortSrc = 443
PortDst = 56829
L3ChecksumDelta = 53807
L4ChecksumDelta = 53807
=====

*** Session 3<SECRET_ip6>

Session Info #
#####

State = 2 [FORWARDING]
Valid = 1
Active = 0
Property = Routed
Priority = 0
Initial Timeout = 600

Ingress Properties
=====

vpid_handle = 50 [CNI]
PID = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 4 [ICMP]
Flags = 0x00
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
SRC_IP = 0x8B079331 [<SECRET_ip4>]
DST_IP = 0x6D5AD793 [<SECRET_ip4>]
ToS = 0
L4_ICMP_ID = 0x0002 [2]
L4_ICMP_TYPE = [ICMP_ECHO_REPLY]
Lookup String = 0x00114000_0x2C91AB71_0xE85F0001_0x5C756246
= 0x00000000_0x8B079331_0x00000000_0x00000000

```

= 0x00000000 0x6D5AD793 0x00000000 0x00000000
= 0x00000000 0x00000000 0x0000FFFF 0x00020002
Host Strip Off = 0
layersCount   = 0
layers        =
```

Egress Properties

=====

```

vpid_handle   = 46 [ETH]
enable        = 0x101 [VLAN]
PID           = 4 [PP_SGMII1_RX_PID_NUM]
L2_type       = 1 [ETH]
L3_type       = 1 [IPv4]
L4_Protocol   = 4 [ICMP]
Flags         = 0x01 [VLAN1]
dstmac        = xx:xx:xx:xx:xx:xx
srcmac        = xx:xx:xx:xx:xx:xx
Vlan1         = 0x0258
SRC_IP        = 0x8B079331 [ <SECRET_ip4> ]
DST_IP        = 0xC0A8B215 [ <SECRET_ip4> ]
ToS           = 0
L4_ICMP_ID    = 0x0002 [2]
L4_ICMP_TYPE  = [ICMP_ECHO_REPLY]
eth_type      = 0x0000
layersCount   = 0
layers        =
```

```

#####
# Session Record #
#####
```

```
sessionInfoPointer = 0x377C0700
```

Counters

=====

```

packetCounter = 177
byteCounter   = 18762
```

Egress Record

=====

```

HopListFlowPointer = 0xF420
QoSInfo            = 0x1035
Priority            = 0
SyncQ              = 0
SessionIndex       = 31751
SessionFlags       = 0x0000A070 [TTL] [MOD] [STRIP_L2] [SUPPORT_SYNC_Q]
NewHeaderSize      = 18
NewHeader          = 0068EBC9.5ADE2C91.AB71E85F.81000258.08000000.
IngressVPID        = 50
EgressVPID         = 46
ProtocolSpecific0  = 0x00000000
ProtocolSpecific1  = 0x00000000
```

Modification Record

=====

```

ModFlags          = 0x038C [IPADR] [L3CHK] [L4CHK] [IPTOS] [ICMP]
Tos                = 0
IpSrc              = <SECRET_ip4>
IpDst              = <SECRET_ip4>
IcmpID            = 2
```

L3ChecksumDelta = 53807
L4ChecksumDelta = 0
=====

*** Session 2<SECRET_ip6>

Session Info #
#####

State = 1 [SYNCHRONIZING]
Valid = 1
Active = 0
Property = Routed
Priority = 2
Initial Timeout = 600

Ingress Properties
=====

vpid_handle = 46 [ETH]
PID = 4 [PP_SGMII1_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 2 [TCP]
Flags = 0x01 [VLAN1]
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
Vlan1 = 0x0258
SRC_IP = 0xC0A8B215 [<SECRET_ip4>]
DST_IP = 0x2266EE1D [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0xF30E [62222]
L4_DST_PORT = 0x01BB [443]
Lookup String = 0x04112001 0x2C91AB71 0xE85F0068 0xEBC95ADE
= 0x02580000 0xC0A8B215 0x00000000 0x00000000
= 0x00000000 0x2266EE1D 0x00000000 0x00000000
= 0x00000000 0x00000000 0x0000FFFF 0xF30E01BB
Host Strip Off = 0
layersCount = 0
layers =

Egress Properties
=====

vpid_handle = 50 [CNI]
enable = 0x2008
PID = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 2 [TCP]
Flags = 0x00
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
SRC_IP = 0x6D5AD793 [<SECRET_ip4>]
DST_IP = 0x2266EE1D [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0xF30E [62222]
L4_DST_PORT = 0x01BB [443]
eth_type = 0x0800
tdox_handle = 452
us_psi = 0x00FF0BC4

us_psi2 = 0x00000000
layersCount = 0
layers =

Session Record #
#####

sessionInfoPointer = 0x37688800

Counters

=====

packetCounter = 0
byteCounter = 0

Egress Record

=====

HopListFlowPointer = 0xF430
QoSInfo = 0x20CE
Priority = 2
SyncQ = 255
SessionIndex = 26760
SessionFlags = 0x00002070 [TTL] [MOD] [STRIP_L2]
NewHeaderSize = 14
NewHeader = 00015C75.62462C91.AB71E85F.08000000.
IngressVPID = 46
EgressVPID = 50
ProtocolSpecific0 = 0x00FF0BC4
ProtocolSpecific1 = 0x00000000

Modification Record

=====

ModFlags = 0x01CC [IPADR] [L3CHK] [PORTS] [L4CHK] [IPTOS]
Tos = 0
IpSrc = <SECRET_ip4>
IpDst = <SECRET_ip4>
PortSrc = 62222
PortDst = 443
L3ChecksumDelta = 11728
L4ChecksumDelta = 11728

=====

*** Session 2<SECRET_ip6>

Session Info #
#####

State = 2 [FORWARDING]
Valid = 1
Active = 1
Property = Routed
Priority = 0
Initial Timeout = 600

Ingress Properties

=====

vpid_handle = 46 [ETH]
PID = 4 [PP_SGMII1_RX_PID_NUM]
L2_type = 1 [ETH]

```

L3_type           = 1 [IPv4]
L4_Protocol       = 1 [UDP]
Flags             = 0x01 [VLAN1]
dstmac            = xx:xx:xx:xx:xx:xx
srcmac            = xx:xx:xx:xx:xx:xx
Vlan1             = 0x0258
SRC_IP            = 0xC0A8B215 [ <SECRET_ip4> ]
DST_IP            = 0x9B85F827 [ <SECRET_ip4> ]
ToS              = 0
L4_SRC_PORT       = 0xF839 [63545]
L4_DST_PORT       = 0x698A [27018]
Lookup String     = 0x04111001 0x2C91AB71 0xE85F0068 0xEBC95ADE
                  = 0x02580000 0xC0A8B215 0x00000000 0x00000000
                  = 0x00000000 0x9B85F827 0x00000000 0x00000000
                  = 0x00000000 0x00000000 0x0000FFFF 0xF839698A

Host Strip Off    = 0
layersCount       = 0
layers            =

```

Egress Properties

=====

```

vpid_handle       = 50 [CNI]
enable            = 0x2008
PID               = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type           = 1 [ETH]
L3_type           = 1 [IPv4]
L4_Protocol       = 1 [UDP]
Flags             = 0x00
dstmac            = xx:xx:xx:xx:xx:xx
srcmac            = xx:xx:xx:xx:xx:xx
SRC_IP            = 0x6D5AD793 [ <SECRET_ip4> ]
DST_IP            = 0x9B85F827 [ <SECRET_ip4> ]
ToS              = 0
L4_SRC_PORT       = 0xF839 [63545]
L4_DST_PORT       = 0x698A [27018]
eth_type          = 0x0800
us_psi            = 0x00FF0000
us_psi2           = 0x00000000
layersCount       = 0
layers            =

```

```

#####
# Session Record #
#####

```

```

sessionInfoPointer = 0x37580A00

```

Counters

=====

```

packetCounter     = 4964
byteCounter       = 665760

```

Egress Record

=====

```

HopListFlowPointer = 0xF420
QoSInfo            = 0x20CF
Priority           = 0
SyncQ              = 28
SessionIndex       = 22538
SessionFlags       = 0x0000A070 [TTL] [MOD] [STRIP_L2] [SUPPORT_SYNC_Q]

```


NewHeaderSize = 14
NewHeader = 00015C75.62462C91.AB71E85F.08000000.
IngressVPID = 46
EgressVPID = 50
ProtocolSpecific0 = 0x00FF0000
ProtocolSpecific1 = 0x00000000

Modification Record

=====

ModFlags = 0x01CC [IPADR] [L3CHK] [PORTS] [L4CHK] [IPTOS]
Tos = 0
IpSrc = <SECRET_ip4>
IpDst = <SECRET_ip4>
PortSrc = 63545
PortDst = 27018
L3ChecksumDelta = 11728
L4ChecksumDelta = 11728

=====

*** Session 2<SECRET_ip6>

Session Info #
#####

State = 1 [SYNCHRONIZING]
Valid = 1
Active = 0
Property = Routed
Priority = 2
Initial Timeout = 600

Ingress Properties

=====

vpid_handle = 50 [CNI]
PID = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 2 [TCP]
Flags = 0x00
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
SRC_IP = 0x2266EE1D [<SECRET_ip4>]
DST_IP = 0x6D5AD793 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0x01BB [443]
L4_DST_PORT = 0xF30E [62222]
Lookup String = 0x00112000 0x2C91AB71 0xE85F0001 0x5C756246
= 0x00000000 0x2266EE1D 0x00000000 0x00000000
= 0x00000000 0x6D5AD793 0x00000000 0x00000000
= 0x00000000 0x00000000 0x0000FFFF 0x01BBF30E
Host Strip Off = 0
layersCount = 0
layers =

Egress Properties

=====

vpid_handle = 46 [ETH]
enable = 0x2001 [VLAN]
PID = 4 [PP_SGMII1_RX_PID_NUM]

```
L2_type           = 1 [ETH]
L3_type           = 1 [IPv4]
L4_Protocol       = 2 [TCP]
Flags             = 0x01 [VLAN1]
dstmac            = xx:xx:xx:xx:xx:xx
srcmac            = xx:xx:xx:xx:xx:xx
Vlan1             = 0x0258
SRC_IP            = 0x2266EE1D [ <SECRET_ip4> ]
DST_IP            = 0xC0A8B215 [ <SECRET_ip4> ]
ToS               = 0
L4_SRC_PORT       = 0x01BB [443]
L4_DST_PORT       = 0xF30E [62222]
eth_type          = 0x0000
tdox_handle       = 343
us_psi            = 0x00002B57
layersCount       = 0
layers            =
```

```
#####
# Session Record #
#####
```

```
sessionInfoPointer = 0x37555100
```

Counters

```
=====
```

```
packetCounter     = 0
byteCounter       = 0
```

Egress Record

```
=====
```

```
HopListFlowPointer = 0xF430
QoSInfo             = 0x1033
Priority             = 2
SyncQ               = 255
SessionIndex        = 21841
SessionFlags        = 0x00002070 [TTL] [MOD] [STRIP_L2]
NewHeaderSize       = 18
NewHeader           = 0068EBC9.5ADE2C91.AB71E85F.81000258.08000000.
IngressVPID         = 50
EgressVPID          = 46
ProtocolSpecific0   = 0x00002B57
ProtocolSpecific1   = 0x00000000
```

Modification Record

```
=====
```

```
ModFlags           = 0x01CC [IPADR] [L3CHK] [PORTS] [L4CHK] [IPTOS]
Tos                 = 0
IpSrc               = <SECRET_ip4>
IpDst               = <SECRET_ip4>
PortSrc             = 443
PortDst             = 62222
L3ChecksumDelta     = 53807
L4ChecksumDelta     = 53807
```

```
=====
```

```
*** Session 1<SECRET_ip6>
```

```
#####
# Session Info #
```

#####

State = 1 [SYNCHRONIZING]
Valid = 1
Active = 0
Property = Bridged
Priority = 0
Initial Timeout = 600

Ingress Properties

=====

vpid_handle = 50 [CNI]
PID = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x00
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
SRC_IP = 0x5045600C [<SECRET_ip4>]
DST_IP = 0x6D5AD793 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0x0035 [53]
L4_DST_PORT = 0xEAF9 [60153]
Lookup String = 0x00111000 0x2C91AB71 0xE85F0001 0x5C756246
= 0x00000000 0x5045600C 0x00000000 0x00000000
= 0x00000000 0x6D5AD793 0x00000000 0x00000000
= 0x00000000 0x00000000 0x0000FFFF 0x0035EAF9
Host Strip Off = 0
layersCount = 0
layers =

Egress Properties

=====

vpid_handle = 50 [CNI]
enable = 0x200
PID = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x00
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
SRC_IP = 0x5045600C [<SECRET_ip4>]
DST_IP = 0x6D5AD793 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0x0035 [53]
L4_DST_PORT = 0xEAF9 [60153]
eth_type = 0x0000
layersCount = 0
layers =

#####

Session Record #
#####

sessionInfoPointer = 0x37402800

Counters

=====

packetCounter = 0
byteCounter = 0

Egress Record

=====

HopListFlowPointer = 0xF420
QoSInfo = 0x1136
Priority = 0
SyncQ = 255
SessionIndex = 16424
SessionFlags = 0x00082006 [SUPPORT_FRAGS_PKTS] [DO_OPTS]
[TI_PP_SES_FLAG_DO_NOT_REASSEMBLE]
NewHeaderSize = 0
IngressVPID = 50
EgressVPID = 50
ProtocolSpecific0 = 0x00000000
ProtocolSpecific1 = 0x00000000

*** Session 1<SECRET_ip6>

Session Info #
#####

State = 2 [FORWARDING]
Valid = 1
Active = 0
Property = Routed
Priority = 0
Initial Timeout = 600

Ingress Properties

=====

vpid_handle = 46 [ETH]
PID = 4 [PP_SGMII1_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x01 [VLAN1]
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
Vlan1 = 0x0258
SRC_IP = 0xC0A8B215 [<SECRET_ip4>]
DST_IP = 0x8EFA4ACE [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0xDDFD [56829]
L4_DST_PORT = 0x01BB [443]
Lookup String = 0x04111001 0x2C91AB71 0xE85F0068 0xEBC95ADE
= 0x02580000 0xC0A8B215 0x00000000 0x00000000
= 0x00000000 0x8EFA4ACE 0x00000000 0x00000000
= 0x00000000 0x00000000 0x0000FFFF 0xDDFD01BB
Host Strip Off = 0
layersCount = 0
layers =

Egress Properties

=====

vpid_handle = 50 [CNI]
enable = 0x2008

```
PID = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x00
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
SRC_IP = 0x6D5AD793 [ <SECRET_ip4> ]
DST_IP = 0x8EFA4ACE [ <SECRET_ip4> ]
ToS = 0
L4_SRC_PORT = 0xDDFD [56829]
L4_DST_PORT = 0x01BB [443]
eth_type = 0x0800
us_psi = 0x00FF0000
us_psi2 = 0x00000000
layersCount = 0
layers =
```

```
#####
# Session Record #
#####
```

```
sessionInfoPointer = 0x373B8D00
```

Counters

```
=====
```

```
packetCounter = 8
byteCounter = 2371
```

Egress Record

```
=====
```

```
HopListFlowPointer = 0xF420
QoSInfo = 0x20CF
Priority = 0
SyncQ = 23
SessionIndex = 15245
SessionFlags = 0x0000A070 [TTL] [MOD] [STRIP_L2] [SUPPORT_SYNC_Q]
NewHeaderSize = 14
NewHeader = 0015C75.62462C91.AB71E85F.08000000.
IngressVPID = 46
EgressVPID = 50
ProtocolSpecific0 = 0x00FF0000
ProtocolSpecific1 = 0x00000000
```

Modification Record

```
=====
```

```
ModFlags = 0x01CC [IPADR] [L3CHK] [PORTS] [L4CHK] [IPTOS]
Tos = 0
IpSrc = <SECRET_ip4>
IpDst = <SECRET_ip4>
PortSrc = 56829
PortDst = 443
L3ChecksumDelta = 11728
L4ChecksumDelta = 11728
=====
```

```
*** Session 1<SECRET_ip6>
```

```
#####
# Session Info #
```

#####

State = 2 [FORWARDING]
Valid = 1
Active = 0
Property = Routed
Priority = 2
Initial Timeout = 600

Ingress Properties

=====

vpid_handle = 46 [ETH]
PID = 4 [PP_SGMII1_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 2 [TCP]
Flags = 0x01 [VLAN1]
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
Vlan1 = 0x0258
SRC_IP = 0xC0A8B215 [<SECRET_ip4>]
DST_IP = 0x0D24DAB1 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0xF31B [62235]
L4_DST_PORT = 0x01BB [443]
Lookup String = 0x04112001 0x2C91AB71 0xE85F0068 0xEBC95ADE
= 0x02580000 0xC0A8B215 0x00000000 0x00000000
= 0x00000000 0x0D24DAB1 0x00000000 0x00000000
= 0x00000000 0x00000000 0x0000FFFF 0xF31B01BB
Host Strip Off = 0
layersCount = 0
layers =

Egress Properties

=====

vpid_handle = 50 [CNI]
enable = 0x2008
PID = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 2 [TCP]
Flags = 0x00
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
SRC_IP = 0x6D5AD793 [<SECRET_ip4>]
DST_IP = 0x0D24DAB1 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0xF31B [62235]
L4_DST_PORT = 0x01BB [443]
eth_type = 0x0800
tdox_handle = 243
us_psi = 0x00FF0AF3
us_psi2 = 0x00000000
layersCount = 0
layers =

Session Record #
#####

sessionInfoPointer = 0x373A6800

Counters

=====

packetCounter = 11
byteCounter = 5627

Egress Record

=====

HopListFlowPointer = 0xF430
QoSInfo = 0x20CE
Priority = 2
SyncQ = 255
SessionIndex = 14952
SessionFlags = 0x00002070 [TTL] [MOD] [STRIP_L2]
NewHeaderSize = 14
NewHeader = 00015C75.62462C91.AB71E85F.08000000.
IngressVPID = 46
EgressVPID = 50
ProtocolSpecific0 = 0x00FF0AF3
ProtocolSpecific1 = 0x00000000

Modification Record

=====

ModFlags = 0x01CC [IPADR] [L3CHK] [PORTS] [L4CHK] [IPTOS]
Tos = 0
IpSrc = <SECRET_ip4>
IpDst = <SECRET_ip4>
PortSrc = 62235
PortDst = 443
L3ChecksumDelta = 11728
L4ChecksumDelta = 11728

=====

*** Session 1<SECRET_ip6>

Session Info #
#####

State = 2 [FORWARDING]
Valid = 1
Active = 0
Property = Routed
Priority = 0
Initial Timeout = 600

Ingress Properties

=====

vpid_handle = 46 [ETH]
PID = 4 [PP_SGMII1_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x01 [VLAN1]
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
Vlan1 = 0x0258
SRC_IP = 0xC0A8B215 [<SECRET_ip4>]
DST_IP = 0x8EFABA6A [<SECRET_ip4>]

```
ToS = 0
L4_SRC_PORT = 0xE47B [58491]
L4_DST_PORT = 0x01BB [443]
Lookup String = 0x04111001 0x2C91AB71 0xE85F0068 0xEBC95ADE
= 0x02580000 0xC0A8B215 0x00000000 0x00000000
= 0x00000000 0x8EFABA6A 0x00000000 0x00000000
= 0x00000000 0x00000000 0x0000FFFF 0xE47B01BB

Host Strip Off = 0
layersCount = 0
layers =
```

Egress Properties
=====

```
vpid_handle = 50 [CNI]
enable = 0x2008
PID = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x00
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
SRC_IP = 0x6D5AD793 [ <SECRET_ip4> ]
DST_IP = 0x8EFABA6A [ <SECRET_ip4> ]
ToS = 0
L4_SRC_PORT = 0xE47B [58491]
L4_DST_PORT = 0x01BB [443]
eth_type = 0x0800
us_psi = 0x00FF0000
us_psi2 = 0x00000000
layersCount = 0
layers =
```

```
#####
# Session Record #
#####
```

```
sessionInfoPointer = 0x373A4800
```

Counters
=====

```
packetCounter = 16
byteCounter = 1540
```

Egress Record
=====

```
HopListFlowPointer = 0xF420
QoSInfo = 0x20CF
Priority = 0
SyncQ = 11
SessionIndex = 14920
SessionFlags = 0x0000A070 [TTL] [MOD] [STRIP_L2] [SUPPORT_SYNC_Q]
NewHeaderSize = 14
NewHeader = 00015C75.62462C91.AB71E85F.08000000.
IngressVPID = 46
EgressVPID = 50
ProtocolSpecific0 = 0x00FF0000
ProtocolSpecific1 = 0x00000000
```

Modification Record


```
=====
ModFlags          = 0x01CC [IPADR] [L3CHK] [PORTS] [L4CHK] [IPTOS]
Tos               = 0
IpSrc             = <SECRET_ip4>
IpDst             = <SECRET_ip4>
PortSrc           = 58491
PortDst           = 443
L3ChecksumDelta   = 11728
L4ChecksumDelta   = 11728
=====
```

*** Session <SECRET_ip6>

```
#####
# Session Info #
#####
```

```
State             = 2 [FORWARDING]
Valid             = 1
Active            = 1
Property          = Routed
Priority           = 0
Initial Timeout   = 600
```

Ingress Properties

```
=====
```

```
vpid_handle       = 46 [ETH]
PID               = 4 [PP_SGMII1_RX_PID_NUM]
L2_type           = 1 [ETH]
L3_type           = 1 [IPv4]
L4_Protocol       = 4 [ICMP]
Flags             = 0x01 [VLAN1]
dstmac            = xx:xx:xx:xx:xx:xx
srcmac            = xx:xx:xx:xx:xx:xx
Vlan1             = 0x0258
SRC_IP            = 0xC0A8B215 [ <SECRET_ip4> ]
DST_IP            = 0x8B079331 [ <SECRET_ip4> ]
ToS               = 0
L4_ICMP_ID        = 0x0002 [2]
L4_ICMP_TYPE      = [ICMP_ECHO_REQUEST]
Lookup String     = 0x04114001 0x2C91AB71 0xE85F0068 0xEBC95ADE
                  = 0x02580000 0xC0A8B215 0x00000000 0x00000000
                  = 0x00000000 0x8B079331 0x00000000 0x00000000
                  = 0x00000000 0x00000000 0x0000FFFF 0x00020001
Host Strip Off    = 0
layersCount       = 0
layers            =
```

Egress Properties

```
=====
```

```
vpid_handle       = 50 [CNI]
enable            = 0x2108
PID               = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type           = 1 [ETH]
L3_type           = 1 [IPv4]
L4_Protocol       = 4 [ICMP]
Flags             = 0x00
dstmac            = xx:xx:xx:xx:xx:xx
srcmac            = xx:xx:xx:xx:xx:xx
SRC_IP            = 0x6D5AD793 [ <SECRET_ip4> ]
```

DST_IP = 0x8B079331 [<SECRET_ip4>]
ToS = 0
L4_ICMP_ID = 0x0002 [2]
L4_ICMP_TYPE = [ICMP_ECHO_REQUEST]
eth_type = 0x0800
us_psi = 0x00FF0000
us_psi2 = 0x00000000
layersCount = 0
layers =

Session Record #
#####

sessionInfoPointer = 0x37243F00

Counters

=====

packetCounter = 22
byteCounter = 2420

Egress Record

=====

HopListFlowPointer = 0xF420
QoSInfo = 0x20CF
Priority = 0
SyncQ = 9
SessionIndex = 9279
SessionFlags = 0x0000A070 [TTL] [MOD] [STRIP_L2] [SUPPORT_SYNC_Q]
NewHeaderSize = 14
NewHeader = 00015C75.62462C91.AB71E85F.08000000.
IngressVPID = 46
EgressVPID = 50
ProtocolSpecific0 = 0x00FF0000
ProtocolSpecific1 = 0x00000000

Modification Record

=====

ModFlags = 0x038C [IPADR] [L3CHK] [L4CHK] [IPTOS] [ICMP]
Tos = 0
IpSrc = <SECRET_ip4>
IpDst = <SECRET_ip4>
IcmpID = 2
L3ChecksumDelta = 11728
L4ChecksumDelta = 0

=====

*** Session <SECRET_ip6>

Session Info #
#####

State = 1 [SYNCHRONIZING]
Valid = 1
Active = 0
Property = Routed
Priority = 2
Initial Timeout = 600

Ingress Properties

=====

```

vpid_handle      = 50 [CNI]
PID              = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type         = 1 [ETH]
L3_type         = 1 [IPv4]
L4_Protocol     = 2 [TCP]
Flags           = 0x00
dstmac          = xx:xx:xx:xx:xx:xx
srcmac          = xx:xx:xx:xx:xx:xx
SRC_IP          = 0xC3B5AF37 [ <SECRET_ip4> ]
DST_IP          = 0x6D5AD793 [ <SECRET_ip4> ]
ToS             = 0
L4_SRC_PORT     = 0x01BB [443]
L4_DST_PORT     = 0xF31C [62236]
Lookup String   = 0x00112000 0x2C91AB71 0xE85F0001 0x5C756246
                 = 0x00000000 0xC3B5AF37 0x00000000 0x00000000
                 = 0x00000000 0x6D5AD793 0x00000000 0x00000000
                 = 0x00000000 0x00000000 0x0000FFFF 0x01BBF31C

Host Strip Off  = 0
layersCount    = 0
layers         =

```

Egress Properties

=====

```

vpid_handle      = 46 [ETH]
enable          = 0x2001 [VLAN]
PID             = 4 [PP_SGMII1_RX_PID_NUM]
L2_type         = 1 [ETH]
L3_type         = 1 [IPv4]
L4_Protocol     = 2 [TCP]
Flags           = 0x01 [VLAN1]
dstmac          = xx:xx:xx:xx:xx:xx
srcmac          = xx:xx:xx:xx:xx:xx
Vlan1           = 0x0258
SRC_IP          = 0xC3B5AF37 [ <SECRET_ip4> ]
DST_IP          = 0xC0A8B215 [ <SECRET_ip4> ]
ToS             = 0
L4_SRC_PORT     = 0x01BB [443]
L4_DST_PORT     = 0xF31C [62236]
eth_type        = 0x0000
tdox_handle     = 258
us_psi         = 0x00000B02
layersCount    = 0
layers         =

```

```

#####
# Session Record #
#####

```

sessionInfoPointer = 0x37202A00

Counters

=====

```

packetCounter    = 0
byteCounter      = 0

```

Egress Record

=====

HopListFlowPointer = 0xF430

QoSInfo = 0x1033
Priority = 2
SyncQ = 255
SessionIndex = 8234
SessionFlags = 0x00002070 [TTL] [MOD] [STRIP_L2]
NewHeaderSize = 18
NewHeader = 0068EBC9.5ADE2C91.AB71E85F.81000258.08000000.
IngressVPID = 50
EgressVPID = 46
ProtocolSpecific0 = 0x00000B02
ProtocolSpecific1 = 0x00000000

Modification Record

=====
ModFlags = 0x01CC [IPADR] [L3CHK] [PORTS] [L4CHK] [IPTOS]
Tos = 0
IpSrc = <SECRET_ip4>
IpDst = <SECRET_ip4>
PortSrc = 443
PortDst = 62236
L3ChecksumDelta = 53807
L4ChecksumDelta = 53807
=====

*** Session <SECRET_ip6>

Session Info #
#####

State = 2 [FORWARDING]
Valid = 1
Active = 0
Property = Routed
Priority = 0
Initial Timeout = 600

Ingress Properties

=====
vpid_handle = 50 [CNI]
PID = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x00
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
SRC_IP = 0x426601BD [<SECRET_ip4>]
DST_IP = 0x6D5AD793 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0x01BB [443]
L4_DST_PORT = 0xF35E [62302]
Lookup String = 0x00111000 0x2C91AB71 0xE85F0001 0x5C756246
= 0x00000000 0x426601BD 0x00000000 0x00000000
= 0x00000000 0x6D5AD793 0x00000000 0x00000000
= 0x00000000 0x00000000 0x0000FFFF 0x01BBF35E
Host Strip Off = 0
layersCount = 0
layers =

Egress Properties

=====

vpid_handle = 46 [ETH]
enable = 0x01 [VLAN]
PID = 4 [PP_SGMII1_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x01 [VLAN1]
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
Vlan1 = 0x0258
SRC_IP = 0x426601BD [<SECRET_ip4>]
DST_IP = 0xC0A8B215 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0x01BB [443]
L4_DST_PORT = 0xF35E [62302]
eth_type = 0x0000
layersCount = 0
layers =

Session Record #
#####

sessionInfoPointer = 0x371EF000

Counters

=====

packetCounter = 121
byteCounter = 9269

Egress Record

=====

HopListFlowPointer = 0xF420
QoSInfo = 0x1035
Priority = 0
SyncQ = 4
SessionIndex = 7920
SessionFlags = 0x0000A070 [TTL] [MOD] [STRIP_L2] [SUPPORT_SYNC_Q]
NewHeaderSize = 18
NewHeader = 0068EBC9.5ADE2C91.AB71E85F.81000258.08000000.
IngressVPID = 50
EgressVPID = 46
ProtocolSpecific0 = 0x00000000
ProtocolSpecific1 = 0x00000000

Modification Record

=====

ModFlags = 0x01CC [IPADR] [L3CHK] [PORTS] [L4CHK] [IPTOS]
Tos = 0
IpSrc = <SECRET_ip4>
IpDst = <SECRET_ip4>
PortSrc = 443
PortDst = 62302
L3ChecksumDelta = 53807
L4ChecksumDelta = 53807

=====

*** Session <SECRET_ip6>

Session Info #
#####

State = 1 [SYNCHRONIZING]
Valid = 1
Active = 0
Property = Bridged
Priority = 0
Initial Timeout = 600

Ingress Properties

=====

vpid_handle = 46 [ETH]
PID = 4 [PP_SGMII1_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x01 [VLAN1]
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
Vlan1 = 0x0258
SRC_IP = 0xC0A8B215 [<SECRET_ip4>]
DST_IP = 0xC0A8B201 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0xFE6F [65135]
L4_DST_PORT = 0x0035 [53]
Lookup String = 0x04111001 0x2C91AB71 0xE85F0068 0xEBC95ADE
= 0x02580000 0xC0A8B215 0x00000000 0x00000000
= 0x00000000 0xC0A8B201 0x00000000 0x00000000
= 0x00000000 0x00000000 0x0000FFFF 0xFE6F0035
Host Strip Off = 0
layersCount = 0
layers =

Egress Properties

=====

vpid_handle = 46 [ETH]
enable = 0x200
PID = 4 [PP_SGMII1_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x01 [VLAN1]
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
Vlan1 = 0x0258
SRC_IP = 0xC0A8B215 [<SECRET_ip4>]
DST_IP = 0xC0A8B201 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0xFE6F [65135]
L4_DST_PORT = 0x0035 [53]
eth_type = 0x0000
layersCount = 0
layers =

Session Record #
#####

sessionInfoPointer = 0x371B2D00

Counters

=====

packetCounter = 0
byteCounter = 0

Egress Record

=====

HopListFlowPointer = 0xF420
QoSInfo = 0x114C
Priority = 0
SyncQ = 255
SessionIndex = 6957
SessionFlags = 0x00082006 [SUPPORT_FRAGS_PKTS] [DO_OPTS]
[TI_PP_SES_FLAG_DO_NOT_REASSEMBLE]
NewHeaderSize = 0
IngressVPID = 46
EgressVPID = 46
ProtocolSpecific0 = 0x00000000
ProtocolSpecific1 = 0x00000000

*** Session <SECRET_ip6>

Session Info #
#####

State = 2 [FORWARDING]
Valid = 1
Active = 0
Property = Routed
Priority = 0
Initial Timeout = 600

Ingress Properties

=====

vpid_handle = 46 [ETH]
PID = 4 [PP_SGMII1_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x01 [VLAN1]
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
Vlan1 = 0x0258
SRC_IP = 0xC0A8B215 [<SECRET_ip4>]
DST_IP = 0x426601BD [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0xF35E [62302]
L4_DST_PORT = 0x01BB [443]
Lookup String = 0x04111001 0x2C91AB71 0xE85F0068 0xEBC95ADE
= 0x02580000 0xC0A8B215 0x00000000 0x00000000
= 0x00000000 0x426601BD 0x00000000 0x00000000
= 0x00000000 0x00000000 0x0000FFFF 0xF35E01BB
Host Strip Off = 0
layersCount = 0
layers =

Egress Properties

=====

vpid_handle = 50 [CNI]
enable = 0x2008
PID = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 1 [UDP]
Flags = 0x00
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
SRC_IP = 0x6D5AD793 [<SECRET_ip4>]
DST_IP = 0x426601BD [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0xF35E [62302]
L4_DST_PORT = 0x01BB [443]
eth_type = 0x0800
us_psi = 0x00FF0000
us_psi2 = 0x00000000
layersCount = 0
layers =

Session Record #
#####

sessionInfoPointer = 0x37139E00

Counters

=====

packetCounter = 52
byteCounter = 4494

Egress Record

=====

HopListFlowPointer = 0xF420
QoSInfo = 0x20CF
Priority = 0
SyncQ = 6
SessionIndex = 5022
SessionFlags = 0x0000A070 [TTL] [MOD] [STRIP_L2] [SUPPORT_SYNC_Q]
NewHeaderSize = 14
NewHeader = 00015C75.62462C91.AB71E85F.08000000.
IngressVPID = 46
EgressVPID = 50
ProtocolSpecific0 = 0x00FF0000
ProtocolSpecific1 = 0x00000000

Modification Record

=====

ModFlags = 0x01CC [IPADR] [L3CHK] [PORTS] [L4CHK] [IPTOS]
Tos = 0
IpSrc = <SECRET_ip4>
IpDst = <SECRET_ip4>
PortSrc = 62302
PortDst = 443
L3ChecksumDelta = 11728
L4ChecksumDelta = 11728

=====

*** Session <SECRET_ip6>

Session Info #
#####

State = 2 [FORWARDING]
Valid = 1
Active = 1
Property = Bridged
Priority = 0
Initial Timeout = 600

Ingress Properties

=====

vpid_handle = 46 [ETH]
PID = 4 [PP_SGMII1_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 2 [TCP]
Flags = 0x01 [VLAN1]
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
Vlan1 = 0x0258
SRC_IP = 0xC0A8B215 [<SECRET_ip4>]
DST_IP = 0xA9FE0101 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0xF322 [62242]
L4_DST_PORT = 0x0050 [80]
Lookup String = 0x04112001 0x2C91AB71 0xE85F0068 0xEBC95ADE
= 0x02580000 0xC0A8B215 0x00000000 0x00000000
= 0x00000000 0xA9FE0101 0x00000000 0x00000000
= 0x00000000 0x00000000 0x0000FFFF 0xF3220050
Host Strip Off = 0
layersCount = 0
layers =

Egress Properties

=====

vpid_handle = 46 [ETH]
enable = 0x200
PID = 4 [PP_SGMII1_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 2 [TCP]
Flags = 0x01 [VLAN1]
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
Vlan1 = 0x0258
SRC_IP = 0xC0A8B215 [<SECRET_ip4>]
DST_IP = 0xA9FE0101 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0xF322 [62242]
L4_DST_PORT = 0x0050 [80]
eth_type = 0x0000
tdox_handle = disabled
layersCount = 0
layers =

```
#####  
# Session Record #  
#####
```

sessionInfoPointer = 0x37135400

Counters

=====

packetCounter = 24
byteCounter = 1536

Egress Record

=====

HopListFlowPointer = 0xF470
QoSInfo = 0x114C
Priority = 0
SyncQ = 255
SessionIndex = 4948
SessionFlags = 0x00082006 [SUPPORT_FRAGS_PKTTS] [DO_OPTS]
[TI_PP_SES_FLAG_DO_NOT_REASSEMBLE]
NewHeaderSize = 0
IngressVPID = 46
EgressVPID = 46
ProtocolSpecific0 = 0x00000000
ProtocolSpecific1 = 0x00000000

*** Session <SECRET_ip6>

```
#####  
# Session Info #  
#####
```

State = 2 [FORWARDING]
Valid = 1
Active = 0
Property = Routed
Priority = 2
Initial Timeout = 600

Ingress Properties

=====

vpid_handle = 46 [ETH]
PID = 4 [PP_SGMII1_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 2 [TCP]
Flags = 0x01 [VLAN1]
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
Vlan1 = 0x0258
SRC_IP = 0xC0A8B215 [<SECRET_ip4>]
DST_IP = 0x0D6B2B10 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0xF321 [62241]
L4_DST_PORT = 0x01BB [443]
Lookup String = 0x04112001 0x2C91AB71 0xE85F0068 0xEBC95ADE
= 0x02580000 0xC0A8B215 0x00000000 0x00000000
= 0x00000000 0x0D6B2B10 0x00000000 0x00000000
= 0x00000000 0x00000000 0x0000FFFF 0xF32101BB

Host Strip Off = 0
layersCount = 0
layers =

Egress Properties

=====

vpid_handle = 50 [CNI]
enable = 0x2008
PID = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type = 1 [ETH]
L3_type = 1 [IPv4]
L4_Protocol = 2 [TCP]
Flags = 0x00
dstmac = xx:xx:xx:xx:xx:xx
srcmac = xx:xx:xx:xx:xx:xx
SRC_IP = 0x6D5AD793 [<SECRET_ip4>]
DST_IP = 0x0D6B2B10 [<SECRET_ip4>]
ToS = 0
L4_SRC_PORT = 0xF321 [62241]
L4_DST_PORT = 0x01BB [443]
eth_type = 0x0800
tdox_handle = 80
us_psi = 0x00FF0A50
us_psi2 = 0x00000000
layersCount = 0
layers =

Session Record #
#####

sessionInfoPointer = 0x370CB600

Counters

=====

packetCounter = 9
byteCounter = 1431

Egress Record

=====

HopListFlowPointer = 0xF430
QoSInfo = 0x20CE
Priority = 2
SyncQ = 255
SessionIndex = 3254
SessionFlags = 0x00002070 [TTL] [MOD] [STRIP_L2]
NewHeaderSize = 14
NewHeader = 00015C75.62462C91.AB71E85F.08000000.
IngressVPID = 46
EgressVPID = 50
ProtocolSpecific0 = 0x00FF0A50
ProtocolSpecific1 = 0x00000000

Modification Record

=====

ModFlags = 0x01CC [IPADR] [L3CHK] [PORTS] [L4CHK] [IPTOS]
Tos = 0
IpSrc = <SECRET_ip4>
IpDst = <SECRET_ip4>
PortSrc = 62241

```
PortDst          = 443
L3ChecksumDelta  = 11728
L4ChecksumDelta  = 11728
=====
```

```
*** Session <SECRET_ip6>
```

```
#####
# Session Info #
#####
```

```
State            = 2 [FORWARDING]
Valid            = 1
Active          = 0
Property        = Routed
Priority        = 2
Initial Timeout = 600
```

```
Ingress Properties
```

```
=====
```

```
vpid_handle      = 50 [CNI]
PID              = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type         = 1 [ETH]
L3_type         = 1 [IPv4]
L4_Protocol     = 2 [TCP]
Flags           = 0x00
dstmac          = xx:xx:xx:xx:xx:xx
srcmac          = xx:xx:xx:xx:xx:xx
SRC_IP          = 0x0D24DAB1 [ <SECRET_ip4> ]
DST_IP          = 0x6D5AD793 [ <SECRET_ip4> ]
ToS             = 0
L4_SRC_PORT     = 0x01BB [443]
L4_DST_PORT     = 0xF31B [62235]
Lookup String   = 0x00112000 0x2C91AB71 0xE85F0001 0x5C756246
                 = 0x00000000 0x0D24DAB1 0x00000000 0x00000000
                 = 0x00000000 0x6D5AD793 0x00000000 0x00000000
                 = 0x00000000 0x00000000 0x0000FFFF 0x01BBF31B
Host Strip Off  = 0
layersCount     = 0
layers          =
```

```
Egress Properties
```

```
=====
```

```
vpid_handle      = 46 [ETH]
enable          = 0x2001 [VLAN]
PID            = 4 [PP_SGMII1_RX_PID_NUM]
L2_type       = 1 [ETH]
L3_type       = 1 [IPv4]
L4_Protocol   = 2 [TCP]
Flags         = 0x01 [VLAN1]
dstmac       = xx:xx:xx:xx:xx:xx
srcmac       = xx:xx:xx:xx:xx:xx
Vlan1       = 0x0258
SRC_IP      = 0x0D24DAB1 [ <SECRET_ip4> ]
DST_IP      = 0xC0A8B215 [ <SECRET_ip4> ]
ToS         = 0
L4_SRC_PORT = 0x01BB [443]
L4_DST_PORT = 0xF31B [62235]
eth_type    = 0x0000
tdox_handle = 176
```

us_psi = 0x00000AB0
layersCount = 0
layers =

Session Record #
#####

sessionInfoPointer = 0x370AA300

Counters

=====

packetCounter = 11
byteCounter = 5202

Egress Record

=====

HopListFlowPointer = 0xF430
QoSInfo = 0x1033
Priority = 2
SyncQ = 255
SessionIndex = 2723
SessionFlags = 0x00002070 [TTL] [MOD] [STRIP_L2]
NewHeaderSize = 18
NewHeader = 0068EBC9.5ADE2C91.AB71E85F.81000258.08000000.
IngressVPID = 50
EgressVPID = 46
ProtocolSpecific0 = 0x00000AB0
ProtocolSpecific1 = 0x00000000

Modification Record

=====

ModFlags = 0x01CC [IPADR] [L3CHK] [PORTS] [L4CHK] [IPTOS]
Tos = 0
IpSrc = <SECRET_ip4>
IpDst = <SECRET_ip4>
PortSrc = 443
PortDst = 62235
L3ChecksumDelta = 53807
L4ChecksumDelta = 53807

=====

*** Session <SECRET_ip6>

Session Info #
#####

State = 2 [FORWARDING]
Valid = 1
Active = 0
Property = Routed
Priority = 2
Initial Timeout = 600

Ingress Properties

=====

vpid_handle = 50 [CNI]
PID = 0 [PP_DOCSIS_RX_PID_NUM]
L2_type = 1 [ETH]

```
L3_type           = 1 [IPv4]
L4_Protocol       = 2 [TCP]
Flags             = 0x00
dstmac           = xx:xx:xx:xx:xx:xx
srcmac           = xx:xx:xx:xx:xx:xx
SRC_IP           = 0x0D6B2B10 [ <SECRET_ip4> ]
DST_IP           = 0x6D5AD793 [ <SECRET_ip4> ]
ToS              = 0
L4_SRC_PORT      = 0x01BB [443]
L4_DST_PORT      = 0xF321 [62241]
Lookup String     = 0x00112000 0x2C91AB71 0xE85F0001 0x5C756246
                  = 0x00000000 0x0D6B2B10 0x00000000 0x00000000
                  = 0x00000000 0x6D5AD793 0x00000000 0x00000000
                  = 0x00000000 0x00000000 0x0000FFFF 0x01BBF321

Host Strip Off   = 0
layersCount     = 0
layers          =
```

Egress Properties

=====

```
vpid_handle      = 46 [ETH]
enable           = 0x2001 [VLAN]
PID              = 4 [PP_SGMII1_RX_PID_NUM]
L2_type          = 1 [ETH]
L3_type          = 1 [IPv4]
L4_Protocol      = 2 [TCP]
Flags            = 0x01 [VLAN1]
dstmac           = xx:xx:xx:xx:xx:xx
srcmac           = xx:xx:xx:xx:xx:xx
Vlan1           = 0x0258
SRC_IP           = 0x0D6B2B10 [ <SECRET_ip4> ]
DST_IP           = 0xC0A8B215 [ <SECRET_ip4> ]
ToS              = 0
L4_SRC_PORT      = 0x01BB [443]
L4_DST_PORT      = 0xF321 [62241]
eth_type        = 0x0000
tdox_handle      = 147
us_psi          = 0x00000A93
layersCount     = 0
layers          =
```

```
#####
# Session Record #
#####
```

```
sessionInfoPointer = 0x370A3D00
```

Counters

=====

```
packetCounter    = 11
byteCounter      = 7073
```

Egress Record

=====

```
HopListFlowPointer = 0xF430
QoSInfo            = 0x1033
Priority           = 2
SyncQ             = 255
SessionIndex      = 2621
SessionFlags      = 0x00002070 [TTL] [MOD] [STRIP_L2]
```

NewHeaderSize = 18
NewHeader = 0068EBC9.5ADE2C91.AB71E85F.81000258.08000000.
IngressVPID = 50
EgressVPID = 46
ProtocolSpecific0 = 0x00000A93
ProtocolSpecific1 = 0x00000000

Modification Record
=====

ModFlags = 0x01CC [IPADR] [L3CHK] [PORTS] [L4CHK] [IPTOS]
Tos = 0
IpSrc = <SECRET_ip4>
IpDst = <SECRET_ip4>
PortSrc = 443
PortDst = 62241
L3ChecksumDelta = 53807
L4ChecksumDelta = 53807
=====

/proc/net/synopsys/getMuxConfig:

GMAC 2 is connected to External PHY and GMAC 5 (ATOM) is connected to GMAC 4

/proc/net/synopsys/showInterfaceStatus:

	ADMIN	STATUS	CONF	ACTUAL	CONF	ACTUAL	
CONF	AUTO-NEG	CONF EXT	TX	RX	2.5Mhz	125Mhz	BASE
			SPEED	SPEED	DUPLEX	DUPLEX	
AUTO-NEG	COMPLETED	LOOPBACK	ENABLE	ENABLE	DELAY	DELAY	
ADDRESS							
-----+-----+-----+-----+-----+-----+-----+-----							
----+							
nsgmii0	Disable	Down	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	
0x80000000							
-----+-----+-----+-----+-----+-----+-----+-----							
----+							
nrgmii1	Enable	Down	1000	2500	Full	Half	
Off	False	Off	On	On	N/A	N/A	
0xf0304000							
			Mbps	Mbps	Duplex	Duplex	
-----+-----+-----+-----+-----+-----+-----+-----							
----+							
nrgmii2	Disable	Down	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	
0x80000000							

```

+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+-----+-----+
----+
| nrgmii3 | Enable | Down | 1000 | 0 | Full | Half |
Off      | False  | Off  | On   | On | 3.2  | 0.8  |
0xf030c000 |
|         |        |      | Mbps | Mbps | Duplex | Duplex |
|         |        |      |      |      |        |        |
+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+-----+-----+
----+
| ngmii4  | Enable | Down | 1000 | 0 | Full | Half |
Off      | False  | Off  | On   | On | N/A   | N/A   |
0xf0310000 |
|         |        |      | Mbps | Mbps | Duplex | Duplex |
|         |        |      |      |      |        |        |
+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+-----+-----+
----+

```

/proc/net/pp/HAL/wifiFwData:

Wifi Device 0 (Idx in fw is 0) :

	TX	RX
PDSP ID	22	25
DB address	0xf3f60200	0xf3e40700
Valid	yes	yes
suspend	no	no
offload mode	partial	partial
request irq	enable	disable
complete irq	disable	disable
stat counters off	0xa8	0x48
free buffers	0xfff	0x0
used buffers	0x0	0xfff
max buffers	0xfff	0xfff
free priv buffers		0x0
max priv buffers		0x400
PID		16
	request ring	complete ring
base address	0x36010000	0x360f0000
element size	0x4	0x4
size	0xfff	0xfff
hw counter	0xf3f76000	0xf3f7600c
head pointer	2499523	1137662
tail pointer	2499523	1133567
used	0	4095
free	4095	0
sent pkts	2499523	1137662
Input queue off	0x1a8c	n/a
Buffers Pushed	0	n/a
Mark	0xd0000000	0x90000000
Num elements pushed	0	n/a
remote pointer	0x36008000	0x3600b000
remote value	2499523	1137662
	complete ring	request ring

base address	0x360e0000	0x360d0000
element size	0x4	0x4
size	0xfff	0xfff
hw counter	0xf3f76008	0xf3f76004
head pointer	2499523	1133567
tail pointer	2499523	1133567
used	0	0
free	4095	4095
receive pkts	2499523	1133567
receive valid pkts	2499523	1133567
drops	n/a	0
mcdma page off	0xff00	0xff00
mcdma page num	0x0	0x0
mcdma channel regs	0x0	0x0
next free page off	0x1	0x1
pages base	0x0	0x0
remote pointer	0x3600a040	0x36009040
remote value	2499523	1133567

Wifi Device 1 (Idx in fw is 0) :

	TX	RX
PDSP ID	23	26
DB address	0xf3fe0200	0xf3e57900
Valid	yes	yes
suspend	no	no
offload mode	partial	partial
request irq	enable	disable
complete irq	disable	disable
stat counters off	0x130	0xd0
free buffers	0xfff	0x0
used buffers	0x0	0xfff
max buffers	0xfff	0xfff
free priv buffers		0x0
max priv buffers		0x400
PID		17
	request ring	complete ring
base address	0x36100000	0x36130000
element size	0x4	0x4
size	0xfff	0xfff
hw counter	0xf3f76010	0xf3f7601c
head pointer	291331	138136
tail pointer	291331	134041
used	0	4095
free	4095	0
sent pkts	0	0
Input queue off	0x1a9c	n/a
Buffers Pushed	0	n/a
Mark	0xd1000000	0x91000000
Num elements pushed	0	n/a
remote pointer	0x3600c000	0x3600f000
remote value	291331	138136

-----	complete ring	request ring
base address	0x36120000	0x36110000
element size	0x4	0x4
size	0xfff	0xfff
hw counter	0xf3f76018	0xf3f76014
head pointer	291331	134041
tail pointer	291331	134041
used	0	0
free	4095	4095
receive pkts	0	0
receive valid pkts	0	0
drops	n/a	0
mcdma page off	0xff00	0xff00
mcdma page num	0x0	0x0
mcdma channel regs	0x0	0x0
next free page off	0x1	0x0
pages base	0x0	0x0
remote pointer	0x3600e040	0x3600d040
remote value	291331	134041

Wifi Device 2:

Wifi Device 3:

/proc/net/pp/HAL/wifiWmmPrioritization:

1

/proc/net/pp/HAL/wifiFwData:

Wifi Device 0 (Idx in fw is 0) :

-----	TX	RX
PDSP ID	22	25
DB address	0xf3f60200	0xf3e40700
Valid	yes	yes
suspend	no	no
offload mode	partial	partial
request irq	enable	disable
complete irq	disable	disable
stat counters off	0xa8	0x48
free buffers	0xfff	0x0
used buffers	0x0	0xfff
max buffers	0xfff	0xfff
free priv buffers		0x0
max priv buffers		0x400
PID		16

-----	request ring	complete ring
base address	0x36010000	0x360f0000
element size	0x4	0x4
size	0xfff	0xfff
hw counter	0xf3f76000	0xf3f7600c

head pointer	2499523	1137662
tail pointer	2499523	1133567
used	0	4095
free	4095	0
sent pkts	2499523	1137662
Input queue off	0x1a8c	n/a
Buffers Pushed	0	n/a
Mark	0xd0000000	0x90000000
Num elements pushed	0	n/a
remote pointer	0x36008000	0x3600b000
remote value	2499523	1137662
-----		-----
-----	complete ring	request ring
-----		-----
base address	0x360e0000	0x360d0000
element size	0x4	0x4
size	0xfff	0xfff
hw counter	0xf3f76008	0xf3f76004
head pointer	2499523	1133567
tail pointer	2499523	1133567
used	0	0
free	4095	4095
receive pkts	2499523	1133567
receive valid pkts	2499523	1133567
drops	n/a	0
mcdma page off	0xff00	0xff00
mcdma page num	0x0	0x0
mcdma channel regs	0x0	0x0
next free page off	0x1	0x1
pages base	0x0	0x0
remote pointer	0x3600a040	0x36009040
remote value	2499523	1133567
-----		-----
-----		-----

Wifi Device 1 (Idx in fw is 0) :

-----		-----
-----	TX	RX
-----		-----
PDSP ID	23	26
DB address	0xf3fe0200	0xf3e57900
Valid	yes	yes
suspend	no	no
offload mode	partial	partial
request irq	enable	disable
complete irq	disable	disable
stat counters off	0x130	0xd0
free buffers	0xfff	0x0
used buffers	0x0	0xfff
max buffers	0xfff	0xfff
free priv buffers		0x0
max priv buffers		0x400
PID		17
-----		-----
-----	request ring	complete ring
-----		-----
base address	0x36100000	0x36130000
element size	0x4	0x4
size	0xfff	0xfff

hw counter	0xf3f76010	0xf3f7601c
head pointer	291331	138136
tail pointer	291331	134041
used	0	4095
free	4095	0
sent pkts	0	0
Input queue off	0x1a9c	n/a
Buffers Pushed	0	n/a
Mark	0xd1000000	0x91000000
Num elements pushed	0	n/a
remote pointer	0x3600c000	0x3600f000
remote value	291331	138136
----- complete ring		----- request ring
base address	0x36120000	0x36110000
element size	0x4	0x4
size	0xfff	0xfff
hw counter	0xf3f76018	0xf3f76014
head pointer	291331	134041
tail pointer	291331	134041
used	0	0
free	4095	4095
receive pkts	0	0
receive valid pkts	0	0
drops	n/a	0
mcdma page off	0xff00	0xff00
mcdma page num	0x0	0x0
mcdma channel regs	0x0	0x0
next free page off	0x1	0x0
pages base	0x0	0x0
remote pointer	0x3600e040	0x3600d040
remote value	291331	134041
-----		-----
-----		-----

Wifi Device 2:

----- |

Wifi Device 3:

----- |

/proc/lpal/cppp_recv_poll:
0

/proc/lpal/cppp_rx_budget:
32

/proc/lpal/cppp_tx_work_max:
0

/proc/lpal/cppp_txq_max:
3000

/proc/lpal/db:

LPAL device[0]

=====

pid [16]:[PP_WiFi_PORT0_PID_NUM]

```
cid [ 2]:[CPPP_ID_WIFI_0]
valid [ 1] refcnt [2 ]
cppi: dev [wlan0] tx_open [1]
cppp: handle [ad6f3800]
```

```
LPAL device[1]
```

```
=====
pid [17]:[PP_WiFi_PORT1_PID_NUM]
cid [ 3]:[CPPP_ID_WIFI_1]
valid [ 1] refcnt [2 ]
cppi: dev [wlan1] tx_open [1]
cppp: handle [ad6f3000]
```

```
LPAL device[2]
```

```
=====
pid [18]:[PP_WiFi_PORT2_PID_NUM]
cid [ 4]:[CPPP_ID_WIFI_2]
valid [ 0] refcnt [0 ]
```

```
LPAL device[3]
```

```
=====
pid [19]:[PP_WiFi_PORT3_PID_NUM]
cid [ 5]:[CPPP_ID_WIFI_3]
valid [ 0] refcnt [0 ]
```

```
lpal net device[0] name[wifi0]
```

```
=====
pid: [16] vpid:[ 0]
netif:[aba40000] ifid:[16] flags[0x80000001]
rx_fn_rxif_pkt: [ 0]
rx_fn_txif_pkt: [ 0]
tx_pkt: [ 0]
tx_pkt_dropped: [ 0]
tx_pkt_queued: [ 0]
```

```
lpal net device[1] name[ath1]
```

```
=====
pid: [16] vpid:[41]
netif:[ac9bf000] ifid:[16] flags[0x80000001]
rx_fn_rxif_pkt: [ 3553]
rx_fn_txif_pkt: [ 50669]
tx_pkt: [ 0]
tx_pkt_dropped: [ 0]
tx_pkt_queued: [ 0]
```

```
lpal net device[2] name[wifi1]
```

```
=====
pid: [17] vpid:[ 0]
netif:[a6000000] ifid:[17] flags[0x80000001]
rx_fn_rxif_pkt: [ 0]
rx_fn_txif_pkt: [ 0]
tx_pkt: [ 0]
tx_pkt_dropped: [ 0]
tx_pkt_queued: [ 0]
```

```
lpal net device[3] name[ath0]
=====
pid: [17] vpid:[40]
netif:[ab3d9000] ifid:[17] flags[0x80000001]
rx_fn_rxif_pkt: [ 0]
rx_fn_txif_pkt: [ 0]
tx_pkt: [ 0]
tx_pkt_dropped: [ 0]
tx_pkt_queued: [ 0]
```

```
/proc/lpal/db_stats:
LPAL registered devices [2]
=====
```

```
LPAL device [wlan0] pid [16]
=====
```

```
cppi stats:
rx_packets [ 184299]
rx_bytes [ 35082342]
rx_dropped [ 0]
rx_vpid_errors [ 0]
tx_packets [ 0]
tx_bytes [ 0]
tx_dropped [ 0]
```

```
cppp stats:
rx_packets [ 2499521]
rx_bytes [ 3108546766]
rx_dropped [ 2]
tx_packets [ 1133567]
tx_bytes [ 241646748]
tx_dropped [ 0]
```

```
marked_alloc [ 0]
marked_send [ 0]
marked_recv [ 2499523]
marked_free [ 2499523]
unmarked_alloc [ 0]
copy_alloc [ 1133567]
copy_send [ 1133567]
drop_send [ 0]
cloned [ 0]
rx_isr [ 695576]
rx_tasklet_poll [ 2196]
```

```
cppp_alloc [ 1133567]
cppp_send [ 1133567]
cppp_recv [ 2499523]
cppp_free [ 2499523]
```

```
LPAL device [wlan1] pid [17]
=====
```

```
cppi stats:
rx_packets [ 21071]
rx_bytes [ 4151404]
rx_dropped [ 0]
```

```
rx_vpid_errors [          0]
tx_packets     [          0]
tx_bytes       [          0]
tx_dropped     [          0]
```

cppp stats:

```
rx_packets     [    291331]
rx_bytes       [  346732079]
rx_dropped     [          0]
tx_packets     [    134041]
tx_bytes       [  31181098]
tx_dropped     [          0]
```

```
marked_alloc   [          0]
marked_send    [          0]
marked_recv    [    291331]
marked_free    [    291331]
unmarked_alloc [          0]
copy_alloc     [    134041]
copy_send      [    134041]
drop_send      [          0]
cloned         [          0]
rx_isr         [    664053]
rx_tasklet_poll [     413]
```

```
cppp_alloc     [    134041]
cppp_send      [    134041]
cppp_recv      [    291331]
cppp_free      [    291331]
```

```
/sys/devices/platform/toe/version:
2.2.3
```

```
/sys/devices/platform/toe/enable:
TOE driver enabled
```

```
/sys/devices/platform/toe/gso:
TOE GSO ENABLED
```

```
/sys/devices/platform/toe/out_if:
cni0
```

```
/sys/devices/platform/toe/process_based_<SECRET_ip6>
TOE process based acceleration disabled
```

```
/sys/devices/platform/toe/process_lut:
```

```
TOE PROCESS LUT processes (4 entries):
```

```
toe_process_lut[0]=smbd
toe_process_lut[1]=iperf
toe_process_lut[2]=iperf3
toe_process_lut[3]=vsftpd
```

```
Add more process by echo "ADD <process name>"
Delete existing process by echo "DEL <process name>"
```

```
/sys/devices/platform/toe/rx_direct:
TOE RX Direct DISABLED
```

/sys/devices/platform/toe/rx_hil_ingress:
rx_hil_ingress DISABLED

/sys/devices/platform/toe/stats:
TOE driver statistics

	hook	total	offload	dropped
TOE_TX_MODIFY_HOOK	276704490		0	0
TOE_TX_RESTORE_HOOK	0		0	0
TOE_RX_MODIFY_HOOK	2156278		0	0
TOE_RX_RESTORE_HOOK	0		0	0
	v4_passed	v6_passed	skipped	
RX_DIRECT	0	0	0	0

/proc/net/avm_pa/brief:

Version : For Linux version 4.9.250 xxx@yyy.zz) #1 SMP PREEMPT
2021-05-27

State : enabled
HW State : enable
BSession allow : no (by hw)
Filter active : empty
BSessions : 0
Sessions : 21
HW Sessions : 22
Max Sessions : 1357
Sessions (dead): 0
Sessions (free): 8170
Egress pool : 40/40
Queuelen : 0
Rx pkts/secs : 29
Fw pkts/sec : 13
Ov pkts/sec : 0
Rx pakets : 276935702
Rx bypass : 1397481
Rx ttl <= 1 : 0
Rx broadcast : 0
Rx search : 275538221
Rx match : 651420
Rx modified : 389805
Fw pakets : 453361
Fw local : 80230
VPID1 : RX 0 TX 0 lan0
VPID2 : RX 1210351122 TX 328666725 internet
VPID3 : RX 234988 TX 386220 voip

/proc/net/avm_pa/status:

State : enabled
HW State : enable
BSession allow : no (by hw)
Filter active : empty
Loadcontrol : idle
IDLE mswin : 10 50
IRQ mswin : 300 400
TelephonyReduce: Disabled
Maxrate : 5000
TBF : disabled
Limit Rate : 5000
Current Rate : 13
user msecs/sec : 1396768
idle msecs/sec : 1644539

irq msecs/sec : 1664552

/proc/net/avm_pa/stats:

```
BSessions      :      0
Sessions       :      21
HW Sessions    :      22
Max Sessions   :     1357
Sessions (dead):      0
Sessions (free):    8170
Rx packets/sec :      29 (   -12)
Fw packets/sec :      13 (   -13)
Ov packets/sec :      0 (    +0)
Rx pakets      : 276935702 ( +9456)
Rx bypass      :   1397481 ( +5399)
Rx frag list   :      0 (    +0)
Rx ttl <= 1    :      0 (    +0)
Rx broadcast   :      0 (    +0)
Rx search      : 275538221 ( +4057)
Rx match       :   651420 ( +1515)
Rx lisp changed:      0 (    +0)
Rx df          :      0 (    +0)
Rx modified    :   389805 ( +1147)
Rx overlimit   :      0 (    +0)
Rx dropped     :      0 (    +0)
Rx irq         :      0 (    +0)
Rx irq dropped :      0 (    +0)
Rx hroom       :      0 (    +0)
Rx hroom fail  :      0 (    +0)
Fw pakets      :   453361 ( +1463)
Fw output      :   154215 ( +1143)
Fw output drop :      0 (    +0)
Fw local       :    80230 ( +320)
Fw rtp         :   218916 (    +0)
Fw rtp drop    :      0 (    +0)
Fw illegal     :      0 (    +0)
Fw frags       :      0 (    +0)
Fw drop        :      0 (    +0)
Fw drop gone   :      66 (    +0)
Fw fail        :      0 (    +0)
Fw frag fail   :      0 (    +0)
Tx accelerated :    99022 (    +43)
Tx local       :   2518370 ( +2666)
Tx already     :      0 (    +0)
Tx bypass      : 283936166 ( +12095)
Tx sess error  :      0 (    +0)
Tx sess ok     :   487861 ( +1515)
Tx sess exists :    79807 (   +129)
Tx egress error:      0 (    +0)
Tx egress ok   :      58 (    +0)
Tx pid change  :      0 (    +0)
Tx fast gso    :      0 (    +0)
Loc sess error :      0 (    +0)
Loc sess ok    :   92996 (   +99)
Loc sess exists:    1324 (    +4)
XFRM sess ok   :      0 (    +0)
RTP sess error :      0 (    +0)
RTP sess ok    :      1 (    +0)
RTP sess exists:      0 (    +0)
TBF schedule   :      0 (    +0)
TBF reschedule :      0 (    +0)
```

```

RPS enqueue 0 :      74346
RPS ipis     0 :      44811
RPS dequeue 0 :      44713
RPS enqueue 1 :     143693
RPS ipis     1 :      97953
RPS dequeue 1 :      97953
sess flushed :        641 (    +0)
sess timeout :    434651 (   +582)
sess pid change:      293 (    +0)
rxch no rx slow:      0 (    +0)
rxch stopped  :      0 (    +0)
txch dropped   :      0 (    +0)
user msecs/sec :   1396768 (-726657)
idle msecs/sec :   1644539 (-286701)
irq msecs/sec  :   1664552 (-1487108)

```

/proc/net/avm_pa/memory:

```

State          : enabled
HW State       : enable
BSession allow : no (by hw)
Filter active  : empty
avm_pa_global  :  905.27 KB
avm_pa_data    : 10945.85 KB
global + data  : 11851.12 KB
One session    :    1.33 KB
All sessions   : 10911.74 KB
One bsession   :    0.02 KB
All bsessions  :  163.84 KB
One ingress    :    0.18 KB
One egress     :    0.84 KB
Egress pool    :   33.92 KB
One macaddr    :    0.02 KB
All macaddrs  :  163.84 KB
One pid        :   16.59 KB
All pids       :  530.94 KB
One vpid       :    1.40 KB
All vpids      :   11.20 KB
Stats          :    0.24 KB
TOK Stats      :    1.28 KB
Estimator data :    0.22 KB

```

/proc/net/avm_pa/pids:

```

PID1  : (65535) ipdev ipdev          0 xfrm_in none (ref 1)
PID2  : (65535) ipdev ipdev          0 xfrm_out none (ref 1)
PID3  : (65535) local local          582056 ipv4 none (ref 4)
PID4  : (65535) local local          16154  ipv6 none (ref 1)
PID5  : ( 1500) dev ether             0 ing0 none (ref 1)
PID6  : ( 1500) ether ether           0 nsgmii0 none (ref 1)
PID7  : ( 1500) ether ether          43450566 nsgmii1 none (ref 21)
      rx_channel 1 tx_channel 0
PID8  : ( 1500) ether ether           0 nrgmii2 none (ref 1)
PID9  : ( 1500) ether ether           0 nrgmii3 none (ref 1)
PID10 : ( 1500) ether ether           0 nrgmii4 none (ref 1)
PID11 : ( 1500) ether ether          41023158 cni0 none (ref 20)
      rx_channel 1 tx_channel 0
PID12 : ( 1500) ip ip                 0 xfrm none (ref 1)
PID13 : ( 1500) ether ether           50164  ath1 none (ref 1)
      rx_channel 1 tx_channel 0
PID14 : ( 1500) ether ether           0 ath0 none (ref 1)

```

/proc/net/avm_pa/vpids:

VPID1 : 1500/1500 lan0

	unicast	multicast	broadcast	discard	error	bytes
mc bytes	bc bytes					
RX	0	0	0	0	-	0
0	0					
TX	0	0	0	0	0	0

VPID2 : 1500/1500 internet

	unicast	multicast	broadcast	discard	error	bytes
mc bytes	bc bytes					
RX	1210351122	0	0	0	-	
1807804902513		0	0			
TX	328666725	0	0	0	0	30125062144

VPID3 : 1500/1500 voip

	unicast	multicast	broadcast	discard	error	bytes
mc bytes	bc bytes					
RX	234988	0	0	0	-	49176561
0	0					
TX	386220	0	0	0	0	92219771

/proc/net/avm_pa/vpidpriostats:

VPID 1 () lan0

Egress:

Ingress:

VPID 2 () internet

Egress:

0: pkts 56425431+40912773 = 97338204 / 98394+45643350 = 45741744

0: bytes 3839547635+10847995070 = 14687542705 / 101365857+41644140971 = 41745506828

Ingress:

0: pkts 218440432+46120813 = 264561245 / 0+249 = 249

0: bytes 330611029518+42314174108 = 372925203626 / 0+70066 = 70066

VPID 3 () voip

Egress:

0: pkts 369585+0 = 369585 / 0+0 = 0

0: bytes 80617927+0 = 80617927 / 0+0 = 0

Ingress:

0: pkts 223662+0 = 223662 / 0+0 = 0

0: bytes 43699535+0 = 43699535 / 0+0 = 0

Session : 580774 (46)

State : active

In Pid : 11 (cni0)

In VPid : 2 (internet)

In HW : yes (forward+tdox)

suspicious : no

guilty : no

CT dir : reply

Associated : 70

Realtime : no

PktType : IPv4+TCP

FragOk : 0

Syn, Fin : 1, 0

Ack w/o data : 1

Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800

IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00

Ports : 443 -> 62235

Hdrlen : 42

IP version : 4

L2 pull : 14

```
SKB proto      : 0800
*IPv4 Dst     : <SECRET_ip4>
*IPv4 TTL     : decrease
*L3 Sum       : update 0xd02c
*L4 Sum       : update 0xd02d
Hroom         : 4
Timeout       : 10
SW stats      : 0 pkts, 0 bytes
HW stats      : 11 pkts, 5202 bytes (validflags 0x6)
Egress        : 1 of 1
Out Pid       : 7 (nsgmiil)
Mtu           : 1500
L2 push       : 18: 0068EBC95ADE2C91AB71E85F810002580800
Macaddr       : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmiil)
PktType       : IPv4+TCP
FragOk        : 0
Syn, Fin      : 1, 0
Ack w/o data   : 1
Eth Hdr       : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID       : 600
Vlan prio     : 0
Vlan proto    : 0x0800
IPv4 Hdr      : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports         : 443 -> 62235
Orig Prio     : 0:0
Prio          : 0:0
TC index      : 32768
TC verd       : 0x2000
SW stats      : 0 pkts, 0 bytes
HW stats      : 11 pkts, 5202 bytes
Pkts         : TX 0 (acks 0)
Group Counter : 17 18

Session       : 580776 (70)
State         : active
In Pid        : 7 (nsgmiil)
In HW         : yes (forward+tdox)
suspicious    : no
guilty        : no
CT dir        : original
Associated    : 46
Realtime      : no
PktType       : IPv4+TCP
FragOk        : 0
Syn, Fin      : 0, 0
Ack w/o data   : 1
Eth Hdr       : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID       : 600
Vlan prio     : 0
Vlan proto    : 0x0800
IPv4 Hdr      : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports         : 62235 -> 443
Hdrlen        : 38
IP version    : 4
L2 pull       : 18
SKB proto     : 0800
*IPv4 Src     : <SECRET_ip4>
*IPv4 TTL     : decrease
*L3 Sum       : update 0x2fd1
*L4 Sum       : update 0x2fd2
```

```
Hroom : 0
Timeout : 10
SW stats : 0 pkts, 0 bytes
HW stats : 11 pkts, 5627 bytes (validflags 0x6)
Egress : 1 of 1
Out Pid : 11 (cni0)
Out VPid : 2 (internet)
Mtu : 1500
L2 push : 14: 00015C7562462C91AB71E85F0800
Macaddr : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType : IPv4+TCP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 1
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports : 62235 -> 443
Orig Prio : 0:0
Prio : 0:0
TC index : 0
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 11 pkts, 5627 bytes
Pkts : TX 0 (acks 0)
Group Counter : 18 16

Session : 580851 (181)
State : active
In Pid : 11 (cni0)
In VPid : 2 (internet)
In HW : yes (forward)
suspicious : no
guilty : no
CT dir : reply
Associated : 1034
Realtime : no
PktType : IPv4+UDP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 443 -> 62302
Hdrlen : 42
IP version : 4
L2 pull : 14
SKB proto : 0800
*IPv4 Dst : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0xd02c
*L4 Sum : update 0xd02d
Hroom : 4
Timeout : 10
SW stats : 0 pkts, 0 bytes
HW stats : 121 pkts, 9269 bytes (validflags 0x6)
Egress : 1 of 1
Out Pid : 7 (nsgmii1)
Mtu : 1500
L2 push : 18: 0068EBC95ADE2C91AB71E85F810002580800
Macaddr : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmii1)
```

```
PktType      : IPv4+UDP
FragOk       : 0
Syn, Fin     : 0, 0
Ack w/o data : 0
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID      : 600
Vlan prio    : 0
Vlan proto   : 0x0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports        : 443 -> 62302
Orig Prio    : 0:0
Prio         : 0:0
TC index     : 32768
TC verd      : 0x2000
SW stats     : 0 pkts, 0 bytes
HW stats     : 121 pkts, 9269 bytes
Pkts         : TX 0 (acks 0)
Group Counter : 17 18

Session      : 580845 (506)
State        : active
In Pid       : 11 (cni0)
In VPid      : 2 (internet)
In HW        : yes (forward)
suspicious   : no
guilty       : no
CT dir       : reply
Associated   : 1072
Realtime     : no
PktType      : IPv4+ICMP
FragOk       : 0
Syn, Fin     : 0, 0
Ack w/o data : 0
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4       : echo reply id=512
Hdrlen       : 46
IP version   : 4
L2 pull      : 14
SKB proto    : 0800
*IPv4 Dst    : <SECRET_ip4>
*IPv4 TTL    : decrease
*L3 Sum      : update 0xd02c
Hroom        : 4
Timeout      : 3
SW stats     : 0 pkts, 0 bytes
HW stats     : 280 pkts, 29680 bytes (validflags 0x6)
Egress       : 1 of 1
Out Pid      : 7 (nsgmii1)
Mtu          : 1500
L2 push      : 18: 0068EBC95ADE2C91AB71E85F810002580800
Macaddr      : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmii1)
PktType      : IPv4+ICMP
FragOk       : 0
Syn, Fin     : 0, 0
Ack w/o data : 0
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID      : 600
Vlan prio    : 0
Vlan proto   : 0x0800
```

IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4 : echo reply id=512
Orig Prio : 0:0
Prio : 0:0
TC index : 32768
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 280 pkts, 29680 bytes
Pkts : TX 0 (acks 0)
Group Counter : 17 18

Session : 580852 (531)
State : active
In Pid : 7 (nsgmi1)
In HW : yes (forward)
suspicious : no
guilty : no
CT dir : original
Associated : 506
Realtime : no
PktType : IPv4+ICMP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4 : echo request id=512
Hdrlen : 42
IP version : 4
L2 pull : 18
SKB proto : 0800
*IPv4 Src : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0x2fd1
Hroom : 0
Timeout : 3
SW stats : 0 pkts, 0 bytes
HW stats : 20 pkts, 2200 bytes (validflags 0x6)
Egress : 1 of 1
Out Pid : 11 (cni0)
Out VPid : 2 (internet)
Mtu : 1500
L2 push : 14: 00015C7562462C91AB71E85F0800
Macaddr : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType : IPv4+ICMP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4 : echo request id=512
Orig Prio : 0:0
Prio : 0:0
TC index : 0
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 20 pkts, 2200 bytes

Pkts : TX 0 (acks 0)
Group Counter : 18 16

Session : 580835 (537)
State : active
In Pid : 11 (cni0)
In VPid : 2 (internet)
In HW : yes (forward+tdox)
suspicious : no
guilty : no
CT dir : reply
Associated : 802
Realtime : no
PktType : IPv4+TCP
FragOk : 0
Syn, Fin : 1, 0
Ack w/o data : 1
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports : 443 -> 62241
Hdrlen : 42
IP version : 4
L2 pull : 14
SKB proto : 0800
*IPv4 Dst : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0xd02c
*L4 Sum : update 0xd02d
Hroom : 4
Timeout : 10
SW stats : 0 pkts, 0 bytes
HW stats : 11 pkts, 7073 bytes (validflags 0x6)
Egress : 1 of 1
Out Pid : 7 (nsgmii1)
Mtu : 1500
L2 push : 18: 0068EBC95ADE2C91AB71E85F810002580800
Macaddr : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmii1)
PktType : IPv4+TCP
FragOk : 0
Syn, Fin : 1, 0
Ack w/o data : 1
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports : 443 -> 62241
Orig Prio : 0:0
Prio : 0:0
TC index : 32768
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 11 pkts, 7073 bytes
Pkts : TX 0 (acks 0)
Group Counter : 17 18

Session : 541671 (610)
State : active
In Pid : 7 (nsgmii1)
In HW : yes (forward)

suspicious : no
guilty : no
CT dir : original
Realtime : no
PktType : IPv4+UDP
FragOk : 1
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 63545 -> 27018
Hdrlen : 38
IP version : 4
L2 pull : 18
SKB proto : 0800
*IPv4 Src : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0x2fd1
*L4 Sum : update 0x2fd2
Hroom : 0
Timeout : 10
SW stats : 0 pkts, 0 bytes
HW stats : 4964 pkts, 665760 bytes (validflags 0x6)
Egress : 1 of 1
Out Pid : 11 (cni0)
Out VPid : 2 (internet)
Mtu : 1500
L2 push : 14: 00015C7562462C91AB71E85F0800
Macaddr : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType : IPv4+UDP
FragOk : 1
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 63545 -> 27018
Orig Prio : 0:0
Prio : 0:0
TC index : 0
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 4964 pkts, 665760 bytes
Pkts : TX 0 (acks 0)
Group Counter : 18 16

Session : 580836 (802)
State : active
In Pid : 7 (nsgmi1)
In HW : yes (forward+tdox)
suspicious : no
guilty : no
CT dir : original
Associated : 537
Realtime : no
PktType : IPv4+TCP
FragOk : 0
Syn, Fin : 0, 0

```
Ack w/o data : 1
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID     : 600
Vlan prio   : 0
Vlan proto  : 0x0800
IPv4 Hdr    : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports       : 62241 -> 443
Hdrlen     : 38
IP version  : 4
L2 pull    : 18
SKB proto   : 0800
*IPv4 Src   : <SECRET_ip4>
*IPv4 TTL   : decrease
*L3 Sum     : update 0x2fd1
*L4 Sum     : update 0x2fd2
Hroom      : 0
Timeout    : 10
SW stats    : 0 pkts, 0 bytes
HW stats    : 9 pkts, 1431 bytes (validflags 0x6)
Egress     : 1 of 1
Out Pid     : 11 (cni0)
Out VPid    : 2 (internet)
Mtu        : 1500
L2 push    : 14: 00015C7562462C91AB71E85F0800
Macaddr    : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType    : IPv4+TCP
FragOk     : 0
Syn, Fin   : 0, 0
Ack w/o data : 1
Eth Hdr    : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr   : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports      : 62241 -> 443
Orig Prio  : 0:0
Prio       : 0:0
TC index   : 0
TC verd    : 0x2000
SW stats   : 0 pkts, 0 bytes
HW stats   : 9 pkts, 1431 bytes
Pkts      : TX 0 (acks 0)
Group Counter : 18 16

Session    : 580843 (809)
State      : active
In Pid     : 7 (nsgmi1)
In HW      : partial (bypass host qos)
suspicious : no
guilty     : no
Realtime   : no
RPS cpu    : 1
PktType    : IPv4+TCP
FragOk     : 0
Syn, Fin   : 0, 0
Ack w/o data : 1
Eth Hdr    : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID     : 600
Vlan prio   : 0
Vlan proto  : 0x0800
IPv4 Hdr    : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports       : 62242 -> 80
Hdrlen     : 24
```

```
IP version      : 4
L2 pull        : 18
SKB proto      : 0800
Hroom         : 0
Timeout       : 10
SW stats      : 91 pkts, 6735 bytes
HW stats      : 0 pkts, 0 bytes (validflags 0x0)
Egress        : 1 of 1
Out Pid       : 3 (ipv4)
Mtu           : 65535
PktType       : IPv4+TCP
FragOk        : 0
Syn, Fin      : 0, 0
Ack w/o data   : 1
IPv4 Hdr      : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports         : 62242 -> 80
Dest          : ip_local_deliver+0x0/0xe0
Input Dev     : lan
SW stats      : 91 pkts, 4557 bytes
HW stats      : 0 pkts, 0 bytes
Pkts         : TX 91 (acks 0)

Session       : 580849 (865)
State         : active
In Pid       : 11 (cni0)
In VPid      : 2 (internet)
In HW        : yes (sync+tdox)
suspicious   : no
guilty       : no
CT dir       : reply
Associated    : 1161
Realtime     : no
PktType      : IPv4+TCP
FragOk       : 1
Syn, Fin     : 0, 0
Ack w/o data : 1
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports        : 443 -> 62222
Hdrlen       : 42
IP version   : 4
L2 pull      : 14
SKB proto    : 0800
*IPv4 Dst    : <SECRET_ip4>
*IPv4 TTL    : decrease
*L3 Sum      : update 0xd02c
*L4 Sum      : update 0xd02d
Hroom        : 4
Timeout      : 10
SW stats     : 0 pkts, 0 bytes
HW stats     : 0 pkts, 0 bytes (validflags 0x0)
Egress       : 1 of 1
Out Pid      : 7 (nsgmii1)
Mtu          : 1500
L2 push      : 18: 0068EBC95ADE2C91AB71E85F810002580800
Macaddr      : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmii1)
PktType      : IPv4+TCP
FragOk       : 1
Syn, Fin     : 0, 0
Ack w/o data : 1
```

```
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID      : 600
Vlan prio    : 0
Vlan proto   : 0x0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports        : 443 -> 62222
Orig Prio    : 0:0
Prio         : 0:0
TC index     : 32768
TC verd      : 0x2000
SW stats     : 0 pkts, 0 bytes
HW stats     : 0 pkts, 0 bytes
Pkts         : TX 0 (acks 0)
Group Counter : 17 18

Session      : 580825 (869)
State        : flushed
In Pid       : 11 (cni0)
In VPid      : 2 (internet)
In HW        : yes (sync+tdox)
suspicious   : no
guilty       : no
CT dir       : reply
Realtime     : no
PktType      : IPv4+TCP
FragOk       : 0
Syn, Fin     : 0, 0
Ack w/o data : 0
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports        : 443 -> 62236
Hdrlen       : 42
IP version   : 4
L2 pull      : 14
SKB proto    : 0800
*IPv4 Dst    : <SECRET_ip4>
*IPv4 TTL    : decrease
*L3 Sum      : update 0xd02c
*L4 Sum      : update 0xd02d
Hroom        : 4
Timeout      : 10
SW stats     : 0 pkts, 0 bytes
HW stats     : 0 pkts, 0 bytes (validflags 0x0)
Egress       : 1 of 1
Out Pid      : 7 (nsgmii1)
Mtu          : 1500
L2 push      : 18: 0068EBC95ADE2C91AB71E85F810002580800
Macaddr      : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmii1)
PktType      : IPv4+TCP
FragOk       : 0
Syn, Fin     : 0, 0
Ack w/o data : 0
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID      : 600
Vlan prio    : 0
Vlan proto   : 0x0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports        : 443 -> 62236
Orig Prio    : 0:0
Prio         : 0:0
```

```
TC index      : 32768
TC verd      : 0x2000
SW stats     : 0 pkts, 0 bytes
HW stats     : 0 pkts, 0 bytes
Pkts        : TX 0 (acks 0)
Group Counter : 17 18

Session      : 580828 (1006)
State       : active
In Pid      : 7 (nsgmi1)
In HW       : yes (forward)
suspicious  : no
guilty     : no
CT dir      : original
Associated  : 1026
Realtime    : no
PktType     : IPv4+UDP
FragOk      : 0
Syn, Fin    : 0, 0
Ack w/o data : 0
Eth Hdr     : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID     : 600
Vlan prio   : 0
Vlan proto  : 0x0800
IPv4 Hdr    : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports      : 56829 -> 443
Hdrlen     : 38
IP version  : 4
L2 pull    : 18
SKB proto  : 0800
*IPv4 Src  : <SECRET_ip4>
*IPv4 TTL  : decrease
*L3 Sum    : update 0x2fd1
*L4 Sum    : update 0x2fd2
Hroom      : 0
Timeout    : 10
SW stats   : 1 pkts, 125 bytes
HW stats   : 8 pkts, 2371 bytes (validflags 0x6)
Egress     : 1 of 1
Out Pid    : 11 (cni0)
Out VPid   : 2 (internet)
Mtu       : 1500
L2 push   : 14: 00015C7562462C91AB71E85F0800
Macaddr    : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType   : IPv4+UDP
FragOk    : 0
Syn, Fin  : 0, 0
Ack w/o data : 0
Eth Hdr   : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr  : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports    : 56829 -> 443
Orig Prio : 0:0
Prio     : 0:0
TC index : 0
TC verd  : 0x2000
SW stats : 1 pkts, 121 bytes
HW stats : 8 pkts, 2371 bytes
Pkts     : TX 1 (acks 0)
Group Counter : 18 16
```

Session : 580829 (1026)
State : active
In Pid : 11 (cni0)
In VPid : 2 (internet)
In HW : yes (forward)
suspicious : no
guilty : no
CT dir : reply
Associated : 1006
Realtime : no
PktType : IPv4+UDP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 443 -> 56829
Hdrlen : 42
IP version : 4
L2 pull : 14
SKB proto : 0800
*IPv4 Dst : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0xd02c
*L4 Sum : update 0xd02d
Hroom : 4
Timeout : 10
SW stats : 1 pkts, 153 bytes
HW stats : 6 pkts, 1498 bytes (validflags 0x6)
Egress : 1 of 1
Out Pid : 7 (nsgmii1)
Mtu : 1500
L2 push : 18: 0068EBC95ADE2C91AB71E85F810002580800
Macaddr : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmii1)
PktType : IPv4+UDP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 443 -> 56829
Orig Prio : 0:0
Prio : 0:0
TC index : 32768
TC verd : 0x2000
SW stats : 1 pkts, 157 bytes
HW stats : 6 pkts, 1498 bytes
Pkts : TX 1 (acks 0)
Group Counter : 17 18

Session : 580853 (1034)
State : active
In Pid : 7 (nsgmii1)
In HW : yes (forward)
suspicious : no
guilty : no
CT dir : original

```
Associated      : 181
Realtime       : no
PktType        : IPv4+UDP
FragOk         : 0
Syn, Fin       : 0, 0
Ack w/o data   : 0
Eth Hdr        : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID        : 600
Vlan prio      : 0
Vlan proto     : 0x0800
IPv4 Hdr       : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports          : 62302 -> 443
Hdrlen        : 38
IP version     : 4
L2 pull        : 18
SKB proto      : 0800
*IPv4 Src      : <SECRET_ip4>
*IPv4 TTL      : decrease
*L3 Sum        : update 0x2fd1
*L4 Sum        : update 0x2fd2
Hroom         : 0
Timeout        : 10
SW stats       : 0 pkts, 0 bytes
HW stats       : 20 pkts, 1979 bytes (validflags 0x6)
Egress         : 1 of 1
Out Pid        : 11 (cni0)
Out VPid       : 2 (internet)
Mtu           : 1500
L2 push        : 14: 00015C7562462C91AB71E85F0800
Macaddr        : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType        : IPv4+UDP
FragOk         : 0
Syn, Fin       : 0, 0
Ack w/o data   : 0
Eth Hdr        : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr       : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports          : 62302 -> 443
Orig Prio      : 0:0
Prio           : 0:0
TC index       : 0
TC verd        : 0x2000
SW stats       : 0 pkts, 0 bytes
HW stats       : 20 pkts, 1979 bytes
Pkts          : TX 0 (acks 0)
Group Counter  : 18 16

Session        : 580856 (1072)
State          : active
In Pid         : 7 (nsgmi1)
In HW          : yes (forward)
suspicious     : no
guilty         : no
CT dir         : original
Associated     : 506
Realtime       : no
PktType        : IPv4+ICMP
FragOk         : 0
Syn, Fin       : 0, 0
Ack w/o data   : 0
Eth Hdr        : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
```

```
Vlan ID      : 600
Vlan prio    : 0
Vlan proto   : 0x0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4      : echo request id=512
Hdrlen       : 42
IP version   : 4
L2 pull      : 18
SKB proto    : 0800
*IPv4 Src    : <SECRET_ip4>
*IPv4 TTL    : decrease
*L3 Sum      : update 0x2fd1
Hroom        : 0
Timeout      : 3
SW stats     : 0 pkts, 0 bytes
HW stats     : 0 pkts, 0 bytes (validflags 0x0)
Egress       : 1 of 1
Out Pid      : 11 (cni0)
Out VPid     : 2 (internet)
Mtu          : 1500
L2 push      : 14: 00015C7562462C91AB71E85F0800
Macaddr      : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType      : IPv4+ICMP
FragOk       : 0
Syn, Fin     : 0, 0
Ack w/o data : 0
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4      : echo request id=512
Orig Prio    : 0:0
Prio         : 0:0
TC index     : 0
TC verd      : 0x2000
SW stats     : 0 pkts, 0 bytes
HW stats     : 0 pkts, 0 bytes
Pkts        : TX 0 (acks 0)
Group Counter : 18 16

Session      : 580855 (1077)
State        : active
In Pid       : 7 (nsgmi1)
In HW        : yes (forward)
suspicious   : no
guilty       : no
CT dir       : original
Associated   : 506
Realtime     : no
PktType      : IPv4+ICMP
FragOk       : 0
Syn, Fin     : 0, 0
Ack w/o data : 0
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID      : 600
Vlan prio    : 0
Vlan proto   : 0x0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4      : echo request id=512
Hdrlen       : 42
IP version   : 4
L2 pull      : 18
```



```
SKB proto      : 0800
*IPv4 Src      : <SECRET_ip4>
*IPv4 TTL      : decrease
*L3 Sum        : update 0x2fd1
Hroom          : 0
Timeout        : 3
SW stats       : 0 pkts, 0 bytes
HW stats       : 0 pkts, 0 bytes (validflags 0x0)
Egress         : 1 of 1
Out Pid        : 11 (cni0)
Out VPid       : 2 (internet)
Mtu            : 1500
L2 push        : 14: 00015C7562462C91AB71E85F0800
Macaddr        : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType        : IPv4+ICMP
FragOk         : 0
Syn, Fin       : 0, 0
Ack w/o data    : 0
Eth Hdr        : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr        : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4         : echo request id=512
Orig Prio      : 0:0
Prio           : 0:0
TC index       : 0
TC verd        : 0x2000
SW stats       : 0 pkts, 0 bytes
HW stats       : 0 pkts, 0 bytes
Pkts           : TX 0 (acks 0)
Group Counter  : 18 16

Session        : 580854 (1094)
State          : active
In Pid         : 7 (nsgmi1)
In HW          : yes (forward)
suspicious     : no
guilty         : no
CT dir         : original
Associated     : 506
Realtime       : no
PktType        : IPv4+ICMP
FragOk         : 0
Syn, Fin       : 0, 0
Ack w/o data    : 0
Eth Hdr        : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID        : 600
Vlan prio      : 0
Vlan proto     : 0x0800
IPv4 Hdr        : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4         : echo request id=512
Hdrlen         : 42
IP version     : 4
L2 pull        : 18
SKB proto      : 0800
*IPv4 Src      : <SECRET_ip4>
*IPv4 TTL      : decrease
*L3 Sum        : update 0x2fd1
Hroom          : 0
Timeout        : 3
SW stats       : 1 pkts, 110 bytes
HW stats       : 20 pkts, 2200 bytes (validflags 0x6)
```

Egress : 1 of 1
Out Pid : 11 (cni0)
Out VPid : 2 (internet)
Mtu : 1500
L2 push : 14: 00015C7562462C91AB71E85F0800
Macaddr : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType : IPv4+ICMP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4 : echo request id=512
Orig Prio : 0:0
Prio : 0:0
TC index : 0
TC verd : 0x2000
SW stats : 1 pkts, 106 bytes
HW stats : 20 pkts, 2200 bytes
Pkts : TX 1 (acks 0)
Group Counter : 18 16

Session : 580833 (1108)
State : active
In Pid : 7 (nsgmi1)
In HW : partial (bypass host qos)
suspicious : no
guilty : no
Realtime : no
RPS cpu : 1
PktType : IPv4+UDP
FragOk : 1
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 65135 -> 53
Hdrlen : 24
IP version : 4
L2 pull : 18
SKB proto : 0800
Hroom : 0
Timeout : 10
SW stats : 0 pkts, 0 bytes
HW stats : 0 pkts, 0 bytes (validflags 0x0)
Egress : 1 of 1
Out Pid : 3 (ipv4)
Mtu : 65535
PktType : IPv4+UDP
FragOk : 1
Syn, Fin : 0, 0
Ack w/o data : 0
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 65135 -> 53
Dest : ip_local_deliver+0x0/0xe0
Input Dev : lan
SW stats : 0 pkts, 0 bytes

```
HW stats      : 0 pkts, 0 bytes
Pkts         : TX 0 (acks 0)

Session      : 580834 (1139)
State       : active
In Pid      : 11 (cni0)
In VPid     : 2 (internet)
In HW       : partial (bypass host qos)
suspicious  : no
guilty     : no
CT dir      : reply
Realtime    : yes
RPS cpu     : 1
PktType     : IPv4+UDP
FragOk      : 1
Syn, Fin    : 0, 0
Ack w/o data : 0
Eth Hdr     : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr    : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports       : 53 -> 60153
Hdrlen      : 24
IP version  : 4
L2 pull     : 14
SKB proto   : 0800
*IPv4 Dst   : <SECRET_ip4>
*L3 Sum     : update 0xbc2d
*L4 Sum     : update 0xbc2d
Hroom       : 0
Timeout     : 10
SW stats    : 0 pkts, 0 bytes
HW stats    : 0 pkts, 0 bytes (validflags 0x0)
Egress      : 1 of 1
Out Pid     : 3 (ipv4)
Mtu         : 65535
PktType     : IPv4+UDP
FragOk      : 1
Syn, Fin    : 0, 0
Ack w/o data : 0
IPv4 Hdr    : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports       : 53 -> 60153
Dest        : ip_local_deliver+0x0/0xe0
Input Dev   : dsl
SW stats    : 0 pkts, 0 bytes
HW stats    : 0 pkts, 0 bytes
Pkts       : TX 0 (acks 0)
Group Counter : 17 18

Session      : 580711 (1145)
State       : active
In Pid      : 7 (nsgmi1)
In HW       : yes (forward)
suspicious  : no
guilty     : no
CT dir      : original
Realtime    : no
PktType     : IPv4+UDP
FragOk      : 0
Syn, Fin    : 0, 0
Ack w/o data : 0
Eth Hdr     : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
```

```
Vlan ID      : 600
Vlan prio    : 0
Vlan proto   : 0x0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports       : 58491 -> 443
Hdrlen      : 38
IP version   : 4
L2 pull     : 18
SKB proto    : 0800
*IPv4 Src    : <SECRET_ip4>
*IPv4 TTL    : decrease
*L3 Sum      : update 0x2fd1
*L4 Sum      : update 0x2fd2
Hroom       : 0
Timeout     : 10
SW stats    : 1 pkts, 79 bytes
HW stats    : 16 pkts, 1540 bytes (validflags 0x6)
Egress      : 1 of 1
Out Pid     : 11 (cni0)
Out VPid    : 2 (internet)
Mtu         : 1500
L2 push     : 14: 00015C7562462C91AB71E85F0800
Macaddr     : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType     : IPv4+UDP
FragOk      : 0
Syn, Fin    : 0, 0
Ack w/o data : 0
Eth Hdr     : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports       : 58491 -> 443
Orig Prio   : 0:0
Prio        : 0:0
TC index    : 0
TC verd     : 0x2000
SW stats    : 1 pkts, 75 bytes
HW stats    : 16 pkts, 1540 bytes
Pkts       : TX 1 (acks 0)
Group Counter : 18 16

Session     : 580848 (1161)
State      : active
In Pid     : 7 (nsgmii1)
In HW      : yes (sync+tdox)
suspicious : no
guilty     : no
CT dir     : original
Associated : 865
Realtime   : no
PktType    : IPv4+TCP
FragOk     : 0
Syn, Fin   : 0, 0
Ack w/o data : 0
Eth Hdr    : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID    : 600
Vlan prio  : 0
Vlan proto : 0x0800
IPv4 Hdr   : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports     : 62222 -> 443
Hdrlen    : 38
IP version : 4
```

L2 pull : 18
SKB proto : 0800
*IPv4 Src : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0x2fd1
*L4 Sum : update 0x2fd2
Hroom : 0
Timeout : 10
SW stats : 0 pkts, 0 bytes
HW stats : 0 pkts, 0 bytes (validflags 0x0)
Egress : 1 of 1
Out Pid : 11 (cni0)
Out VPid : 2 (internet)
Mtu : 1500
L2 push : 14: 00015C7562462C91AB71E85F0800
Macaddr : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType : IPv4+TCP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports : 62222 -> 443
Orig Prio : 0:0
Prio : 0:0
TC index : 0
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 0 pkts, 0 bytes
Pkts : TX 0 (acks 0)
Group Counter : 18 16

/proc/net/avm_pa/macaddrs:

<SECRET_ip6>

<SECRET_ip6>

/proc/net/avm_pa/hashes:

PID1 : xfrm_in

PID2 : xfrm_out

PID3 : ipv4

PID4 : ipv6

PID5 : ing0

PID6 : nsgmii0

PID7 : nsgmii1

14: 610

87: 1108

94: 809

99: 1006

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

PID8 : nrgmii2

PID9 : nrgmii3

PID10 : ngmii4

PID11 : cni0

8: 1139

28: 537

30: 46
49: 869
94: 506
97: 865
<SECRET_ip6>
<SECRET_ip6>
PID12 : xfrm
PID13 : ath1
PID14 : ath0

/proc/net/avm_pa/prioack:
Packet Threshold : 40
Ratio : 70

/proc/net/avm_pa/priomaps:
PID 1 Prio Maps
PID 2 Prio Maps
PID 3 Prio Maps
PID 4 Prio Maps
PID 5 Prio Maps
PID 6 Prio Maps
PID 7 Prio Maps
PID 8 Prio Maps
PID 9 Prio Maps
PID 10 Prio Maps
PID 11 Prio Maps
PID 12 Prio Maps
PID 13 Prio Maps
PID 14 Prio Maps

/proc/net/avm_pa/groups:

Bytes/Pkts	Bytes	Pkts	Age	Multicast
1:	0	0	-1	
0/0				
2:	0	0	-1	
0/0				
3:	0	0	-1	
0/0				
4:	0	0	-1	
0/0				
5:	0	0	-1	
0/0				
6:	0	0	-1	
0/0				
7:	0	0	-1	
0/0				
8:	0	0	-1	
0/0				
9:	0	0	-1	
0/0				
10:	0	0	-1	
0/0				
11:	0	0	-1	
0/0				
12:	0	0	-1	
0/0				
13:	0	0	-1	
0/0				

14:	0	0	-1
0/0			
15:	0	0	-1
0/0			
16:	10872687122	40967966	0
0/0			
17:	42460886308	46455424	0
0/0			
18:	53333573430	87423390	0
0/0			
19:	0	0	-1
0/0			
20:	0	0	-1
0/0			
21:	0	0	-1
0/0			
22:	0	0	-1
0/0			
23:	0	0	-1
0/0			
24:	0	0	-1
0/0			

/proc/net/avm_pa/sg_groups:
76 active ids

1:	
2:	
3:	
4:	
5:	
6:	
7:	
8:	
9:	
10:	
11:	
12:	
13:	
14:	
15:	
16:	1072 1077 1094 1034 531 1161 802 1006 70 1145 610
17:	181 865 506 537 1139 1026 869 46
18:	1072 1077 1094 1034 531 181 865 1161 506 802 537 1139 1026 1006 869
19:	70 46 1145 610
20:	
21:	
22:	
23:	
24:	

/proc/net/avm_pa/sg_closed:

	Bytes	Pkts	Age	Multicast
Bytes/Pkts				
1:	0	0	-1	
0/0				
2:	0	0	-1	
0/0				
3:	0	0	-1	
0/0				

4:	0	0	-1
0/0			
5:	0	0	-1
0/0			
6:	0	0	-1
0/0			
7:	0	0	-1
0/0			
8:	0	0	-1
0/0			
9:	0	0	-1
0/0			
10:	0	0	-1
0/0			
11:	0	0	-1
0/0			
12:	0	0	-1
0/0			
13:	0	0	-1
0/0			
14:	0	0	-1
0/0			
15:	0	0	-1
0/0			
16:	10872003700	40962895	1
0/0			
17:	42460833433	46454994	2
0/0			
18:	53332837133	87417889	1
0/0			
19:	0	0	-1
0/0			
20:	0	0	-1
0/0			
21:	0	0	-1
0/0			
22:	0	0	-1
0/0			
23:	0	0	-1
0/0			
24:	0	0	-1
0/0			

/proc/net/avm_pa/sg_sessions:

76 active ids

46: 17 18

70: 18 16

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>

<SECRET_ip6>
<SECRET_ip6>
<SECRET_ip6>
<SECRET_ip6>

/proc/net/avm_pa/sessions:

Session : 580774 (46)
State : active
In Pid : 11 (cni0)
In VPid : 2 (internet)
In HW : yes (forward+tdox)
suspicious : no
guilty : no
CT dir : reply
Associated : 70
Realtime : no
PktType : IPv4+TCP
FragOk : 0
Syn, Fin : 1, 0
Ack w/o data : 1
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports : 443 -> 62235
Hdrlen : 42
IP version : 4
L2 pull : 14
SKB proto : 0800
*IPv4 Dst : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0xd02c
*L4 Sum : update 0xd02d
Hroom : 4
Timeout : 10
SW stats : 0 pkts, 0 bytes
HW stats : 11 pkts, 5202 bytes (validflags 0x6)
Egress : 1 of 1
Out Pid : 7 (nsgmii1)
Mtu : 1500
L2 push : 18: 0068EBC95ADE2C91AB71E85F810002580800
Macaddr : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmii1)
PktType : IPv4+TCP
FragOk : 0
Syn, Fin : 1, 0
Ack w/o data : 1
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports : 443 -> 62235
Orig Prio : 0:0
Prio : 0:0
TC index : 32768
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 11 pkts, 5202 bytes
Pkts : TX 0 (acks 0)
Group Counter : 17 18

```
Session      : 580776 (70)
State        : active
In Pid       : 7 (nsgmi1)
In HW        : yes (forward+tdox)
suspicious   : no
guilty       : no
CT dir       : original
Associated    : 46
Realtime     : no
PktType      : IPv4+TCP
FragOk       : 0
Syn, Fin     : 0, 0
Ack w/o data : 1
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID      : 600
Vlan prio    : 0
Vlan proto   : 0x0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports        : 62235 -> 443
Hdrlen       : 38
IP version   : 4
L2 pull      : 18
SKB proto    : 0800
*IPv4 Src    : <SECRET_ip4>
*IPv4 TTL    : decrease
*L3 Sum      : update 0x2fd1
*L4 Sum      : update 0x2fd2
Hroom        : 0
Timeout      : 10
SW stats     : 0 pkts, 0 bytes
HW stats     : 11 pkts, 5627 bytes (validflags 0x6)
Egress       : 1 of 1
Out Pid      : 11 (cni0)
Out VPid     : 2 (internet)
Mtu          : 1500
L2 push      : 14: 00015C7562462C91AB71E85F0800
Macaddr      : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType      : IPv4+TCP
FragOk       : 0
Syn, Fin     : 0, 0
Ack w/o data : 1
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports        : 62235 -> 443
Orig Prio    : 0:0
Prio         : 0:0
TC index     : 0
TC verd      : 0x2000
SW stats     : 0 pkts, 0 bytes
HW stats     : 11 pkts, 5627 bytes
Pkts        : TX 0 (acks 0)
Group Counter : 18 16

Session      : 580851 (181)
State        : active
In Pid       : 11 (cni0)
In VPid     : 2 (internet)
In HW        : yes (forward)
suspicious   : no
guilty       : no
```

```
CT dir : reply
Associated : 1034
Realtime : no
PktType : IPv4+UDP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 443 -> 62302
Hdrlen : 42
IP version : 4
L2 pull : 14
SKB proto : 0800
*IPv4 Dst : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0xd02c
*L4 Sum : update 0xd02d
Hroom : 4
Timeout : 10
SW stats : 0 pkts, 0 bytes
HW stats : 121 pkts, 9269 bytes (validflags 0x6)
Egress : 1 of 1
Out Pid : 7 (nsgmiil)
Mtu : 1500
L2 push : 18: 0068EBC95ADE2C91AB71E85F810002580800
Macaddr : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmiil)
PktType : IPv4+UDP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 443 -> 62302
Orig Prio : 0:0
Prio : 0:0
TC index : 32768
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 121 pkts, 9269 bytes
Pkts : TX 0 (acks 0)
Group Counter : 17 18

Session : 580845 (506)
State : active
In Pid : 11 (cni0)
In VPid : 2 (internet)
In HW : yes (forward)
suspicious : no
guilty : no
CT dir : reply
Associated : 1072
Realtime : no
PktType : IPv4+ICMP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
```

```
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4      : echo reply id=512
Hdrlen      : 46
IP version   : 4
L2 pull     : 14
SKB proto    : 0800
*IPv4 Dst    : <SECRET_ip4>
*IPv4 TTL    : decrease
*L3 Sum      : update 0xd02c
Hroom       : 4
Timeout     : 3
SW stats    : 0 pkts, 0 bytes
HW stats    : 280 pkts, 29680 bytes (validflags 0x6)
Egress      : 1 of 1
Out Pid     : 7 (nsgmii1)
Mtu         : 1500
L2 push     : 18: 0068EBC95ADE2C91AB71E85F810002580800
Macaddr     : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmii1)
PktType     : IPv4+ICMP
FragOk      : 0
Syn, Fin    : 0, 0
Ack w/o data : 0
Eth Hdr     : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID     : 600
Vlan prio   : 0
Vlan proto  : 0x0800
IPv4 Hdr    : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4      : echo reply id=512
Orig Prio   : 0:0
Prio        : 0:0
TC index    : 32768
TC verd     : 0x2000
SW stats    : 0 pkts, 0 bytes
HW stats    : 280 pkts, 29680 bytes
Pkts       : TX 0 (acks 0)
Group Counter : 17 18

Session     : 580852 (531)
State      : active
In Pid     : 7 (nsgmii1)
In HW     : yes (forward)
suspicious : no
guilty    : no
CT dir    : original
Associated : 506
Realtime  : no
PktType   : IPv4+ICMP
FragOk    : 0
Syn, Fin  : 0, 0
Ack w/o data : 0
Eth Hdr   : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID   : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr  : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4    : echo request id=512
Hdrlen    : 42
IP version : 4
L2 pull   : 18
```

```

SKB proto      : 0800
*IPv4 Src      : <SECRET_ip4>
*IPv4 TTL      : decrease
*L3 Sum        : update 0x2fd1
Hroom          : 0
Timeout        : 3
SW stats       : 0 pkts, 0 bytes
HW stats       : 20 pkts, 2200 bytes (validflags 0x6)
Egress         : 1 of 1
Out Pid        : 11 (cni0)
Out VPid       : 2 (internet)
Mtu            : 1500
L2 push        : 14: 00015C7562462C91AB71E85F0800
Macaddr        : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType        : IPv4+ICMP
FragOk         : 0
Syn, Fin       : 0, 0
Ack w/o data   : 0
Eth Hdr        : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr       : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4         : echo request id=512
Orig Prio      : 0:0
Prio           : 0:0
TC index       : 0
TC verd        : 0x2000
SW stats       : 0 pkts, 0 bytes
HW stats       : 20 pkts, 2200 bytes
Pkts           : TX 0 (acks 0)
Group Counter  : 18 16

Session        : 580835 (537)
State          : active
In Pid         : 11 (cni0)
In VPid        : 2 (internet)
In HW          : yes (forward+tdox)
suspicious     : no
guilty         : no
CT dir         : reply
Associated     : 802
Realtime       : no
PktType        : IPv4+TCP
FragOk         : 0
Syn, Fin       : 1, 0
Ack w/o data   : 1
Eth Hdr        : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr       : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports          : 443 -> 62241
Hdrln          : 42
IP version     : 4
L2 pull        : 14
SKB proto      : 0800
*IPv4 Dst      : <SECRET_ip4>
*IPv4 TTL      : decrease
*L3 Sum        : update 0xd02c
*L4 Sum        : update 0xd02d
Hroom          : 4
Timeout        : 10
SW stats       : 0 pkts, 0 bytes
HW stats       : 11 pkts, 7073 bytes (validflags 0x6)
Egress         : 1 of 1

```

Out Pid : 7 (nsgmi1)
Mtu : 1500
L2 push : 18: 0068EBC95ADE2C91AB71E85F810002580800
Macaddr : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmi1)
PktType : IPv4+TCP
FragOk : 0
Syn, Fin : 1, 0
Ack w/o data : 1
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports : 443 -> 62241
Orig Prio : 0:0
Prio : 0:0
TC index : 32768
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 11 pkts, 7073 bytes
Pkts : TX 0 (acks 0)
Group Counter : 17 18

Session : 541671 (610)
State : active
In Pid : 7 (nsgmi1)
In HW : yes (forward)
suspicious : no
guilty : no
CT dir : original
Realtime : no
PktType : IPv4+UDP
FragOk : 1
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 63545 -> 27018
Hdrlen : 38
IP version : 4
L2 pull : 18
SKB proto : 0800
*IPv4 Src : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0x2fd1
*L4 Sum : update 0x2fd2
Hroom : 0
Timeout : 10
SW stats : 0 pkts, 0 bytes
HW stats : 4964 pkts, 665760 bytes (validflags 0x6)
Egress : 1 of 1
Out Pid : 11 (cni0)
Out VPid : 2 (internet)
Mtu : 1500
L2 push : 14: 00015C7562462C91AB71E85F0800
Macaddr : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType : IPv4+UDP

FragOk : 1
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 63545 -> 27018
Orig Prio : 0:0
Prio : 0:0
TC index : 0
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 4964 pkts, 665760 bytes
Pkts : TX 0 (acks 0)
Group Counter : 18 16

Session : 580836 (802)
State : active
In Pid : 7 (nsgmiil)
In HW : yes (forward+tdox)
suspicious : no
guilty : no
CT dir : original
Associated : 537
Realtime : no
PktType : IPv4+TCP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 1
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports : 62241 -> 443
Hdrlen : 38
IP version : 4
L2 pull : 18
SKB proto : 0800
*IPv4 Src : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0x2fd1
*L4 Sum : update 0x2fd2
Hroom : 0
Timeout : 10
SW stats : 0 pkts, 0 bytes
HW stats : 9 pkts, 1431 bytes (validflags 0x6)
Egress : 1 of 1
Out Pid : 11 (cni0)
Out VPid : 2 (internet)
Mtu : 1500
L2 push : 14: 00015C7562462C91AB71E85F0800
Macaddr : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType : IPv4+TCP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 1
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports : 62241 -> 443
Orig Prio : 0:0

Prio : 0:0
TC index : 0
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 9 pkts, 1431 bytes
Pkts : TX 0 (acks 0)
Group Counter : 18 16

Session : 580843 (809)
State : active
In Pid : 7 (nsgmii1)
In HW : partial (bypass host qos)
suspicious : no
guilty : no
Realtime : no
RPS cpu : 1
PktType : IPv4+TCP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 1
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports : 62242 -> 80
Hdrlen : 24
IP version : 4
L2 pull : 18
SKB proto : 0800
Hroom : 0
Timeout : 10
SW stats : 95 pkts, 6991 bytes
HW stats : 0 pkts, 0 bytes (validflags 0x0)
Egress : 1 of 1
Out Pid : 3 (ipv4)
Mtu : 65535
PktType : IPv4+TCP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 1
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports : 62242 -> 80
Dest : ip_local_deliver+0x0/0xe0
Input Dev : lan
SW stats : 95 pkts, 4717 bytes
HW stats : 0 pkts, 0 bytes
Pkts : TX 95 (acks 0)

Session : 580849 (865)
State : active
In Pid : 11 (cni0)
In VPid : 2 (internet)
In HW : yes (sync+tdox)
suspicious : no
guilty : no
CT dir : reply
Associated : 1161
Realtime : no
PktType : IPv4+TCP


```
FragOk           : 1
Syn, Fin        : 0, 0
Ack w/o data    : 1
Eth Hdr        : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr       : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports          : 443 -> 62222
Hdrlen        : 42
IP version     : 4
L2 pull       : 14
SKB proto      : 0800
*IPv4 Dst     : <SECRET_ip4>
*IPv4 TTL     : decrease
*L3 Sum       : update 0xd02c
*L4 Sum       : update 0xd02d
Hroom         : 4
Timeout       : 10
SW stats      : 0 pkts, 0 bytes
HW stats      : 0 pkts, 0 bytes (validflags 0x0)
Egress        : 1 of 1
Out Pid       : 7 (nsgmiil)
Mtu           : 1500
L2 push       : 18: 0068EBC95ADE2C91AB71E85F810002580800
Macaddr       : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmiil)
PktType       : IPv4+TCP
FragOk        : 1
Syn, Fin      : 0, 0
Ack w/o data  : 1
Eth Hdr       : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID       : 600
Vlan prio     : 0
Vlan proto    : 0x0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports        : 443 -> 62222
Orig Prio     : 0:0
Prio         : 0:0
TC index     : 32768
TC verd      : 0x2000
SW stats     : 0 pkts, 0 bytes
HW stats     : 0 pkts, 0 bytes
Pkts        : TX 0 (acks 0)
Group Counter : 17 18

Session       : 580825 (869)
State        : flushed
In Pid       : 11 (cni0)
In VPid     : 2 (internet)
In HW       : yes (sync+tdox)
suspicious   : no
guilty      : no
CT dir      : reply
Realtime    : no
PktType     : IPv4+TCP
FragOk      : 0
Syn, Fin    : 0, 0
Ack w/o data : 0
Eth Hdr     : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr    : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports      : 443 -> 62236
Hdrlen     : 42
IP version  : 4
```

```
L2 pull : 14
SKB proto : 0800
*IPv4 Dst : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0xd02c
*L4 Sum : update 0xd02d
Hroom : 4
Timeout : 10
SW stats : 0 pkts, 0 bytes
HW stats : 0 pkts, 0 bytes (validflags 0x0)
Egress : 1 of 1
Out Pid : 7 (nsgmiil)
Mtu : 1500
L2 push : 18: 0068EBC95ADE2C91AB71E85F810002580800
Macaddr : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmiil)
PktType : IPv4+TCP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports : 443 -> 62236
Orig Prio : 0:0
Prio : 0:0
TC index : 32768
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 0 pkts, 0 bytes
Pkts : TX 0 (acks 0)
Group Counter : 17 18

Session : 580828 (1006)
State : active
In Pid : 7 (nsgmiil)
In HW : yes (forward)
suspicious : no
guilty : no
CT dir : original
Associated : 1026
Realtime : no
PktType : IPv4+UDP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 56829 -> 443
Hdrlen : 38
IP version : 4
L2 pull : 18
SKB proto : 0800
*IPv4 Src : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0x2fd1
```

```
*L4 Sum      : update 0x2fd2
Hroom       : 0
Timeout     : 10
SW stats    : 1 pkts, 125 bytes
HW stats    : 8 pkts, 2371 bytes (validflags 0x6)
Egress      : 1 of 1
Out Pid     : 11 (cni0)
Out VPid    : 2 (internet)
Mtu         : 1500
L2 push     : 14: 00015C7562462C91AB71E85F0800
Macaddr     : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType     : IPv4+UDP
FragOk      : 0
Syn, Fin    : 0, 0
Ack w/o data : 0
Eth Hdr     : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr    : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports       : 56829 -> 443
Orig Prio   : 0:0
Prio        : 0:0
TC index    : 0
TC verd     : 0x2000
SW stats    : 1 pkts, 121 bytes
HW stats    : 8 pkts, 2371 bytes
Pkts        : TX 1 (acks 0)
Group Counter : 18 16

Session     : 580829 (1026)
State       : active
In Pid     : 11 (cni0)
In VPid    : 2 (internet)
In HW      : yes (forward)
suspicious : no
guilty     : no
CT dir     : reply
Associated  : 1006
Realtime   : no
PktType    : IPv4+UDP
FragOk     : 0
Syn, Fin   : 0, 0
Ack w/o data : 0
Eth Hdr    : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr   : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports      : 443 -> 56829
Hdrln     : 42
IP version : 4
L2 pull    : 14
SKB proto  : 0800
*IPv4 Dst  : <SECRET_ip4>
*IPv4 TTL  : decrease
*L3 Sum    : update 0xd02c
*L4 Sum    : update 0xd02d
Hroom     : 4
Timeout   : 10
SW stats  : 1 pkts, 153 bytes
HW stats  : 6 pkts, 1498 bytes (validflags 0x6)
Egress    : 1 of 1
Out Pid   : 7 (nsgmii1)
Mtu       : 1500
L2 push   : 18: 0068EBC95ADE2C91AB71E85F810002580800
```

Macaddr : xx:xx:xx:xx:xx:xx vlan id 600 ref 7 Pid 7 (nsgmiil)
PktType : IPv4+UDP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 443 -> 56829
Orig Prio : 0:0
Prio : 0:0
TC index : 32768
TC verd : 0x2000
SW stats : 1 pkts, 157 bytes
HW stats : 6 pkts, 1498 bytes
Pkts : TX 1 (acks 0)
Group Counter : 17 18

Session : 580853 (1034)
State : active
In Pid : 7 (nsgmiil)
In HW : yes (forward)
suspicious : no
guilty : no
CT dir : original
Associated : 181
Realtime : no
PktType : IPv4+UDP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 62302 -> 443
Hdrlen : 38
IP version : 4
L2 pull : 18
SKB proto : 0800
*IPv4 Src : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0x2fd1
*L4 Sum : update 0x2fd2
Hroom : 0
Timeout : 10
SW stats : 0 pkts, 0 bytes
HW stats : 20 pkts, 1979 bytes (validflags 0x6)
Egress : 1 of 1
Out Pid : 11 (cni0)
Out VPid : 2 (internet)
Mtu : 1500
L2 push : 14: 00015C7562462C91AB71E85F0800
Macaddr : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType : IPv4+UDP
FragOk : 0
Syn, Fin : 0, 0

Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 62302 -> 443
Orig Prio : 0:0
Prio : 0:0
TC index : 0
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 20 pkts, 1979 bytes
Pkts : TX 0 (acks 0)
Group Counter : 18 16

Session : 580856 (1072)
State : active
In Pid : 7 (nsgmi1)
In HW : yes (forward)
suspicious : no
guilty : no
CT dir : original
Associated : 506
Realtime : no
PktType : IPv4+ICMP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4 : echo request id=512
Hdrlen : 42
IP version : 4
L2 pull : 18
SKB proto : 0800
*IPv4 Src : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0x2fd1
Hroom : 0
Timeout : 3
SW stats : 0 pkts, 0 bytes
HW stats : 0 pkts, 0 bytes (validflags 0x0)
Egress : 1 of 1
Out Pid : 11 (cni0)
Out VPid : 2 (internet)
Mtu : 1500
L2 push : 14: 00015C7562462C91AB71E85F0800
Macaddr : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType : IPv4+ICMP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4 : echo request id=512
Orig Prio : 0:0
Prio : 0:0
TC index : 0
TC verd : 0x2000

SW stats : 0 pkts, 0 bytes
HW stats : 0 pkts, 0 bytes
Pkts : TX 0 (acks 0)
Group Counter : 18 16

Session : 580855 (1077)
State : active
In Pid : 7 (nsgmii1)
In HW : yes (forward)
suspicious : no
guilty : no
CT dir : original
Associated : 506
Realtime : no
PktType : IPv4+ICMP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4 : echo request id=512
Hdrlen : 42
IP version : 4
L2 pull : 18
SKB proto : 0800
*IPv4 Src : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0x2fd1
Hroom : 0
Timeout : 3
SW stats : 0 pkts, 0 bytes
HW stats : 0 pkts, 0 bytes (validflags 0x0)
Egress : 1 of 1
Out Pid : 11 (cni0)
Out VPid : 2 (internet)
Mtu : 1500
L2 push : 14: 00015C7562462C91AB71E85F0800
Macaddr : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType : IPv4+ICMP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4 : echo request id=512
Orig Prio : 0:0
Prio : 0:0
TC index : 0
TC verd : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 0 pkts, 0 bytes
Pkts : TX 0 (acks 0)
Group Counter : 18 16

Session : 580854 (1094)
State : active
In Pid : 7 (nsgmii1)

In HW : yes (forward)
suspicious : no
guilty : no
CT dir : original
Associated : 506
Realtime : no
PktType : IPv4+ICMP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4 : echo request id=512
Hdrlen : 42
IP version : 4
L2 pull : 18
SKB proto : 0800
*IPv4 Src : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0x2fd1
Hroom : 0
Timeout : 3
SW stats : 1 pkts, 110 bytes
HW stats : 20 pkts, 2200 bytes (validflags 0x6)
Egress : 1 of 1
Out Pid : 11 (cni0)
Out VPid : 2 (internet)
Mtu : 1500
L2 push : 14: 00015C7562462C91AB71E85F0800
Macaddr : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType : IPv4+ICMP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 1 tos 00
ICMPv4 : echo request id=512
Orig Prio : 0:0
Prio : 0:0
TC index : 0
TC verd : 0x2000
SW stats : 1 pkts, 106 bytes
HW stats : 20 pkts, 2200 bytes
Pkts : TX 1 (acks 0)
Group Counter : 18 16

Session : 580833 (1108)
State : active
In Pid : 7 (nsgmii1)
In HW : partial (bypass host qos)
suspicious : no
guilty : no
Realtime : no
RPS cpu : 1
PktType : IPv4+UDP
FragOk : 1
Syn, Fin : 0, 0

```
Ack w/o data : 0
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID      : 600
Vlan prio    : 0
Vlan proto   : 0x0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports        : 65135 -> 53
Hdrlen       : 24
IP version   : 4
L2 pull      : 18
SKB proto    : 0800
Hroom        : 0
Timeout      : 10
SW stats     : 0 pkts, 0 bytes
HW stats     : 0 pkts, 0 bytes (validflags 0x0)
Egress       : 1 of 1
Out Pid      : 3 (ipv4)
Mtu          : 65535
PktType      : IPv4+UDP
FragOk       : 1
Syn, Fin     : 0, 0
Ack w/o data : 0
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports        : 65135 -> 53
Dest         : ip_local_deliver+0x0/0xe0
Input Dev    : lan
SW stats     : 0 pkts, 0 bytes
HW stats     : 0 pkts, 0 bytes
Pkts         : TX 0 (acks 0)

Session      : 580834 (1139)
State        : active
In Pid       : 11 (cni0)
In VPid      : 2 (internet)
In HW        : partial (bypass host qos)
suspicious   : no
guilty       : no
CT dir       : reply
Realtime     : yes
RPS cpu      : 1
PktType      : IPv4+UDP
FragOk       : 1
Syn, Fin     : 0, 0
Ack w/o data : 0
Eth Hdr      : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr     : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports        : 53 -> 60153
Hdrlen       : 24
IP version   : 4
L2 pull      : 14
SKB proto    : 0800
*IPv4 Dst    : <SECRET_ip4>
*L3 Sum      : update 0xbc2d
*L4 Sum      : update 0xbc2d
Hroom        : 0
Timeout      : 10
SW stats     : 0 pkts, 0 bytes
HW stats     : 0 pkts, 0 bytes (validflags 0x0)
Egress       : 1 of 1
Out Pid      : 3 (ipv4)
```


Mtu : 65535
PktType : IPv4+UDP
FragOk : 1
Syn, Fin : 0, 0
Ack w/o data : 0
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 53 -> 60153
Dest : ip_local_deliver+0x0/0xe0
Input Dev : dsl
SW stats : 0 pkts, 0 bytes
HW stats : 0 pkts, 0 bytes
Pkts : TX 0 (acks 0)
Group Counter : 17 18

Session : 580711 (1145)
State : active
In Pid : 7 (nsgmi1)
In HW : yes (forward)
suspicious : no
guilty : no
CT dir : original
Realtime : no
PktType : IPv4+UDP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID : 600
Vlan prio : 0
Vlan proto : 0x0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 58491 -> 443
Hdrlen : 38
IP version : 4
L2 pull : 18
SKB proto : 0800
*IPv4 Src : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum : update 0x2fd1
*L4 Sum : update 0x2fd2
Hroom : 0
Timeout : 10
SW stats : 1 pkts, 79 bytes
HW stats : 16 pkts, 1540 bytes (validflags 0x6)
Egress : 1 of 1
Out Pid : 11 (cni0)
Out VPid : 2 (internet)
Mtu : 1500
L2 push : 14: 00015C7562462C91AB71E85F0800
Macaddr : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType : IPv4+UDP
FragOk : 0
Syn, Fin : 0, 0
Ack w/o data : 0
Eth Hdr : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr : <SECRET_ip4> <SECRET_ip4> proto 17 tos 00
Ports : 58491 -> 443
Orig Prio : 0:0
Prio : 0:0
TC index : 0

```
TC verd      : 0x2000
SW stats    : 1 pkts, 75 bytes
HW stats    : 16 pkts, 1540 bytes
Pkts       : TX 1 (acks 0)
Group Counter : 18 16

Session     : 580848 (1161)
State      : active
In Pid     : 7 (nsgmi1)
In HW      : yes (sync+tdox)
suspicious : no
guilty     : no
CT dir     : original
Associated : 865
Realtime   : no
PktType    : IPv4+TCP
FragOk     : 0
Syn, Fin   : 0, 0
Ack w/o data : 0
Eth Hdr    : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 8100
Vlan ID    : 600
Vlan prio  : 0
Vlan proto : 0x0800
IPv4 Hdr   : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports     : 62222 -> 443
Hdrlen    : 38
IP version : 4
L2 pull   : 18
SKB proto : 0800
*IPv4 Src : <SECRET_ip4>
*IPv4 TTL : decrease
*L3 Sum   : update 0x2fd1
*L4 Sum   : update 0x2fd2
Hroom     : 0
Timeout   : 10
SW stats  : 0 pkts, 0 bytes
HW stats  : 0 pkts, 0 bytes (validflags 0x0)
Egress    : 1 of 1
Out Pid   : 11 (cni0)
Out VPid  : 2 (internet)
Mtu       : 1500
L2 push   : 14: 00015C7562462C91AB71E85F0800
Macaddr   : xx:xx:xx:xx:xx:xx ref 11 Pid 11 (cni0)
PktType   : IPv4+TCP
FragOk    : 0
Syn, Fin  : 0, 0
Ack w/o data : 0
Eth Hdr   : xx:xx:xx:xx:xx:xx xx:xx:xx:xx:xx:xx proto 0800
IPv4 Hdr  : <SECRET_ip4> <SECRET_ip4> proto 6 tos 00
Ports    : 62222 -> 443
Orig Prio : 0:0
Prio     : 0:0
TC index : 0
TC verd  : 0x2000
SW stats : 0 pkts, 0 bytes
HW stats : 0 pkts, 0 bytes
Pkts     : TX 0 (acks 0)
Group Counter : 18 16
##### END SECTION PA
##### BEGIN SECTION Online-Monitor showinetstat
```

Sync Group 0: Mode CABLE

Downstream : bps: 6902 9144 9536 2189 10513 14680 10457 8535
3011 3847 3847 9679 3834 1042 1041 13773 7074 3866 7309 16132
Downstream Max : 838795934 bps
Downstream Current Max: 16132 bps
Downstream Multicast : bps: 0
Downstream Guest : bps: 0
Upstream : bps: 2300 5470 6008 3142 18340 45960 64949 65466
57830 33717 4319 3625 6133 5030 3756 16718 4751 5126 6005 15830
Upstream Max : 9936489 bps
Upstream Current Max : 65466 bps
Upstream Prio 0 : bps: 2300 5470 6008 3142 18340 45960 64949 65466
57830 33717 4319 3625 6133 5030 3756 16718 4751 5126 6005 15830
Upstream Prio 1 : bps: 0
Upstream Prio 2 : bps: 0
Upstream Prio 3 : bps: 0
Upstream Prio 4 : bps: 0
Upstream Prio 5 : bps: 0
Upstream Prio 6 : bps: 0
Upstream Prio 7 : bps: 0
Upstream Prio 8 : bps: 0
Upstream Prio 9 : bps: 0

Sync Group 1: Mode ATA

Downstream : bps: 0
Downstream Max : 128000 bps
Downstream Current Max: 0 bps
Downstream Multicast : bps: 0
Downstream Guest : bps: 0
Upstream : bps: 15648 15648 5675 2297 40605 58775 68149
57797 41067 21235 3254 5866 4866 4251 15723 6341 3775 5336 6191 18061
Upstream Max : 12499875 bps
Upstream Current Max : 68149 bps
Upstream Prio 0 : bps: 15648 15648 5675 2297 40605 58775 68149
57797 41067 21235 3254 5866 4866 4251 15723 6341 3775 5336 6191 18061
Upstream Prio 1 : bps: 0
Upstream Prio 2 : bps: 0
Upstream Prio 3 : bps: 0
Upstream Prio 4 : bps: 0
Upstream Prio 5 : bps: 0
Upstream Prio 6 : bps: 0
Upstream Prio 7 : bps: 0
Upstream Prio 8 : bps: 0
Upstream Prio 9 : bps: 0

PP information:

/proc/net/avm_pp_queue_stats:

VPID 1 () lan0
VPID 2 () internet
0: 40912773 pkts / 10847995070 bytes
VPID 3 () voip

END SECTION Online-Monitor
BEGIN SECTION l2tpv3d Suppotdata l2tpv3d
BEGIN SECTION l2tpv3d_log log

L2TPv3 log

1970-01-01 01:01:01.898 - started.
1970-01-01 01:01:01.899 - AVMIPC: Config: l2tpv3_mode_nocfg <SECRET_ip4>
(auto)

```
1970-01-01 01:01:04.704 - AVMIPC: Config: l2tpv3_mode_server <SECRET_ip4>
( :) fritz.box:guest
1970-01-01 01:01:04.704 - mode change: l2tpv3_mode_nocfg ->
l2tpv3_mode_server
1970-01-01 01:01:04.704 - <SECRET_ip4> serving: fritz.box:guest
1970-01-01 01:01:04.704 - server mode started
1970-01-01 01:01:43.719 - UPNP: announcing myself as L2TPV3 server
1970-01-01 01:01:43.719 - UPNP: RemoteEndIds: fritz.box:guest
##### END SECTION l2tpv3d_log
##### BEGIN SECTION l2tpv3d_status status
```

L2TPv3 status

server

END SECTION l2tpv3d_status

BEGIN SECTION l2tpv3d_sessions sessions

L2TPv3 sessions

END SECTION l2tpv3d_sessions

BEGIN SECTION l2tpv3d_guest guest filter

Guest filter

```
1: 1 lo normal
2: 2 bond0 normal
3: 3 dummy0 normal
4: 4 netip_subsystem normal
5: 5 tunl0 normal
6: 6 gre0 normal
7: 7 gretap0 normal
8: 8 sit0 normal
9: 9 ip6tnl0 normal
10: 10 ip6gre0 normal
11: 11 adsl normal
12: 12 ppptty normal
13: 13 ing0 normal
14: 14 adp0 normal
15: 15 adp0.555 normal
16: 16 lbr0 normal
17: 17 erouter0 normal
18: 18 erouter0@adp0 normal
19: 19 mta0 normal
20: 20 mta0@adp0 normal
21: 21 gmac5 normal
22: 22 nsgmii0 normal
23: 23 nsgmii1 normal
24: 24 nrgmii2 normal
25: 25 nrgmii3 normal
26: 26 ngmii4 normal
27: 27 cni0 normal
28: 28 eth3 normal
29: 29 eth2 normal
30: 30 eth1 normal
31: 31 eth0 normal
32: 32 DVBC0 normal
33: 33 lan normal
34: 34 guest guest-bridge
35: 35 dsl wan
36: 36 xfrm normal
```

```
37: 37 wifi0 normal
38: 38 wifil normal
39: 39 ath1 normal
40: 40 ath0 normal
fw_drop   :          0
in_drop   :          0
out_drop  :        6536
ill_drop  :          0
##### END SECTION l2tpv3d_guest
##### BEGIN SECTION l2tpv3d_dump dump
```

L2TPv3d dump

```
no connections
##### END SECTION l2tpv3d_dump
##### END SECTION l2tpv3d
##### BEGIN SECTION PCPD
##### BEGIN SECTION PCPD fwacl
##### END SECTION PCPD fwacl
##### BEGIN SECTION PCPD client
Max Request per Address: 256
##### END SECTION PCPD client
##### END SECTION PCPD
##### BEGIN SECTION PCP
```

/var/tmp/pcpserver

netlink <SECRET_ip4>

ctlmgr[2618] dump (Wed Dec 8 21:30:39 2021)

CTX AF_INET max_lifetime 600 [<SECRET_ip4>] :0

```
MAP TCP [<SECRET_ip4>]:55843 [<SECRET_ip4>]:55843, lifetime 120 secs,
renew in 28 secs
    wanted [<SECRET_ip4>]:55843
    unqid 0
used_ifacnr 0
    desc "argo.TCP.55843"
    nonce 63655b256f4119af64d9c9c7 active
    wanted_lifetime 184549375 lifetime 120
    age 783116 lasttime 37 endtime 28 nsent 0
    last actions: req 37 reply 37 (secs ago)
```

dsld[3657] dump (Wed Dec 8 21:30:39 2021)

```
Groups: IGD 2v4/pm 0v4/iface-normal 1v4/iface-normal
         2v4/iface-normal 0v4/voip 1v4/voip 0v4/pm 0v4/normal
         0v4/in-nat 1v4/in-nat 1v4/pm 2v4/in-nat 0v4/out-nat
         1v4/out-nat 2v4/out-nat
```

CTX AF_INET max_lifetime 600 [<SECRET_ip4>] :0

```
MAP UDP [<SECRET_ip4>]:5060 [<SECRET_ip4>]:5060, lifetime 120 secs,
renew in 46 secs
    wanted [<SECRET_ip4>]:5060
    unqid 0, cfgflags ignore_proxy_errors
ifacnr 1, used_ifacnr 1
```

```
group "1v4/voip" desc "VOIP"
nonce a234287860432297a9eab88e active
wanted_lifetime 184549375 lifetime 120
age 816359 lasttime 17 endtime 46 nsent 0
last actions: req 17 reply 17 (secs ago)
MAP TCP [<SECRET_ip4>]:5060 [<SECRET_ip4>]:5060, lifetime 120 secs,
renew in 54 secs
wanted [<SECRET_ip4>]:5060
uniqid 0, cfgflags ignore_proxy_errors
ifacenr 1, used_ifacenr 1
group "1v4/voip" desc "VOIP"
nonce 3d8382f10bd525ab2106944e active
wanted_lifetime 184549375 lifetime 120
age 816359 lasttime 6 endtime 54 nsent 0
last actions: req 6 reply 6 (secs ago)
MAP UDP [<SECRET_ip4>]:7078 [<SECRET_ip4>]:7078, lifetime 120 secs,
renew in 57 secs
wanted [<SECRET_ip4>]:7078
uniqid 0, cfgflags ignore_proxy_errors
ifacenr 1, used_ifacenr 1
group "1v4/voip" desc "VOIP"
nonce c101179b0d567988d113063b active
port set: wanted 20p got 20p (7078)
wanted_lifetime 184549375 lifetime 120
age 816359 lasttime 15 endtime 57 nsent 0
last actions: req 15 reply 15 (secs ago)
```

multid[3022] dump (Wed Dec 8 21:30:39 2021)

Groups: IGDPROBE

CTX AF_INET max_lifetime 600 [<SECRET_ip4>] :0

MAP TCP [<SECRET_ip4>]:9 [<SECRET_ip4>]:9, lifetime 120 secs, renew in 30 secs

```
wanted [<SECRET_ip4>]:0
uniqid 0
use_ifaceaddr, used_ifacenr 0
group "IGDPROBE" desc "IGDPROBE4"
nonce 7539100e7cacf8288e2edce4 active
<= [<SECRET_ip4>]/128 port 9
filter version: wanted 1 sent 1 installed 1
wanted_lifetime 184549375 lifetime 120
age 816366 lasttime 40 endtime 30 nsent 0
last actions: req 40 reply 40 (secs ago)
```

pcpd[3274] dump (Wed Dec 8 21:30:39 2021)

CTX AF_INET max_lifetime 600 [<SECRET_ip4>] :0 proxy

internet v4

----- pcp44 -----

```
MAP TCP [<SECRET_ip4>]:9 [<SECRET_ip4>]:9 use 1, lifetime 120 secs,
expire in 80 secs
  wanted [<SECRET_ip4>]:0
  uniqid 0
  nonce 7539100e7cacf8288e2edce4
  desc "IGDPROBE4"
  filter version 1
  <= [<SECRET_ip4>]/128 port 9
  wanted_lifetime 120 lifetime 120
  pid 3022 caddr [<SECRET_ip4>]
MAP TCP [<SECRET_ip4>]:55843 [<SECRET_ip4>]:55843 use 1, lifetime 120
secs, expire in 83 secs
  wanted [<SECRET_ip4>]:55843
  uniqid 0
  nonce 63655b256f4119af64d9c9c7
  desc "argo.TCP.55843"
  wanted_lifetime 120 lifetime 120
  pid 2618 caddr [<SECRET_ip4>]
```

----- pcpitems -----

----- pcp map counter -----

```
renew_ok           : 24370
new_network_failure : 18
new_local          : 5
```

----- pcp peer counter -----

lan0 v4

----- pcp44 -----

----- pcpitems -----

----- pcp map counter -----

----- pcp peer counter -----

voip v4

----- pcp44 -----

```
MAP TCP [<SECRET_ip4>]:5060 [<SECRET_ip4>]:5060 use 1, lifetime 120
secs, expire in 114 secs
  wanted [<SECRET_ip4>]:5060
  uniqid 0, cfgflags ignore_proxy_errors
  nonce 3d8382f10bd525ab2106944e
  desc "VOIP"
  wanted_lifetime 120 lifetime 120
  pid 3299 caddr [<SECRET_ip4>]
MAP UDP [<SECRET_ip4>]:5060 [<SECRET_ip4>]:5060 use 1, lifetime 120
secs, expire in 103 secs
  wanted [<SECRET_ip4>]:5060
  uniqid 0, cfgflags ignore_proxy_errors
  nonce a234287860432297a9eab88e
  desc "VOIP"
  wanted_lifetime 120 lifetime 120
  pid 3299 caddr [<SECRET_ip4>]
```

```
MAP UDP [<SECRET_ip4>]:7078 [<SECRET_ip4>]:7078 use 1, lifetime 120
secs, expire in 105 secs
  wanted [<SECRET_ip4>]:7078
  uniqid 0, cfgflags ignore_proxy_errors
  nonce c101179b0d567988d113063b
  desc "VOIP"
  port set: 20p
  wanted_lifetime 120 lifetime 120
  pid 3299 caddr [<SECRET_ip4>]
```

----- pcpititems -----

----- pcpc map counter -----

```
renew_ok          : 36560
new_network_failure : 15
new_local         : 3
```

----- pcpc peer counter -----

```
1970-01-01 01:01:06.980 - MAP complete IGDPROBE TCP [<SECRET_ip4>]:9
iface 0 use_ifaceaddr "IGDPROBE4" - error (network failure)
1970-01-01 01:01:13.474 - MAP complete VOIP UDP [<SECRET_ip4>]:5060
iface 0 "VOIP" - error (network failure)
1970-01-01 01:01:13.475 - MAP complete VOIP TCP [<SECRET_ip4>]:5060
iface 0 "VOIP" - error (network failure)
1970-01-01 01:01:13.475 - MAP complete VOIP UDP [<SECRET_ip4>]:7078-
7097 iface 0 "VOIP" - error (network failure)
1970-01-01 01:01:13.475 - MAP complete VOIP UDP [<SECRET_ip4>]:5060
iface 1 "VOIP" - error (network failure)
1970-01-01 01:01:13.475 - MAP complete VOIP TCP [<SECRET_ip4>]:5060
iface 1 "VOIP" - error (network failure)
1970-01-01 01:01:13.475 - MAP complete VOIP UDP [<SECRET_ip4>]:7078-
7097 iface 1 "VOIP" - error (network failure)
1970-01-01 01:02:03.807 - MAP complete IGDPROBE TCP [<SECRET_ip4>]:9
iface 0 use_ifaceaddr "IGDPROBE4": external [<SECRET_ip4>]:9
1970-01-01 01:02:03.811 - MAP complete VOIP UDP [<SECRET_ip4>]:5060
iface 0 "VOIP": external [<SECRET_ip4>]:5060
1970-01-01 01:02:03.813 - MAP complete VOIP TCP [<SECRET_ip4>]:5060
iface 0 "VOIP": external [<SECRET_ip4>]:5060
1970-01-01 01:02:03.813 - MAP complete VOIP UDP [<SECRET_ip4>]:7078-
7097 iface 0 "VOIP": external [<SECRET_ip4>]:7078-7097p
1970-01-01 01:02:04.726 - MAP complete VOIP UDP [<SECRET_ip4>]:5060
iface 1 "VOIP": external [<SECRET_ip4>]:5060
1970-01-01 01:02:04.727 - MAP complete VOIP TCP [<SECRET_ip4>]:5060
iface 1 "VOIP": external [<SECRET_ip4>]:5060
1970-01-01 01:02:04.727 - MAP complete VOIP UDP [<SECRET_ip4>]:7078-
7097 iface 1 "VOIP": external [<SECRET_ip4>]:7078-7097p
1970-01-01 01:02:06.475 - MAP deleted VOIP UDP [<SECRET_ip4>]:5060
iface 0 "VOIP": external [<SECRET_ip4>]:5060
1970-01-01 01:02:06.476 - MAP deleted VOIP TCP [<SECRET_ip4>]:5060
iface 0 "VOIP": external [<SECRET_ip4>]:5060
1970-01-01 01:02:06.477 - MAP deleted VOIP UDP [<SECRET_ip4>]:7078-
7097 iface 0 "VOIP": external [<SECRET_ip4>]:7078-7097p
2021-11-29 10:47:24.067 - MAP complete ARGO TCP [<SECRET_ip4>]:55843
iface 0 "argo.TCP.55843": external [<SECRET_ip4>]:55843
```

END SECTION PCP

BEGIN SECTION firmware update trace

/var/bootid:_Uha63x9U1Zr1Q

/*


```

* /var/flash/fwupdatetrace.cfg
* Sat Nov 27 16:22:01 2021
*/

meta { encoding = "utf-8"; }

fwupdatetrace {
    bootid = "7V8wQ7Tn9roGnQ";
    initiator = <SECRET_ip4>;
    start = "2021-11-27 14:10:37";
    install_returned = "2021-11-27 14:10:38";
    reboot = "2021-11-27 14:10:38";
    reboot_reason = "docsis update";
    end = "2021-11-27 14:14:41";
    reported = "2021-11-27 16:22:01";
    method = "docsis-snmp";
    from_version = "161.07.22,84584";
    to_version = "161.07.27,88965";
    install_return = 1;
    result = "success";
    url = "file:///dev/disk/by-partlabel/GW_FS0";
    juis_reported = "2021-11-27 14:16:41";
    pushmail = "2021-11-27 14:14:41";
    checkpoint_time = "1970-01-01 00:00:00";
    retry_count = 0;
    evented = yes;
}

// EOF
##### END SECTION firmware update trace
##### BEGIN SECTION box firmware update check log
updatecheck.first
cat: can't open '/var/updatecheck.first': No such file or directory
updatecheck.old
cat: can't open '/var/updatecheck.old': No such file or directory
updatecheck.log
1970-01-01 01:01:06 AutoCheck: wait for time known
2021-11-29 10:47:05 AutoCheck: scheduled to happen at 2021-12-01 10:57:01
2021-12-01 10:57:01 AutoCheck: request with id 1286 issued
2021-12-01 10:57:02 AutoCheck: request 1286 complete: no update found,
CheckInterval=48
2021-12-01 10:57:02 AutoCheck: scheduled to happen at 2021-12-03 05:56:03
2021-12-03 05:56:03 AutoCheck: request with id 1289 issued
2021-12-03 05:56:03 AutoCheck: request 1289 complete: no update found,
CheckInterval=48
2021-12-03 05:56:03 AutoCheck: scheduled to happen at 2021-12-05 05:46:45
2021-12-05 05:46:45 AutoCheck: request with id 1291 issued
2021-12-05 05:46:45 AutoCheck: request 1291 complete: no update found,
CheckInterval=48
2021-12-05 05:46:45 AutoCheck: scheduled to happen at 2021-12-07 15:56:01
2021-12-07 15:56:01 AutoCheck: request with id 1296 issued
2021-12-07 15:56:01 AutoCheck: request 1296 complete: no update found,
CheckInterval=48
2021-12-07 15:56:01 AutoCheck: scheduled to happen at 2021-12-09 18:06:42
##### END SECTION box firmware update check log
##### BEGIN SECTION Processes_Memory Processes and Memory

Processes and Memory
-----

```

S	UID	PID	PPID	VSZ	RSS	TTY	STIME	TIME	CMD
S	0	1	0	2752	1496	0:0	Nov29	00:00:03	init
S	0	2	0	0	0	0:0	Nov29	00:00:00	[kthreadd]
S	0	3	2	0	0	0:0	Nov29	00:01:49	[ksoftirqd/0]
S	0	5	2	0	0	0:0	Nov29	00:00:00	[kworker/0:0H]
S	0	7	2	0	0	0:0	Nov29	00:09:58	[rcu_preempt]
S	0	8	2	0	0	0:0	Nov29	00:00:00	[rcu_sched]
S	0	9	2	0	0	0:0	Nov29	00:00:51	[rcu_bh]
S	0	10	2	0	0	0:0	Nov29	00:00:05	[migration/0]
S	0	11	2	0	0	0:0	Nov29	00:00:00	[lru-add-drain]
S	0	12	2	0	0	0:0	Nov29	00:00:03	[watchdog/0]
S	0	13	2	0	0	0:0	Nov29	00:00:00	[cpuhp/0]
S	0	14	2	0	0	0:0	Nov29	00:00:00	[cpuhp/1]
S	0	15	2	0	0	0:0	Nov29	00:00:03	[watchdog/1]
S	0	16	2	0	0	0:0	Nov29	00:00:04	[migration/1]
S	0	17	2	0	0	0:0	Nov29	01:20:55	[ksoftirqd/1]
S	0	19	2	0	0	0:0	Nov29	00:34:49	[kworker/1:0H]
S	0	20	2	0	0	0:0	Nov29	00:00:00	[kdevtmpfs]
S	0	21	2	0	0	0:0	Nov29	00:04:15	[temp_reader_CPU]
S	0	22	2	0	0	0:0	Nov29	00:00:01	[khungtaskd]
S	0	23	2	0	0	0:0	Nov29	00:00:00	[oom_reaper]
S	0	24	2	0	0	0:0	Nov29	00:00:00	[writeback]
S	0	25	2	0	0	0:0	Nov29	00:00:00	[kcompactd0]
S	0	26	2	0	0	0:0	Nov29	00:00:00	[ksmd]
S	0	27	2	0	0	0:0	Nov29	00:00:14	[khugepaged]
S	0	29	2	0	0	0:0	Nov29	00:00:00	[crypto]
S	0	30	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	31	2	0	0	0:0	Nov29	00:00:00	[kblockd]
S	0	32	2	0	0	0:0	Nov29	00:00:00	[spi1]
S	0	34	2	0	0	0:0	Nov29	00:00:00	[spi2]
S	0	35	2	0	0	0:0	Nov29	00:00:00	[netip_service_m]
S	0	36	2	0	0	0:0	Nov29	00:02:10	[hwMboxKRecvOp00]
S	0	37	2	0	0	0:0	Nov29	00:04:21	[avm_event_node]
S	0	38	2	0	0	0:0	Nov29	00:00:00	[watchdogd]
S	0	40	2	0	0	0:0	Nov29	00:00:00	[irq/317-INT34D9]
S	0	41	2	0	0	0:0	Nov29	00:00:00	[handshake_serve]
S	0	42	2	0	0	0:0	Nov29	00:00:00	[cppi_server:9 m]
S	0	43	2	0	0	0:0	Nov29	00:00:00	[Session Group C]
S	0	44	2	0	0	0:0	Nov29	00:00:00	[Remote Config:1]
S	0	45	2	0	0	0:0	Nov29	00:00:00	[HIL events MRPC]
S	0	46	2	0	0	0:0	Nov29	00:00:00	[AVM configurati]
S	0	50	2	0	0	0:0	Nov29	00:00:00	[kswapd0]
S	0	51	2	0	0	0:0	Nov29	00:00:00	[vmstat]
S	0	88	2	0	0	0:0	Nov29	00:00:00	[acpi_thermal_pm]
S	0	89	2	0	0	0:0	Nov29	00:00:00	[eventsink_wq]
S	0	90	2	0	0	0:0	Nov29	00:00:00	[avm_debugd]
S	0	91	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	92	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	93	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	94	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	95	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	96	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	97	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	98	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	99	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	100	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	101	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	102	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	103	2	0	0	0:0	Nov29	00:00:00	[bioset]
S	0	104	2	0	0	0:0	Nov29	00:00:00	[bioset]

S	0	105	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	106	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	107	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	108	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	109	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	110	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	111	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	112	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	113	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	114	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	115	2	0	0	0 0:0	Nov29	00:00:00	[irq/116-mei_txe]
S	0	117	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	118	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	119	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	120	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	121	2	0	0	0 0:0	Nov29	00:00:00	[bond0]
S	0	122	2	0	0	0 0:0	Nov29	00:00:00	[sfp_service_han]
S	0	123	2	0	0	0 0:0	Nov29	00:00:00	[irq/44-mmc0]
S	0	124	2	0	0	0 0:0	Nov29	00:00:00	[irq/45-mmc1]
S	0	126	2	0	0	0 0:0	Nov29	00:00:00	[irq/47-mmc2]
S	0	128	2	0	0	0 0:0	Nov29	00:00:00	[Puma ACPI_Task]
S	0	129	2	0	0	0 0:0	Nov29	00:00:00	[ipv6_addrconf]
S	0	140	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	141	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	142	2	0	0	0 0:0	Nov29	00:00:01	[mmcqd/0]
S	0	143	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	144	2	0	0	0 0:0	Nov29	00:00:00	[mmcqd/0boot0]
S	0	146	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	147	2	0	0	0 0:0	Nov29	00:00:00	[mmcqd/0boot1]
S	0	148	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	149	2	0	0	0 0:0	Nov29	00:00:00	[mmcqd/0rpmb]
S	0	151	2	0	0	0 0:0	Nov29	00:00:00	[bioset]
S	0	152	2	0	0	0 0:0	Nov29	00:00:00	[kworker/0:1H]
S	0	172	2	0	0	0 0:0	Nov29	00:00:00	[tffs_server]
S	0	173	2	0	0	0 0:0	Nov29	00:00:00	[tffsd]
S	0	176	2	0	0	0 0:0	Nov29	00:00:00	[eventsink_wq]
S	0	177	2	0	0	0 0:0	Nov29	00:00:00	[eventsink_wq]
S	0	178	2	0	0	0 0:0	Nov29	00:01:31	[pm_info]
S	0	179	2	0	0	0 0:0	Nov29	00:00:00	[cleanup_timer_f]
S	0	180	2	0	0	0 0:0	Nov29	00:00:00	[avm_connect_eve]
S	0	181	2	0	0	0 0:0	Nov29	00:00:00	[eventsink_wq]
S	0	182	2	0	0	0 0:0	Nov29	00:00:00	[eventsink_wq]
S	0	183	2	0	0	0 0:0	Nov29	00:00:00	[eventsink_wq]
S	0	193	2	0	0	0 0:0	Nov29	01:15:22	[kworker/1:1H]
S	0	199	1	2708	1796	0:0	Nov29	00:00:02	supervisor
/lib/systemd/s									
S	0	211	2	0	0	0 0:0	Nov29	00:00:00	[jbd2/mmcblk0p13]
S	0	212	2	0	0	0 0:0	Nov29	00:00:00	[ext4-rsv-conver]
S	0	258	1	2752	772	ttyS0	Nov29	00:00:00	init
S	0	284	199	111m	2964	0:0	Nov29	00:00:01	/usr/bin/untrusteddd
S	0	285	199	111m	2964	0:0	Nov29	00:00:00	/usr/bin/untrusteddd
S	0	286	199	111m	2964	0:0	Nov29	00:00:00	/usr/bin/untrusteddd
S	0	287	199	111m	2964	0:0	Nov29	00:00:00	/usr/bin/untrusteddd
S	0	288	199	111m	2964	0:0	Nov29	00:00:00	/usr/bin/untrusteddd
S	0	289	199	111m	2964	0:0	Nov29	00:00:00	/usr/bin/untrusteddd
S	0	290	199	111m	2964	0:0	Nov29	00:00:02	/usr/bin/untrusteddd
S	0	291	199	111m	2964	0:0	Nov29	00:00:02	/usr/bin/untrusteddd
S	0	292	199	111m	2964	0:0	Nov29	00:00:02	/usr/bin/untrusteddd
S	0	293	199	111m	2964	0:0	Nov29	00:00:02	/usr/bin/untrusteddd
S	0	294	199	111m	2964	0:0	Nov29	00:00:00	/usr/bin/untrusteddd

```

S      0    295    199   111m   2964  0:0   Nov29  00:00:00  /usr/bin/untrusteddd
S      0    296    199   111m   2964  0:0   Nov29  00:00:01  /usr/bin/untrusteddd
S      0    297    199   111m   2964  0:0   Nov29  00:00:06  /usr/bin/untrusteddd
S      0    375    199   3356   2516  0:0   Nov29  00:00:00  /sbin/udev
S      0    415      2      0      0  0:0   Nov29  00:00:00  [ppevent_rx_wq]
S      0    416      2      0      0  0:0   Nov29  00:00:00  [TDOX Evaluation]
S      0    417      2      0      0  0:0   Nov29  00:17:36  [kneightrackd]
S      0    521      1   2360   1540  0:0   Nov29  00:00:00  /sbin/acpid
S      0    528      2      0      0  0:0   Nov29  00:00:00  [ddh_watchdog_wq]
S      0    540      1   3008    832  0:0   Nov29  00:00:00  /sbin/logger
S      0    558      2      0      0  0:0   Nov29  00:00:00  [WPD resources r]
S      0    764      1  11760   1640  0:0   Nov29  00:00:00  /bin/sec_pm_daemon 2
S      0    839      1   2764   2092  0:0   Nov29  00:00:00
/bin/netip_sec_server -p
S      0   1504      1   3368   1552  0:0   Nov29  01:03:13
/usr/sbin/extswitch_init
S      0   1508      2      0      0  0:0   Nov29  00:00:00  [DOCSIS NetDev i]
S      0   1766      1   4328   3020  0:0   Nov29  00:42:46  extswitch_watch
S      0   1769      1   2792   2048  0:0   Nov29  00:00:01  rpcbind -h
169.254.1.1
S      0   1771      1   2552   1796  0:0   Nov29  00:00:00
rpc_management_server 169
S      0   1774      1   4236   2428  0:0   Nov29  00:01:20  atom_pucd
S      0   1790      2      0      0  0:0   Nov29  00:00:00  [capi_pipew]
S      0   1791      2      0      0  0:0   Nov29  00:00:00  [capi_schedw]
S      0   1792      2      0      0  0:0   Nov29  00:00:00  [eventsink_wq]
S      0   1793      2      0      0  0:0   Nov29  00:05:26  [pcmlink_ctrl/1]
S      0   2264      2      0      0  0:0   Nov29  00:00:03  [capitransp]
S      0   2296      2      0      0  0:0   Nov29  01:08:28  [avm_dect_thread]
S      0   2373      2      0      0  0:0   Nov29  00:00:00  [jbd2/mmcblk0p18]
S      0   2374      2      0      0  0:0   Nov29  00:00:00  [ext4-rsv-conver]
S      0   2424    199   2756   1752  0:0   Nov29  00:02:55  {reset_check}
/bin/sh /us
S      0   2433      1   2756   1456  0:0   Nov29  00:00:00  /usr/sbin/inetd
S      0   2440      1   4224   2248  0:0   Nov29  00:10:36  /bin/avmipcd
S      0   2452      1   3496   2040  0:0   Nov29  00:01:14  /usr/bin/boxnotifyd
S      0   2463      1   2560   1160  0:0   Nov29  00:00:00  /bin/run_clock -c
/dev/tf
S      0   2483      1   3432   2196  0:0   Nov29  00:01:21  /sbin/psetd
/etc/psetd.cf
S      0   2492      1  20812   3444  0:0   Nov29  01:27:19  cableinfo
S      0   2507      1  20812   3444  0:0   Nov29  00:00:00  cableinfo
S      0   2508      1  20812   3444  0:0   Nov29  00:00:00  cableinfo
S      0   2562      1   7292   5176  0:0   Nov29  00:02:21  avmnexusd
S      0   2592      1   4652   2620  0:0   Nov29  00:01:44  l2tpv3d
S      0   2618      1  61768  17112  0:0   Nov29  00:20:27  ctmgr
S      0   2619      1  61768  17112  0:0   Nov29  00:00:00  ctmgr
S      0   3364      1  61768  17112  0:0   Nov29  00:00:00  ctmgr
S      0   3365      1  61768  17112  0:0   Nov29  00:00:00  ctmgr
S      0   2637      1   5432   4272  0:0   Nov29  00:01:38  vpng
S      0   2896      1  34120   7604  0:0   Nov29  00:03:56  upnpd
S      0   5583      1  34120   7604  0:0   Nov29  00:00:00  upnpd
S      0   5584      1  34120   7604  0:0   Nov29  00:00:01  upnpd
S      0   3022      1   9860   6628  0:0   Nov29  00:07:17  multid
S      0   3270      1   8572   6268  0:0   Nov29  00:02:09  ddnsd
S      0   3274      1   4428   2708  0:0   Nov29  00:01:47  pcpd
S      0   3297      1  10440   6608  0:0   Nov29  00:16:25  wland -B
S      0   3526      1   4964   2984  0:0   Nov29  00:01:42  usermand
S      0   3528      1   4952   2976  0:0   Nov29  00:01:09  contfiltd
S      0   3657      1   6976   4140  0:0   Nov29  00:07:39  dsld -i -n

```

```

S      0 3733      1 4268 2532 0:0   Nov29 00:01:47 deviceinfod
S      0 3748      1 7548 2520 0:0   Nov29 00:01:02 pumaupdatetrace
S      0 3843     199 66416 5992 0:0   Nov29 00:00:30 {aha_main}
/usr/bin/aha
S      0 4025     199 66416 5992 0:0   Nov29 00:00:00 {upper_conn}
/usr/bin/aha
S      0 4034     199 66416 5992 0:0   Nov29 00:01:06 /usr/bin/aha
S      0 4047     199 66416 5992 0:0   Nov29 00:00:49 {dectule}
/usr/bin/aha
S      0 4049     199 66416 5992 0:0   Nov29 00:00:00 {sRX} /usr/bin/aha
S      0 4050     199 66416 5992 0:0   Nov29 00:01:05 {sockH} /usr/bin/aha
S      0 3844     199 5216 3440 0:0   Nov29 00:01:09 /sbin/kpid -d
R      0 3846     199 6744 5028 0:0   Nov29 00:14:45 plcd
S      0 3902      1 3508 2204 0:0   Nov29 00:00:03 /bin/configd
S      0 3997      1 6032 4060 0:0   Nov29 00:01:06 pbd
S      0 4031      1 3632 2292 0:0   Nov29 00:01:06 /usr/bin/ptestd --
client_
S      0 4033     4031 3636 2040 0:0   Nov29 00:00:00 /usr/bin/ptestd --
client_
S      0 4085      1 27064 6820 0:0   Nov29 00:05:08 telefon a127.0.0.1
S      0 4087      1 27064 6820 0:0   Nov29 00:00:00 telefon a127.0.0.1
S      0 4138      1 27064 6820 0:0   Nov29 00:00:00 telefon a127.0.0.1
S      0 4118      1 11064 8096 0:0   Nov29 00:05:43 meshd
S      0 4180      1 10568 10548 0:0   Nov29 00:04:50 voipd
S      0 4325      1 5244 2700 0:0   Nov29 00:01:14 /bin/voipkpid
S      0 4999      1 4864 2692 0:0   Nov29 00:00:31 hostapd -B -g
/var/run/ho
S      0 5011      1 4872 1348 0:0   Nov29 00:00:07 wpa_supplicant -B -g
/var
S      0 5013      2      0      0 0:0   Nov29 00:00:00 [alloc_task_wque]
S      0 5568      2      0      0 0:0   Nov29 00:00:33 [temp_reader_Wif]
S      0 5595      2      0      0 0:0   Nov29 00:00:00 [alloc_task_wque]
S      0 6138      2      0      0 0:0   Nov29 00:00:36 [temp_reader_Wif]
S      0 8700     3022 3544 2456 0:0   Nov29 00:00:02 /sbin/chronyd -n -f
/var/
S      0 9062      1 16240 5888 0:0   Nov29 00:01:27 /sbin/fritznasdb -a
S      0 12581     2      0      0 0:0   19:28 00:00:00 [kworker/u4:2]
S      0 15233     2      0      0 0:0   20:25 00:00:00 [kworker/0:1]
S      0 15376     2      0      0 0:0   20:31 00:00:00 [kworker/1:2]
S      0 17302     2      0      0 0:0   21:22 00:00:00 [kworker/u4:0]
S      0 18022     2      0      0 0:0   21:22 00:00:01 [kworker/0:0]
S      0 18023     2      0      0 0:0   21:22 00:00:01 [kworker/1:1]
S      0 18150     2      0      0 0:0   21:27 00:00:00 [kworker/0:2]
S      0 18169     2      0      0 0:0   21:28 00:00:00 [kworker/1:0]
S      0 18214     2618 2756 1656 0:0   21:30 00:00:00 {supportdata.arg}
/bin/sh
S      0 18444     18214 2756 1748 0:0   21:30 00:00:00 {supportdata_arg}
/bin/sh
S      0 18506     2424 2620 1172 0:0   21:30 00:00:00 sleep 5
R      0 18648     18444 2756 1920 0:0   21:30 00:00:00 ps -lT

```

Processes sorted by CPU time:

Mem: 416144K used, 308488K free, 4428K shrd, 32076K buff, 61596K cached

CPU: 4.3% usr 8.6% sys 0.0% nic 86.9% idle 0.0% io 0.0% irq 0.0%
sirq

Load average: 0.11 0.09 0.08 1/211 18649

```

PID PPID USER STAT VSZ %VSZ CPU %CPU COMMAND
18649 18444 root R 2752 0.3 0 8.6 top -b -nl
1766 1 root S 4328 0.5 0 4.3 extswitch_watch
284 199 root S 111m 15.7 1 0.0 /usr/bin/untrusteddd

```

3843	199	root	S	66416	9.1	0	0.0	{aha_main} /usr/bin/aha
2618	1	root	S	61768	8.4	0	0.0	ctlmgr
2896	1	root	S	34120	4.6	0	0.0	upnpd
4085	1	root	S	27064	3.7	1	0.0	telefon a127.0.0.1
2492	1	root	S	20812	2.8	1	0.0	cableinfo
9062	1	root	S	16240	2.2	0	0.0	/sbin/fritznasdb -a
764	1	root	S	11760	1.6	1	0.0	/bin/sec_pm_daemon 2
4118	1	root	S	11064	1.5	1	0.0	meshd
4180	1	root	S<	10568	1.4	0	0.0	voipd
3297	1	root	S	10440	1.4	0	0.0	wland -B
3022	1	root	S	9860	1.3	0	0.0	multid
3270	1	root	S	8572	1.1	1	0.0	ddnsd
3748	1	root	S	7548	1.0	0	0.0	pumaupdatetrace
2562	1	root	S	7292	1.0	0	0.0	avmnexusd
3657	1	root	S	6976	0.9	1	0.0	dslld -i -n
3846	199	root	S	6744	0.9	0	0.0	plcd
3997	1	root	S	6032	0.8	0	0.0	pbd
2637	1	root	S	5432	0.7	1	0.0	vpnd
4325	1	root	S	5244	0.7	1	0.0	/bin/voipkpid
3844	199	root	S	5216	0.7	0	0.0	/sbin/kpid -d
3526	1	root	S	4964	0.6	0	0.0	usermand
3528	1	root	S	4952	0.6	0	0.0	contfiltd
5011	1	root	S	4872	0.6	1	0.0	wpa_supplicant -B -g
/var/run/wpa_supplicant/global -D athr								
4999	1	root	S	4864	0.6	0	0.0	hostapd -B -g
/var/run/hostapd/global								
2592	1	root	S	4652	0.6	1	0.0	l2tpv3d
3274	1	root	S	4428	0.6	0	0.0	pcpd
3733	1	root	S	4268	0.5	0	0.0	deviceinfod
1774	1	root	S	4236	0.5	0	0.0	atom_pucd
2440	1	root	S	4224	0.5	0	0.0	/bin/avmipcd
4033	4031	root	S	3636	0.5	0	0.0	/usr/bin/ptestd --
client_ip=192.168.178.20 -c1								
4031	1	root	S	3632	0.5	0	0.0	/usr/bin/ptestd --
client_ip=192.168.178.20 -c1								
8700	3022	root	S	3544	0.4	1	0.0	/sbin/chronyd -n -f
/var/tmp/chrony.conf								
3902	1	root	S	3508	0.4	1	0.0	/bin/configd
2452	1	root	S	3496	0.4	0	0.0	/usr/bin/boxnotifyd
2483	1	root	S	3432	0.4	0	0.0	/sbin/psetd /etc/psetd.cfg
1504	1	root	S	3368	0.4	0	0.0	/usr/sbin/extswitch_init
169.254.1.1 169.254.1.2								
375	199	root	S	3356	0.4	1	0.0	/sbin/udev
540	1	root	S	3008	0.4	1	0.0	/sbin/logger
1769	1	root	S	2792	0.3	0	0.0	rpcbind -h 169.254.1.1
839	1	root	S	2764	0.3	1	0.0	/bin/netip_sec_server -p
/nvram/itstore/								
2424	199	root	S	2756	0.3	0	0.0	{reset_check} /bin/sh
/usr/bin/reset_check								
18214	2618	root	S	2756	0.3	0	0.0	{supportdata.arg} /bin/sh
/bin/supportdata.argo								
18444	18214	root	S	2756	0.3	1	0.0	{supportdata_arg} /bin/sh
/bin/supportdata_arg.nw								
2433	1	root	S	2756	0.3	1	0.0	/usr/sbin/inetd
1	0	root	S	2752	0.3	0	0.0	init
258	1	root	S	2752	0.3	1	0.0	init
199	1	root	S	2708	0.3	1	0.0	supervisor
/lib/systemd/system								
18506	2424	root	S	2620	0.3	0	0.0	sleep 5

2463	1	root	S	2560	0.3	1	0.0	/bin/run_clock -c /dev/tffs
-d								
1771	1	root	S	2552	0.3	0	0.0	rpc_management_server
169.254.1.1	169.254.1.2							
521	1	root	S	2360	0.3	0	0.0	/sbin/acpid
17	2	root	SW	0	0.0	1	0.0	[ksoftirqd/1]
193	2	root	SW<	0	0.0	1	0.0	[kworker/1:1H]
2296	2	root	SW<	0	0.0	1	0.0	[avm_dect_thread]
19	2	root	SW<	0	0.0	1	0.0	[kworker/1:0H]
417	2	root	SWN	0	0.0	1	0.0	[kneightrackd]
7	2	root	SW	0	0.0	1	0.0	[rcu_preempt]
1793	2	root	SW	0	0.0	1	0.0	[pcmlink_ctrl/1]
37	2	root	SW	0	0.0	0	0.0	[avm_event_node]
21	2	root	SW	0	0.0	0	0.0	[temp_reader_CPU]
36	2	root	SW	0	0.0	0	0.0	[hwMboxKRecvOp00]
3	2	root	SW	0	0.0	0	0.0	[ksoftirqd/0]
178	2	root	SW	0	0.0	1	0.0	[pm_info]
9	2	root	SW	0	0.0	1	0.0	[rcu_bh]
6138	2	root	SW	0	0.0	0	0.0	[temp_reader_Wif]
5568	2	root	SW	0	0.0	1	0.0	[temp_reader_Wif]
27	2	root	SWN	0	0.0	1	0.0	[khugepaged]
10	2	root	SW	0	0.0	0	0.0	[migration/0]
16	2	root	SW	0	0.0	1	0.0	[migration/1]
15	2	root	SW	0	0.0	1	0.0	[watchdog/1]
2264	2	root	SW	0	0.0	1	0.0	[capittransp]
12	2	root	SW	0	0.0	0	0.0	[watchdog/0]
142	2	root	SW	0	0.0	1	0.0	[mmcqd/0]
18022	2	root	SW	0	0.0	0	0.0	[kworker/0:0]
22	2	root	SW	0	0.0	1	0.0	[khungtaskd]
18023	2	root	SW	0	0.0	1	0.0	[kworker/1:1]
172	2	root	SW	0	0.0	0	0.0	[tffs_server]
12581	2	root	SW	0	0.0	1	0.0	[kworker/u4:2]
2	0	root	SW	0	0.0	0	0.0	[kthreadd]
211	2	root	SW	0	0.0	1	0.0	[jbd2/mmcblk0p13]
18169	2	root	SW	0	0.0	1	0.0	[kworker/1:0]
17302	2	root	SW	0	0.0	0	0.0	[kworker/u4:0]
128	2	root	SW	0	0.0	0	0.0	[Puma ACPI_Task]
152	2	root	SW<	0	0.0	0	0.0	[kworker/0:1H]
35	2	root	SW	0	0.0	1	0.0	[netip_service_m]
90	2	root	SWN	0	0.0	1	0.0	[avm_debugd]
115	2	root	SW	0	0.0	1	0.0	[irq/116-mei_txe]
144	2	root	SW	0	0.0	0	0.0	[mmcqd/0boot0]
147	2	root	SW	0	0.0	0	0.0	[mmcqd/0boot1]
2373	2	root	SW	0	0.0	1	0.0	[jbd2/mmcblk0p18]
5	2	root	SW<	0	0.0	0	0.0	[kworker/0:0H]
8	2	root	SW	0	0.0	0	0.0	[rcu_sched]
11	2	root	SW<	0	0.0	0	0.0	[lru-add-drain]
13	2	root	SW	0	0.0	0	0.0	[cpuhp/0]
14	2	root	SW	0	0.0	1	0.0	[cpuhp/1]
20	2	root	SW	0	0.0	0	0.0	[kdevtmpfs]
23	2	root	SW	0	0.0	1	0.0	[oom_reaper]
24	2	root	SW<	0	0.0	1	0.0	[writeback]
25	2	root	SW	0	0.0	1	0.0	[kcompactd0]
26	2	root	SWN	0	0.0	1	0.0	[ksmd]
29	2	root	SW<	0	0.0	1	0.0	[crypto]
30	2	root	SW<	0	0.0	1	0.0	[bioset]
31	2	root	SW<	0	0.0	0	0.0	[kblockd]
32	2	root	SW	0	0.0	0	0.0	[spi1]
34	2	root	SW	0	0.0	0	0.0	[spi2]
38	2	root	SW<	0	0.0	1	0.0	[watchdogd]

40	2	root	SW	0	0.0	0	0.0	[irq/317-INT34D9]
41	2	root	SW<	0	0.0	1	0.0	[handshake_serve]
42	2	root	SW<	0	0.0	1	0.0	[cpqi_server:9 m]
43	2	root	SW<	0	0.0	1	0.0	[Session Group C]
44	2	root	SW<	0	0.0	1	0.0	[Remote Config:1]
45	2	root	SW<	0	0.0	1	0.0	[HIL events MRPC]
46	2	root	SW<	0	0.0	1	0.0	[AVM configurati]
50	2	root	SW	0	0.0	0	0.0	[kswapd0]
51	2	root	SW<	0	0.0	1	0.0	[vmstat]
88	2	root	SW<	0	0.0	0	0.0	[acpi_thermal_pm]
89	2	root	SW<	0	0.0	0	0.0	[eventsink_wq]
91	2	root	SW<	0	0.0	0	0.0	[bioset]
92	2	root	SW<	0	0.0	0	0.0	[bioset]
93	2	root	SW<	0	0.0	0	0.0	[bioset]
94	2	root	SW<	0	0.0	0	0.0	[bioset]
95	2	root	SW<	0	0.0	0	0.0	[bioset]
96	2	root	SW<	0	0.0	0	0.0	[bioset]
97	2	root	SW<	0	0.0	0	0.0	[bioset]
98	2	root	SW<	0	0.0	0	0.0	[bioset]
99	2	root	SW<	0	0.0	0	0.0	[bioset]
100	2	root	SW<	0	0.0	0	0.0	[bioset]
101	2	root	SW<	0	0.0	0	0.0	[bioset]
102	2	root	SW<	0	0.0	0	0.0	[bioset]
103	2	root	SW<	0	0.0	0	0.0	[bioset]
104	2	root	SW<	0	0.0	0	0.0	[bioset]
105	2	root	SW<	0	0.0	0	0.0	[bioset]
106	2	root	SW<	0	0.0	0	0.0	[bioset]
107	2	root	SW<	0	0.0	0	0.0	[bioset]
108	2	root	SW<	0	0.0	0	0.0	[bioset]
109	2	root	SW<	0	0.0	0	0.0	[bioset]
110	2	root	SW<	0	0.0	0	0.0	[bioset]
111	2	root	SW<	0	0.0	0	0.0	[bioset]
112	2	root	SW<	0	0.0	0	0.0	[bioset]
113	2	root	SW<	0	0.0	0	0.0	[bioset]
114	2	root	SW<	0	0.0	0	0.0	[bioset]
117	2	root	SW<	0	0.0	1	0.0	[bioset]
118	2	root	SW<	0	0.0	1	0.0	[bioset]
119	2	root	SW<	0	0.0	1	0.0	[bioset]
120	2	root	SW<	0	0.0	1	0.0	[bioset]
121	2	root	SW<	0	0.0	1	0.0	[bond0]
122	2	root	SW<	0	0.0	1	0.0	[sfp_service_han]
123	2	root	SW	0	0.0	1	0.0	[irq/44-mmc0]
124	2	root	SW	0	0.0	1	0.0	[irq/45-mmc1]
126	2	root	SW	0	0.0	0	0.0	[irq/47-mmc2]
129	2	root	SW<	0	0.0	0	0.0	[ipv6_addrconf]
140	2	root	SW<	0	0.0	0	0.0	[bioset]
141	2	root	SW<	0	0.0	0	0.0	[bioset]
143	2	root	SW<	0	0.0	0	0.0	[bioset]
146	2	root	SW<	0	0.0	0	0.0	[bioset]
148	2	root	SW<	0	0.0	0	0.0	[bioset]
149	2	root	SW	0	0.0	0	0.0	[mmcqd/0rpmb]
151	2	root	SW<	0	0.0	0	0.0	[bioset]
173	2	root	SW	0	0.0	1	0.0	[tffsd]
176	2	root	SW<	0	0.0	1	0.0	[eventsink_wq]
177	2	root	SW<	0	0.0	1	0.0	[eventsink_wq]
179	2	root	SW	0	0.0	0	0.0	[cleanup_timer_f]
180	2	root	SW	0	0.0	1	0.0	[avm_connect_eve]
181	2	root	SW<	0	0.0	0	0.0	[eventsink_wq]
182	2	root	SW<	0	0.0	1	0.0	[eventsink_wq]
183	2	root	SW<	0	0.0	1	0.0	[eventsink_wq]

212	2	root	SW<	0	0.0	0	0.0	[ext4-rsv-conver]
415	2	root	SW<	0	0.0	0	0.0	[ppevent_rx_wq]
416	2	root	SW<	0	0.0	0	0.0	[TDOX Evaluation]
528	2	root	SW<	0	0.0	0	0.0	[ddh_watchdog_wq]
558	2	root	SW<	0	0.0	1	0.0	[WPD resources r]
1508	2	root	SW<	0	0.0	1	0.0	[DOCSIS NetDev i]
1790	2	root	SW<	0	0.0	0	0.0	[capi_pipew]
1791	2	root	SW<	0	0.0	0	0.0	[capi_schedw]
1792	2	root	SW<	0	0.0	0	0.0	[eventsink_wq]
2374	2	root	SW<	0	0.0	1	0.0	[ext4-rsv-conver]
5013	2	root	SW<	0	0.0	1	0.0	[alloc_task_wque]
5595	2	root	SW<	0	0.0	1	0.0	[alloc_task_wque]
15233	2	root	SW	0	0.0	0	0.0	[kworker/0:1]
15376	2	root	SW	0	0.0	1	0.0	[kworker/1:2]
18150	2	root	SW	0	0.0	0	0.0	[kworker/0:2]

Processes sorted by Memory used:

Mem total:724632 anon:28052 map:29224 free:308384

slab:41548 buf:32076 cache:61588 dirty:0 write:0

Swap total:0 free:0

PID	VSZ	VSZRW	RSS	(SHR)	DIRTY	(SHR)	STACK	COMMAND
284	111m	104m	2964	2100	508	0	132	/usr/bin/untrusteddd
3843	66416	59820	5992	3616	1080	20	136	{aha_main} /usr/bin/aha
2618	61768	46212	17112	8880	4560	272	124	ctlmgr
2896	34120	26064	7604	5996	1500	88	124	upnpd
4085	27064	18776	6820	3928	2072	64	124	telefon a127.0.0.1
2492	20812	16788	3444	2880	392	0	124	cableinfo
9062	16240	9320	5888	4116	948	24	128	/sbin/fritznasdb -a
764	11760	8648	1640	1524	104	0	136	/bin/sec_pm_daemon 2
4118	11064	1156	8096	4488	944	32	128	meshd
4180	10568	1756	10548	6700	1808	196	128	voipd
3297	10440	1864	6608	4008	1628	0	120	wland -B
3022	9860	2680	6628	4876	1456	116	124	multid
3270	8572	940	6268	5392	872	60	124	ddnsd
3748	7548	596	2520	1868	644	0	128	pumaupdatetrace
2562	7292	740	5176	4388	708	12	124	avmnexusd
3657	6976	1484	4140	3016	1076	200	124	dsld -i -n
3846	6744	600	5028	4524	436	0	120	plcd
3997	6032	748	4060	3452	480	4	124	pbd
2637	5432	884	4272	3552	752	68	124	vpnd
4325	5244	588	2700	2340	388	52	124	/bin/voipkpid
3844	5216	576	3440	3056	372	0	128	/sbin/kpid -d
3526	4964	636	2984	2340	612	0	124	usermand
3528	4952	556	2976	2248	516	0	128	contfiltd
5011	4872	364	1348	896	196	0	136	wpa_supplicant -B -g
/var/run/wpa_supplicant/global -D athr								
4999	4864	364	2692	1968	276	0	136	hostapd -B -g
/var/run/hostapd/global								
2592	4652	500	2620	2148	412	4	120	l2tpv3d
3274	4428	484	2708	2296	408	24	128	pcpd
1766	4328	968	3020	2656	364	28	136	extswitch_watch
3733	4268	388	2532	2156	360	0	124	deviceinfod
1774	4236	428	2428	2104	316	4	124	atom_pucd
2440	4224	408	2248	1868	360	0	128	/bin/avmipcd
4033	3636	392	2040	1912	256	128	136	/usr/bin/ptestd --
client_ip=192.168.178.20 -c1								
4031	3632	388	2292	2112	256	128	136	/usr/bin/ptestd --
client_ip=192.168.178.20 -c1								

```

8700 3544 356 2456 2108 148 0 136 /sbin/chronyd -n -f
/var/tmp/chrony.conf
3902 3508 456 2204 1796 392 0 136 /bin/configd
2452 3496 352 2040 1740 276 0 136 /usr/bin/boxnotifyd
2483 3432 352 2196 1896 272 0 136 /sbin/psetd
/etc/psetd.cfg
1504 3368 884 1552 1288 256 12 136 /usr/sbin/extswitch_init
169.254.1.1 169.254.1.2
375 3356 476 2516 1660 396 0 136 /sbin/udev
540 3008 840 832 668 144 8 136 /sbin/logger
1769 2792 356 2048 1680 196 0 136 rpcbind -h 169.254.1.1
839 2764 356 2092 1756 184 0 136 /bin/netip_sec_server -p
/nvram/itstore/
18444 2756 304 1876 1768 108 0 136 {supportdata_arg} /bin/sh
/bin/supportdata_argo.nw
2424 2756 304 1752 1664 88 0 136 {reset_check} /bin/sh
/usr/bin/reset_check
18214 2756 304 1656 1568 88 0 136 {supportdata.arg} /bin/sh
/bin/supportdata_argo
18650 2756 304 1756 1672 84 0 136 top -b -nl -m
2433 2756 304 1456 1376 80 0 136 /usr/sbin/inetd
1 2752 300 1496 1468 68 40 132 init
258 2752 300 772 744 68 40 132 init
199 2708 356 1796 1568 204 0 132 supervisor
/lib/systemd/system
18506 2620 168 1172 1108 64 0 136 sleep 5
2463 2560 352 1160 1020 128 0 136 /bin/run_clock -c
/dev/ttfs -d
1771 2552 324 1796 1620 152 0 136 rpc_management_server
169.254.1.1 169.254.1.2
521 2360 304 1540 1340 164 0 136 /sbin/acpid

```

Module	Size	Used by	Tainted: P
krtp	229376	0	
xhci_pci	16384	0	
xhci_hcd	147456	1 xhci_pci	
userman_mod	69632	4	
qca_ol	1040384	0	
umac	1470464	2 qca_ol	
ath_spectral	45056	2 qca_ol	
ath_dfs	81920	2 qca_ol,umac	
qdf	36864	4 qca_ol,umac,ath_spectral,ath_dfs	
asf	16384	4 qca_ol,umac,ath_spectral,ath_dfs	
mem_manager	16384	2 qca_ol,umac	
aae	110592	3 qca_ol,umac,ath_dfs	
dect_io	28672	0	
avm_dect	294912	1 dect_io	
capi_codec	393216	0	
isdn_fbox_fon5	1294336	7 krtp	
pcmlink	356352	4 avm_dect,capi_codec,isdn_fbox_fon5	
avm_dvbc_drv	20480	0	
cable_netdev	24576	0	
toe_drv	20480	0	
swapi_mod	122880	0	
DWC_ETH_QOS_GBE	131072	1 swapi_mod	
sec_kernel	122880	0	
DWC_ETH_QOS	114688	0	
veth	16384	0	
mux_drv	20480	0	
pumalbr0flt_drv	16384	0	

```

avm_pa_hw          151552  0
puma_lpal          143360  0
cphp              40960  1 puma_lpal
wifi_proxy_netdev 40960  2 puma_lpal,cphp
dpd_netdev         32768  0
puma7_pp_init     16384  0
hil_drv           73728  1 avm_pa_hw
kdsldmod          1515520 19 userman_mod
cchardev          24576  1 kdsldmod
avm_pp_counter    16384  1 kdsldmod
cprocfsmod        20480  3 kdsldmod,cchardev,avm_pp_counter
sgc_drv           86016  1 avm_pp_counter
pp_drv            352256  8
cable_netdev,DWC_ETH_QOS_GBE,avm_pa_hw,puma_lpal,wifi_proxy_netdev,hil_dr
v,avm_pp_counter,sgc_drv
pdsp_drv          32768  1 pp_drv
Piglet_noemif     45056  0
led_module        196608  6

```

21:30:39 up 9 days, 10:47, load average: 0.10, 0.09, 0.08

```

total      used      free      shared      buffers      cached
Mem:      724632  416248  308384    4420    32076    61588
-/+ buffers/cache: 322584  402048
Swap:      0          0          0

```

slabinfo

slabinfo - version: 2.1

```

# name          <active_objs> <num_objs> <objsize> <objperslab>
<pagesperslab> : tunables <limit> <batchcount> <sharedfactor> : slabdata
<active_slabs> <num_slabs> <sharedavail>
ext4_groupinfo_4k      26      36      112      36      1 : tunables 120 60
8 : slabdata           1          1          0
pcp_item_cfg           4          4          18      216      18      1 : tunables 120 60
8 : slabdata           1          1          0
lisp_prefix            0          0          0          48      83      1 : tunables 120 60
8 : slabdata           0          0          0          48      83      1 : tunables 120 60
lisp_locator           0          0          0          48      83      1 : tunables 120 60
8 : slabdata           0          0          0          224     18      1 : tunables 120 60
lisp_record            0          0          0          184     22      1 : tunables 120 60
8 : slabdata           0          0          0          40      99      1 : tunables 120 60
lisp_address           0          0          0          24     163      1 : tunables 120 60
8 : slabdata           0          0          0          32     124      1 : tunables 120 60
ip6_pingerwaiter      0          0          0          40      99      1 : tunables 120 60
8 : slabdata           0          0          0          48      83      1 : tunables 120 60
ip6_ct_espin           0          0          0          272     15      1 : tunables 54 27
8 : slabdata           0          0          0          16     240      1 : tunables 120 60
ip6_ct_appldatacache  0          0          0          32     124      1 : tunables 120 60
8 : slabdata           0          0          0          112     36      1 : tunables 120 60
ip6_ct_extern          0          0          0          88      46      1 : tunables 120 60
8 : slabdata           0          0          0

```

ip6_neighbour		0	0	72	56	1 : tunables	120	60
8 : slabdata	0	0	0					
ip6_ndisc_router		0	0	40	99	1 : tunables	120	60
8 : slabdata	0	0	0					
ip6_ndisc_prefix		0	0	32	124	1 : tunables	120	60
8 : slabdata	0	0	0					
ip6_destination		0	0	48	83	1 : tunables	120	60
8 : slabdata	0	0	0					
etherarp		2	71	56	71	1 : tunables	120	60
8 : slabdata	1	1	0					
iproutese		3	24	168	24	1 : tunables	120	60
8 : slabdata	1	1	0					
pingerwaiter		0	0	32	124	1 : tunables	120	60
8 : slabdata	0	0	0					
pingerentry		0	0	32	124	1 : tunables	120	60
8 : slabdata	0	0	0					
dnsstaticentry		0	0	16	240	1 : tunables	120	60
8 : slabdata	0	0	0					
dnsmasqentry		0	0	80	50	1 : tunables	120	60
8 : slabdata	0	0	0					
ipsecconnection		0	0	136	30	1 : tunables	120	60
8 : slabdata	0	0	0					
ipsecencap		0	0	2928	2	2 : tunables	24	12
8 : slabdata	0	0	0					
ipsecsa		0	0	80	50	1 : tunables	120	60
8 : slabdata	0	0	0					
ipmasq_espin		0	0	24	163	1 : tunables	120	60
8 : slabdata	0	0	0					
pcp44		5	22	184	22	1 : tunables	120	60
8 : slabdata	1	1	0					
ipmasqaddrinfo		4	163	24	163	1 : tunables	120	60
8 : slabdata	1	1	0					
ipmasqmcsource		0	0	16	240	1 : tunables	120	60
8 : slabdata	0	0	0					
ipmasqmcgroup		0	0	24	163	1 : tunables	120	60
8 : slabdata	0	0	0					
ipmasqapldata		1	124	32	124	1 : tunables	120	60
8 : slabdata	1	1	0					
ipmasqentry		72	234	104	39	1 : tunables	120	60
8 : slabdata	6	6	0					
ipmasqmapping		95	250	80	50	1 : tunables	120	60
8 : slabdata	5	5	0					
ipfragid		0	0	112	36	1 : tunables	120	60
8 : slabdata	0	0	0					
ipaccessrule		14	50	80	50	1 : tunables	120	60
8 : slabdata	1	1	0					
ipaccessset		15	124	32	124	1 : tunables	120	60
8 : slabdata	1	1	0					
datapipe_enotifier		0	0	16	240	1 : tunables	120	60
8 : slabdata	0	0	0					
datapipe_flow		72	332	48	83	1 : tunables	120	60
8 : slabdata	4	4	0					
datapipe_notifier		71	240	16	240	1 : tunables	120	60
8 : slabdata	1	1	0					
datapipe_mod		69	100	80	50	1 : tunables	120	60
8 : slabdata	2	2	0					
datapipe		4	4	10120	1	4 : tunables	8	4
0 : slabdata	4	4	0					
ctimer		90	315	64	63	1 : tunables	120	60
8 : slabdata	5	5	0					

jbd2_1k	0	0	1024	4	1	:	tunables	54	27
8 : slabdata	0	0	0						
btrfs_delayed_data_ref		0	0	88	46	1	:	tunables	120
60 8 : slabdata	0	0	0						
btrfs_delayed_ref_head		0	0	136	30	1	:	tunables	120
60 8 : slabdata	0	0	0						
btrfs_delayed_node	0	0	248	16	1	:	tunables	120	60
8 : slabdata	0	0	0						
btrfs_ordered_extent	0	0	240	17	1	:	tunables	120	60
8 : slabdata	0	0	0						
btrfs_path	0	0	80	51	1	:	tunables	120	60
8 : slabdata	0	0	0						
btrfs_transaction	0	0	264	15	1	:	tunables	54	27
8 : slabdata	0	0	0						
btrfs_inode	0	0	688	5	1	:	tunables	54	27
8 : slabdata	0	0	0						
ip6-frags	0	0	160	25	1	:	tunables	120	60
8 : slabdata	0	0	0						
RAWv6	6	8	896	4	1	:	tunables	54	27
8 : slabdata	2	2	0						
UDIPv6	47	54	832	9	2	:	tunables	54	27
8 : slabdata	6	6	0						
tw_sock_TCPv6	0	0	200	20	1	:	tunables	120	60
8 : slabdata	0	0	0						
request_sock_TCPv6	0	0	248	16	1	:	tunables	120	60
8 : slabdata	0	0	0						
TCPv6	22	28	1728	4	2	:	tunables	24	12
8 : slabdata	7	7	0						
sgpool-128	2	3	2560	3	2	:	tunables	24	12
8 : slabdata	1	1	0						
sgpool-64	2	3	1280	3	1	:	tunables	24	12
8 : slabdata	1	1	0						
sgpool-32	2	6	640	6	1	:	tunables	54	27
8 : slabdata	1	1	0						
bsg_cmd	0	0	288	14	1	:	tunables	54	27
8 : slabdata	0	0	0						
mqueue_inode_cache	2	7	576	7	1	:	tunables	54	27
8 : slabdata	1	1	0						
udf_inode_cache	0	0	456	8	1	:	tunables	54	27
8 : slabdata	0	0	0						
fuse_request	0	0	280	14	1	:	tunables	54	27
8 : slabdata	0	0	0						
fuse_inode	0	0	512	8	1	:	tunables	54	27
8 : slabdata	0	0	0						
antfs_inode	0	0	576	7	1	:	tunables	54	27
8 : slabdata	0	0	0						
hfsplus_attr_cache	0	0	3840	1	1	:	tunables	24	12
8 : slabdata	0	0	0						
hfsplus_icache	0	0	576	7	1	:	tunables	54	27
8 : slabdata	0	0	0						
isofs_inode_cache	0	0	376	10	1	:	tunables	54	27
8 : slabdata	0	0	0						
fat_inode_cache	0	0	432	9	1	:	tunables	54	27
8 : slabdata	0	0	0						
fat_cache	0	0	24	163	1	:	tunables	120	60
8 : slabdata	0	0	0						
squashfs_inode_cache	1362	1368	448	9	1	:	tunables	54	27
8 : slabdata	152	152	0						
jbd2_transaction_s	3	21	192	21	1	:	tunables	120	60
8 : slabdata	1	1	0						

jbd2_journal_head	4	63	64	63	1	:	tunables	120	60
8 : slabdata	1	1	0						
jbd2_revoke_table_s	4	240	16	240	1	:	tunables	120	60
8 : slabdata	1	1	0						
jbd2_revoke_record_s	0	0	32	124	1	:	tunables	120	60
8 : slabdata	0	0	0						
ext4_inode_cache	106	108	672	6	1	:	tunables	54	27
8 : slabdata	18	18	0						
ext4_allocation_context		1	39	104	39	:	tunables	120	
60 8 : slabdata	1	1	0						
ext4_prealloc_space	4	56	72	56	1	:	tunables	120	60
8 : slabdata	1	1	0						
ext4_extent_status	102	124	32	124	1	:	tunables	120	60
8 : slabdata	1	1	0						
mbcache	0	0	40	99	1	:	tunables	120	60
8 : slabdata	0	0	0						
kioctx	0	0	448	9	1	:	tunables	54	27
8 : slabdata	0	0	0						
posix_timers_cache	32	69	176	23	1	:	tunables	120	60
8 : slabdata	3	3	0						
ip4-frags	0	0	168	24	1	:	tunables	120	60
8 : slabdata	0	0	0						
flow_cache	0	0	104	39	1	:	tunables	120	60
8 : slabdata	0	0	0						
xfrm_dst_cache	2	12	320	12	1	:	tunables	54	27
8 : slabdata	1	1	0						
RAW	9	22	704	11	2	:	tunables	54	27
8 : slabdata	2	2	0						
tw_sock_TCP	17	20	200	20	1	:	tunables	120	60
8 : slabdata	1	1	0						
request_sock_TCP	3	16	248	16	1	:	tunables	120	60
8 : slabdata	1	1	0						
TCP	50	50	1600	5	2	:	tunables	24	12
8 : slabdata	10	10	0						
hugetlbfs_inode_cache	1	11	344	11	1	:	tunables	54	27
8 : slabdata	1	1	0						
eventpoll_pwq	390	495	40	99	1	:	tunables	120	60
8 : slabdata	5	5	0						
inotify_inode_mark	6	71	56	71	1	:	tunables	120	60
8 : slabdata	1	1	0						
avm_pa_sg_id	228	480	16	240	1	:	tunables	120	60
8 : slabdata	2	2	0						
request_queue	33	33	1232	3	1	:	tunables	24	12
8 : slabdata	11	11	0						
blkdev_requests	36	38	208	19	1	:	tunables	120	60
8 : slabdata	2	2	0						
biovec-max	70	70	3072	2	2	:	tunables	24	12
8 : slabdata	35	35	0						
biovec-128	0	0	1536	5	2	:	tunables	24	12
8 : slabdata	0	0	0						
sock_inode_cache	402	420	384	10	1	:	tunables	54	27
8 : slabdata	42	42	0						
generic_ct	73	480	16	240	1	:	tunables	120	60
8 : slabdata	2	2	0						
skbuff_intel_cookie_cache	9633	10955	768	5	1	:	tunables	54	
27 8 : slabdata	2191	2191	0						
file_lock_cache	5	34	120	34	1	:	tunables	120	60
8 : slabdata	1	1	0						
shmem_inode_cache	1384	1400	392	10	1	:	tunables	54	27
8 : slabdata	140	140	0						

pool_workqueue	21	32	256	16	1	:	tunables	120	60
8 : slabdata	2	2	0						
proc_inode_cache	3145	3220	384	10	1	:	tunables	54	27
8 : slabdata	322	322	189						
sigqueue	56	56	144	28	1	:	tunables	120	60
8 : slabdata	2	2	0						
bdev_cache	52	64	512	8	1	:	tunables	54	27
8 : slabdata	8	8	0						
kernfs_node_cache	23476	23520	72	56	1	:	tunables	120	60
8 : slabdata	420	420	0						
inode_cache	3982	3982	344	11	1	:	tunables	54	27
8 : slabdata	362	362	0						
dentry	11232	11808	128	32	1	:	tunables	120	60
8 : slabdata	369	369	480						
buffer_head	23812	23856	56	71	1	:	tunables	120	60
8 : slabdata	336	336	0						
vm_area_struct	4828	5152	88	46	1	:	tunables	120	60
8 : slabdata	112	112	360						
mm_struct	104	104	512	8	1	:	tunables	54	27
8 : slabdata	13	13	0						
files_cache	112	112	256	16	1	:	tunables	120	60
8 : slabdata	7	7	0						
signal_cache	238	238	576	7	1	:	tunables	54	27
8 : slabdata	34	34	0						
sighand_cache	210	210	1344	3	1	:	tunables	24	12
8 : slabdata	70	70	0						
task_struct	240	240	1984	2	1	:	tunables	24	12
8 : slabdata	120	120	0						
cred_jar	384	384	128	32	1	:	tunables	120	60
8 : slabdata	12	12	0						
Acpi-State	3019	3154	48	83	1	:	tunables	120	60
8 : slabdata	38	38	0						
Acpi-Namespace	1777	1956	24	163	1	:	tunables	120	60
8 : slabdata	12	12	0						
anon_vma_chain	6543	6944	32	124	1	:	tunables	120	60
8 : slabdata	56	56	480						
anon_vma	4954	5312	48	83	1	:	tunables	120	60
8 : slabdata	64	64	84						
pid	378	378	64	63	1	:	tunables	120	60
8 : slabdata	6	6	0						
radix_tree_node	1041	1053	304	13	1	:	tunables	54	27
8 : slabdata	81	81	0						
idr_layer_cache	181	189	1072	7	2	:	tunables	24	12
8 : slabdata	27	27	0						
task_group	47	60	384	10	1	:	tunables	54	27
8 : slabdata	6	6	0						
dma-kmalloc-33554432	0	0	0	33554432	1	8192	:	tunables	1
1 0 : slabdata	0	0	0						
dma-kmalloc-16777216	0	0	0	16777216	1	4096	:	tunables	1
1 0 : slabdata	0	0	0						
dma-kmalloc-8388608	0	0	8388608	1	2048	:	tunables	1	1
0 : slabdata	0	0	0						
dma-kmalloc-4194304	0	0	4194304	1	1024	:	tunables	1	1
0 : slabdata	0	0	0						
dma-kmalloc-2097152	0	0	2097152	1	512	:	tunables	1	1
0 : slabdata	0	0	0						
dma-kmalloc-1048576	0	0	1048576	1	256	:	tunables	1	1
0 : slabdata	0	0	0						
dma-kmalloc-524288	0	0	524288	1	128	:	tunables	1	1
0 : slabdata	0	0	0						

dma-kmalloc-262144	0	0	262144	1	64	: tunables	1	1
0 : slabdata	0	0	0					
dma-kmalloc-131072	0	0	131072	1	32	: tunables	8	4
0 : slabdata	0	0	0					
dma-kmalloc-65536	0	0	65536	1	16	: tunables	8	4
0 : slabdata	0	0	0					
dma-kmalloc-32768	0	0	32768	1	8	: tunables	8	4
0 : slabdata	0	0	0					
dma-kmalloc-16384	0	0	16384	1	4	: tunables	8	4
0 : slabdata	0	0	0					
dma-kmalloc-8192	0	0	8192	1	2	: tunables	8	4
0 : slabdata	0	0	0					
dma-kmalloc-4096	0	0	4096	1	1	: tunables	24	12
8 : slabdata	0	0	0					
dma-kmalloc-2048	0	0	2048	2	1	: tunables	24	12
8 : slabdata	0	0	0					
dma-kmalloc-1024	0	0	1024	4	1	: tunables	54	27
8 : slabdata	0	0	0					
dma-kmalloc-512	0	0	512	8	1	: tunables	54	27
8 : slabdata	0	0	0					
dma-kmalloc-256	0	0	256	16	1	: tunables	120	60
8 : slabdata	0	0	0					
dma-kmalloc-128	0	0	128	32	1	: tunables	120	60
8 : slabdata	0	0	0					
dma-kmalloc-64	0	0	64	64	1	: tunables	120	60
8 : slabdata	0	0	0					
dma-kmalloc-32	0	0	32	124	1	: tunables	120	60
8 : slabdata	0	0	0					
dma-kmalloc-192	0	0	192	21	1	: tunables	120	60
8 : slabdata	0	0	0					
dma-kmalloc-96	0	0	128	32	1	: tunables	120	60
8 : slabdata	0	0	0					
kmalloc-33554432	0	0	33554432	1	8192	: tunables	1	1
0 : slabdata	0	0	0					
kmalloc-16777216	0	0	16777216	1	4096	: tunables	1	1
0 : slabdata	0	0	0					
kmalloc-8388608	0	0	8388608	1	2048	: tunables	1	1
0 : slabdata	0	0	0					
kmalloc-4194304	0	0	4194304	1	1024	: tunables	1	1
0 : slabdata	0	0	0					
kmalloc-2097152	1	1	2097152	1	512	: tunables	1	1
0 : slabdata	1	1	0					
kmalloc-1048576	0	0	1048576	1	256	: tunables	1	1
0 : slabdata	0	0	0					
kmalloc-524288	3	3	524288	1	128	: tunables	1	1
0 : slabdata	3	3	0					
kmalloc-262144	5	5	262144	1	64	: tunables	1	1
0 : slabdata	5	5	0					
kmalloc-131072	8	8	131072	1	32	: tunables	8	4
0 : slabdata	8	8	0					
kmalloc-65536	18	18	65536	1	16	: tunables	8	4
0 : slabdata	18	18	0					
kmalloc-32768	39	39	32768	1	8	: tunables	8	4
0 : slabdata	39	39	0					
kmalloc-16384	82	82	16384	1	4	: tunables	8	4
0 : slabdata	82	82	0					
kmalloc-8192	121	121	8192	1	2	: tunables	8	4
0 : slabdata	121	121	0					
kmalloc-4096	318	318	4096	1	1	: tunables	24	12
8 : slabdata	318	318	0					

kmalloc-2048	466	466	2048	2	1	:	tunables	24	12
8 : slabdata	233	233	0						
kmalloc-1024	848	848	1024	4	1	:	tunables	54	27
8 : slabdata	212	212	0						
kmalloc-512	2090	2264	512	8	1	:	tunables	54	27
8 : slabdata	283	283	27						
kmalloc-256	11669	14528	256	16	1	:	tunables	120	60
8 : slabdata	908	908	60						
kmalloc-192	2931	3486	192	21	1	:	tunables	120	60
8 : slabdata	166	166	420						
kmalloc-128	1321	1344	128	32	1	:	tunables	120	60
8 : slabdata	42	42	0						
kmalloc-96	2788	2848	128	32	1	:	tunables	120	60
8 : slabdata	89	89	0						
kmalloc-32	14074	14136	32	124	1	:	tunables	120	60
8 : slabdata	114	114	60						
kmalloc-node	6835	7232	64	64	1	:	tunables	120	60
8 : slabdata	113	113	0						
kmem_cache	175	192	128	32	1	:	tunables	120	60
8 : slabdata	6	6	0						

meminfo

MemTotal:	724632 kB
MemFree:	308384 kB
MemAvailable:	367108 kB
Buffers:	32076 kB
Cached:	61588 kB
SwapCached:	0 kB
Active:	70772 kB
Inactive:	40336 kB
Active(anon):	28412 kB
Inactive(anon):	1952 kB
Active(file):	42360 kB
Inactive(file):	38384 kB
Unevictable:	10528 kB
Mlocked:	10544 kB
HighTotal:	0 kB
HighFree:	0 kB
LowTotal:	724632 kB
LowFree:	308384 kB
SwapTotal:	0 kB
SwapFree:	0 kB
Dirty:	0 kB
Writeback:	0 kB
AnonPages:	27984 kB
Mapped:	29224 kB
Shmem:	4420 kB
Slab:	41548 kB
SReclaimable:	6788 kB
SUnreclaim:	34760 kB
KernelStack:	1696 kB
PageTables:	1140 kB
NFS_Unstable:	0 kB
Bounce:	0 kB
WritebackTmp:	0 kB
CommitLimit:	362316 kB
Committed_AS:	322352 kB
VmallocTotal:	1052664 kB
VmallocUsed:	0 kB
VmallocChunk:	0 kB
AnonHugePages:	0 kB

```

ShmemHugePages:      0 kB
ShmemPmdMapped:     0 kB
CmaTotal:           98304 kB
CmaFree:            53780 kB
HugePages_Total:    0
HugePages_Free:     0
HugePages_Rsvd:     0
HugePages_Surp:     0
Hugepagesize:       4096 kB
DirectMap4k:        81784 kB
DirectMap4M:        675840 kB

```

buddyinfo

```

Node 0, zone DMA      1      2      1      2      1      1      1
0      1      1      2      0      0      0
Node 0, zone Normal  741  335  109  101  102   55   24
10     7     2     1     4     1     6

```

```

drwxr-xr-x  14 root    root    2860 Dec  8 21:30 .
drwxr-xr-x  14 root    root    242 Jun  1 2021 ..
-rw-r--r--   1 root    root    404 Jan  1 1970 .CRWWLANMAP
-rw-r--r--   1 root    root  22752 Jan  1 1970 .IKEAPI-CSTAT
-rw-r--r--   1 root    root   7392 Jan  1 1970 .IKEAPI-NSTAT
-rw-r--r--   1 root    root  27216 Jan  1 1970 .IKEAPI-SSTAT
-rw-r--r--   1 root    root   3560 Jan  1 1970 .SHMUSBDEVICES
-rw-rw-rw-   1 root    root 200704 Jan  1 1970 .ar7events
-rw-r--r--   1 root    root 116160 Jan  1 1970 .dsl_d_statsimple
-rw-r--r--   1 root    root    216 Jan  1 1970 .inetstat
-rw-r--r--   1 root    root   8192 Jan  1 1970
.srb_avm_reporting
-rw-rw-rw-   1 root    root  16384 Nov 29 10:49 .srb_avmdb
-rw-r--r--   1 root    root  32768 Jan  1 1970 .srb_avmeventdsl
-rw-r--r--   1 root    root  32768 Jan  1 1970
.srb_backendmails
-rw-r--r--   1 root    root   4096 Jan  1 1970 .srb_chronyctl
-rw-r--r--   1 root    root  12288 Jan  1 1970 .srb_cloudmsgd
-rw-r--r--   1 root    root   4096 Jan  1 1970 .srb_dnssd
-rw-r--r--   1 root    root   4096 Jan  1 1970 .srb_dnssdbest
-rw-r--r--   1 root    root  16384 Jan  1 1970 .srb_invite
-rw-r--r--   1 root    root   8192 Jan  1 1970 .srb_l2tpv3
-rw-r--r--   1 root    root   4096 Jan  1 1970 .srb_lan_pairing
-rw-r--r--   1 root    root   8192 Jan  1 1970
.srb_landevicesnexus
-rw-r--r--   1 root    root   8192 Jan  1 1970
.srb_landevicesupnp
-rw-r--r--   1 root    root  65536 Dec  6 20:05 .srb_log
-rw-r--r--   1 root    root  32768 Dec  3 13:45 .srb_mailbuilder
-rw-r--r--   1 root    root  65536 Nov 29 18:16 .srb_meshd_log
-rw-r--r--   1 root    root   8192 Jan  1 1970 .srb_nexus
-rw-r--r--   1 root    root   8192 Jan  1 1970 .srb_pcp
-rw-r--r--   1 root    root   4096 Nov 30 21:42 .srb_pcpd
-rw-r--r--   1 root    root  65536 Jan  1 1970 .srb_sip
-rw-r--r--   1 root    root  65536 Dec  6 19:28 .srb_sson
-rw-r--r--   1 root    root  12288 Dec  5 20:44 .srb_tr069
-rw-r--r--   1 root    root   8192 Nov 29 10:47 .srb_tr069_avm
-rw-r--r--   1 root    root   4096 Jan  1 1970 .srb_umts
-rw-r--r--   1 root    root  16384 Jan  1 1970 .srb_upnp_access
-rw-r--r--   1 root    root  16384 Jan  1 1970 .srb_upnp_error
-rw-r--r--   1 root    root   4096 Jan  1 1970 .srb_voipbackup
-rw-r--r--   1 root    root  16384 Nov 29 10:49 .srb_waccess
-rw-r--r--   1 root    root  16384 Nov 29 15:16 .srb_werror
-rw-r--r--   1 root    root    12 Jan  1 1970 .tr069stat

```

```

-rw-r--r--    1 root    root                32 Jan  1 1970
.var.tmp.cableinfo.log-crwlock
-rw-r--r--    1 root    root                32 Jan  1 1970
.var.tmp.msrv4.log-crwlock
-rw-r--r--    1 root    root                32 Jan  1 1970
.var.tmp.tcloud.log-crwlock
-rw-r--r--    1 root    root                32 Jan  1 1970
.var.updatecheck.log-crwlock
-rw-r--r--    1 root    root            212984 Jan  1 1970
.voipd_statsimple
-rw-r--r--    1 root    root                32 Jan  1 1970 CRWWLANMAP-
crwlock
lrwxrwxrwx    1 root    root                28 Dec  8 21:30 Country_iso ->
/etc/default.049/Country_iso
-rw-r--r--    1 root    root                32 Jan  1 1970 IKEAPI-CSTAT-
crwlock
-rw-r--r--    1 root    root                32 Jan  1 1970 IKEAPI-NSTAT-
crwlock
-rw-r--r--    1 root    root                32 Jan  1 1970 IKEAPI-SSTAT-
crwlock
lrwxrwxrwx    1 root    root                14 Jan  1 1970 InternerSpeicher
-> /var/media/ftp
-rw-r--r--    1 root    root                32 Jan  1 1970 SHMUSBDEVICES-
crwlock
lrwxrwxrwx    1 root    root                19 Dec  8 21:30 TZ ->
/etc/default.049/TZ
-rw-r--r--    1 root    root                1 Jan  1 1970 USB-dev-bus-usb-
001-001-hub
-rw-r--r--    1 root    root                1 Jan  1 1970 USB-dev-bus-usb-
002-001-hub
-rw-r--r--    1 root    root                14 Jan  1 1970 bootid
-rw-r--r--    1 root    root            2450 Jan  1 1970 config.def
-rw-r--r--    1 root    root                422 Jan  1 1970
ctlmgr_moduleinfo.dat
lrwxrwxrwx    1 root    root                29 Jan  1 1970 default ->
/etc/default.Fritz_Box_HW233x
drwxr-xr-x    2 root    root                40 Jun  1 2021 dev
lrwxrwxrwx    1 root    root                19 Jan  1 1970 devices ->
/var/tmp/usbdevices
-rw-r--r--    1 root    root                32 Jan  1 1970 dsld_statsimple-
crwlock
-rwx-----    1 root    root                0 Dec  8 21:22 ec_stats_act
-rwx-----    1 root    root                0 Dec  8 21:22 ec_stats_indtr
-rw-r--r--    1 root    root            1156 Dec  8 21:30 env
-rw-r--r--    1 root    root           10389 Jan  1 1970 env.cache
-rw-r--r--    1 root    root            7346 Jan  1 1970
environment.cache
-rw-r--r--    1 root    root            5740 Jan  1 1970
esos_extswitch_driver
-rw-r--r--    1 root    root            1332 Jan  1 1970 ethphy_driver
-rw-rw-rw-    1 root    root                4 Dec  8 21:20 events_changed
lrwxrwxrwx    1 root    root                15 Jan  1 1970 flash ->
/nvram/avm_tffs
lrwxrwxrwx    1 root    root                31 Jan  1 1970 flash.html ->
/var/html/html/tools/flash.html
lrwxrwxrwx    1 root    root                31 Jan  1 1970 fx_moh ->
/etc/default.049/fx_moh.default
drwxr-xr-x    2 root    root                40 Jan  1 1970 gcov
-rw-r--r--    1 root    root            157 Jan  1 1970
guest_ingress_filter.tc

```

```

lrwxrwxrwx    1 root    root    12 Jan  1 1970 html ->
/usr/www/lgi
lrwxrwxrwx    1 root    root    20 Jan  1 1970 html.myfritz ->
/usr/www.myfritz/lgi
lrwxrwxrwx    1 root    root    16 Jan  1 1970 html.nas ->
/usr/www.nas/lgi
lrwxrwxrwx    1 root    root    19 Dec  8 21:30 htmltext.db ->
/etc/htmltext_de.db
-rw-r--r--    1 root    root    32 Jan  1 1970 inetstat-crwlock
-rwx-----    1 root    root    16 Jan  1 1970
itstore_shared_memory
-rw-r--r--    1 root    root    437 Dec  8 02:15
jason_boxinfo.xml
-rw-r--r--    1 root    root    664 Dec  8 02:15 juis_boxinfo.xml
-rw-r--r--    1 root    root    9 Dec  8 18:12 lanifaces
drwxr-xr-x    2 root    root    60 Dec  8 21:22 lock
drwxr-xr-x    2 root    root    100 Jan  1 1970 log
drwxr-xr-x    3 root    root    80 Jan  1 1970 media
lrwxrwxrwx    1 root    root    15 Jan  1 1970 mediapath ->
/var/media/ftp/
-rwxr-xr-x    1 root    root    5020 Jun  1 2021 post_install
-rwxr-xr-x    1 root    root    5020 Jun  1 2021
post_install.template
drwxrwxrwx    2 root    root    60 Jan  1 1970 ptestd
drwxrwxrwt    2 root    root    40 Jan  1 1970 remote
drwxr-xr-x    2 root    root    120 Jan  1 1970 rpc
drwxr-xr-x    7 root    root    760 Nov 29 19:58 run
-rw-r--r--    1 root    root    16 Jan  1 1970 sem..IKEAPI-
CSTAT.sem
-rw-r--r--    1 root    root    16 Jan  1 1970 sem..IKEAPI-
NSTAT.sem
-rw-r--r--    1 root    root    16 Jan  1 1970 sem..IKEAPI-
SSTAT.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..SHMUSBDEVICES.sem
-rw-rw-rw-    1 root    root    16 Jan  1 1970
sem..ar7events.sem
-rw-r--r--    1 root    root    16 Dec  8 21:22
sem..dsl_dstatsimple.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..inetstat.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_avm_reporting.sem
-rw-rw-rw-    1 root    root    16 Nov 29 10:49
sem..srb_avmdb.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_avmeventdsl.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_backendmails.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_chronyctl.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_cloudmsgd.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_dnspd.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_dnsdbest.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_invite.sem

```

```

-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_lan_pairing.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_landevicesnexus.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_landevicesupnp.sem
-rw-r--r--    1 root    root    16 Jan  1 1970 sem..srb_log.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_mailbuilder.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_nexus.sem
-rw-r--r--    1 root    root    16 Nov 30 21:42
sem..srb_pcpd.sem
-rw-r--r--    1 root    root    16 Jan  1 1970 sem..srb_sip.sem
-rw-r--r--    1 root    root    16 Nov 29 10:49
sem..srb_sson.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_tr069.sem
-rw-r--r--    1 root    root    16 Nov 29 10:47
sem..srb_tr069_avm.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_umts.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_upnp_access.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_upnp_error.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_voipbackup.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_waccess.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..srb_werror.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..tr069stat.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem..voipd_statsimple.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem.Changelist_Sema.sem
-rw-r--r--    1 root    root    16 Jan  1 1970
sem.fc_config.sem
-rw-r--r--    1 root    root    16 Jan  1 1970 sem.notifyd.sem
-rw-r--r--    1 root    root    16 Jan  1 1970 sem.ontel.sem
-rw-r--r--    1 root    root    16 Jan  1 1970 sem.pbd.sem
drwxr-xr-x    2 root    root    80 Jan  1 1970 tam
drwxr-xr-x    7 root    root    3500 Dec  8 21:30 tmp
-rw-r--r--    1 root    root    32 Jan  1 1970 tr069stat-
crwlock
-rw-r--r--    1 root    root    1009 Dec  7 15:56 updatecheck.log
-rw-r--r--    1 root    root    32 Jan  1 1970
voipd_statsimple-crwlock
drwxrwxrwt    2 root    root    60 Jan  1 1970 volatile
-rw-r--r--    1 root    root    1056 Jan  1 1970 wan-erouter0.tc
-rw-r--r--    1 root    root    158 Jan  1 1970 wan-lbr0-
change.tc
-rw-r--r--    1 root    root    1004 Jan  1 1970 wan-lbr0.tc
/var/tmp:
drwxr-xr-x    7 root    root    3500 Dec  8 21:30 .
drwxr-xr-x   14 root    root    2860 Dec  8 21:30 ..
-rw-rw-rw-    1 root    root    4 Nov 29 10:49 .upnpstationcfg

```

-rw-r--r--	1	root	root	2734	Jan	1	1970	
MediaServerDevDesc-xbox.xml								
-rw-r--r--	1	root	root	3199	Nov	29	19:58	
MediaServerDevDesc.xml								
-rw-r--r--	1	root	root	215	Jan	1	1970	
acfg_wps_dev_ath0.conf								
-rw-r--r--	1	root	root	215	Jan	1	1970	
acfg_wps_dev_ath1.conf								
-rw-r--r--	1	root	root	0	Jan	1	1970	apps.map
drwxr-xr-x	2	root	root	60	Jan	1	1970	aseclogs
-rw-r--r--	1	root	root	47	Dec	8	19:49	avm-resolv.conf
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_Auth.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_CtlmgrTimerConfig.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	avmnexus_Fon.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_MacList.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_Mailer.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_MeshConfig.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_NetworkDevices.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_OnTelNexus.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_Phonebook.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_PhonebookEvent.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_RemoteEventlog.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_UpdateCheck.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_WLANConfigMaster.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_WLANStationExchangeMaster.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_aha::ep::oldapi.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_boxnotify.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexus_meshd.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	avmnexusd.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	
avmnexusd_cfg.ctl								
-rw-r--r--	1	root	root	1132	Dec	8	21:15	avmnexusdesc.xml
srwxr-xr-x	1	root	root	0	Jan	1	1970	boxnotify
drwxr-xr-x	2	root	root	40	Jun	1	2021	bugreport
-rw-r--r--	1	root	root	47	Jan	1	1970	cableinfo.log
-rw-r--r--	1	root	root	437	Jan	1	1970	cableinfo.status
-rw-r--r--	1	root	root	4	Jan	1	1970	cableinfo.table2
-rw-r--r--	1	root	root	261	Nov	29	10:47	chrony.conf
-rw-r--r--	1	root	root	42	Dec	8	21:29	chrony.drift
-rw-r--r--	1	root	root	6	Jan	1	1970	chrony.keys
drwxr-xr-x	2	root	root	60	Jan	1	1970	csem
-rw-r--r--	1	root	root	29	Nov	29	19:58	ddnsdomains.txt
-rw-r--r--	1	root	root	15551	Dec	8	04:01	ddnslog_1.txt
-rw-r--r--	1	root	root	113	Dec	8	04:01	ddnsstat.txt

```

-rw-r--r--      1 root      root                76 Dec  8 21:08 dnsd_servers
-rw-r--r--      1 root      root            6288 Jan  1 1970 dnsddebug.txt
-rw-r--r--      1 root      root                571 Dec  8 21:20
dnsddyns.default.cfg
-rwx-----      1 root      root            4700 Dec  8 21:08
dynamic_policy.sh
-rw-r--r--      1 root      root                106 Jan  1 1970
edocsis.state.avmipc
-rw-----      1 root      root                 0 Jan  1 1970 ethphy_sem
-rw-----      1 root      root                 0 Jan  1 1970 extswitch_sem
-rw-r--r--      1 root      root            1128 Dec  8 18:15 fboxdesc.xml
-rw-r--r--      1 root      root                512 Dec  8 21:30 filt.sed
-rw-----      1 root      root                 0 Jan  1 1970
firmware_update.lockfile
srwxr-xr-x      1 root      root                 0 Jan  1 1970 foncontrol
-rw-r--r--      1 root      root                 5 Nov 29 10:49 fritznasdb.pid
-rw-rw-r--      1 root      root            6144 Nov 29 10:49
fritznasdb_main.db3
-rw-r--r--      1 root      root                 75 Jun  1 2021 group
srwxr-xr-x      1 root      root                 0 Jan  1 1970 homeauto
-rw-r--r--      1 root      root                 20 Jun  1 2021 hosts
-rw-r--r--      1 root      root                 0 Jan  1 1970 icc_handle
-rw-r--r--      1 root      root            3572 Dec  8 17:54 igd2desc.xml
-rw-r--r--      1 root      root            3521 Dec  8 21:07 igddesc.xml
-rw-r--r--      1 root      root                 0 Jan  1 1970 inetd.conf
-rw-r--r--      1 root      root                 0 Dec  8 21:00
kpi_sliding_window
-rw-r--r--      1 root      root                 12 Jan  1 1970 l2tpstat
-rw-r--r--      1 root      root            1102 Nov 29 19:58 l2tpv3.xml
-rw-r--r--      1 root      root                 15 Dec  8 21:30 l2tpv3d.txt
-rw-r--r--      1 root      root                 0 Jan  1 1970
letsencrypt.account
-rw-r--r--      1 root      root                 0 Jan  1 1970
letsencrypt_key.pem
-rwxrwxrwx      1 root      root                418 Jan  1 1970
load_userman_mod.sh
srwxr-xr-x      1 root      root                 0 Jan  1 1970
me_AHAKPIReceiver.ctl
srwxr-xr-x      1 root      root                 0 Jan  1 1970
me_DECTKPIReceiver.ctl
srwxr-xr-x      1 root      root                 0 Jan  1 1970 me_KPI.ctl
srwxr-xr-x      1 root      root                 0 Jan  1 1970 me_L2TPV3.ctl
srwxr-xr-x      1 root      root                 0 Jan  1 1970 me_TR064.ctl
srwxr-xr-x      1 root      root                 0 Jan  1 1970
me_TR069_AVM_CLIENT.ctl
srwxr-xr-x      1 root      root                 0 Jan  1 1970
me_WLAN_LIB_NEXUS.ctl
srwxr-xr-x      1 root      root                 0 Jan  1 1970 me__anony2618-
2282168723.ctl
srwxr-xr-x      1 root      root                 0 Jan  1 1970 me__anony2618-
4059619010.ctl
srwxr-xr-x      1 root      root                 0 Jan  1 1970 me__anony3515-
1528443969.ctl
srwxr-xr-x      1 root      root                 0 Jan  1 1970 me__anony4118-
949030480.ctl
srwxr-xr-x      1 root      root                 0 Jan  1 1970 me__anony4325-
3061935355.ctl
srwxr-xr-x      1 root      root                 0 Jan  1 1970 me_atom_pucd.ctl
srwxr-xr-x      1 root      root                 0 Jan  1 1970
me_avm_home_external.ctl

```

srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_avmipc_state.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_avmipcd.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_avmnexusd.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_avmnexusdesc.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_cableinfo.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_cr_handler_prov.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_ctlmgr-pcp-2597.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_ctlmgr.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_ctlmgrtimer.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_ddnsd.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_deviceinfod.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_dhcpv6info.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_dsld-pcp-3299.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_dsld.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_dvbif.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_extswitch_watch.ctl								
srwxrwxrwx	1	root	root	0	Nov	29	10:49	
me_fritznasdb.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_igd.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_igd2.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_kpi_name_receiver.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_kpid.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_l2tpv3d.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_logic.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_meshconfig_client_regevent.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_meshconfig_server_regevent.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_meshd.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_multid-pcp-3022.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_multid.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_nexus_fon_server.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_pcpd-pcp-3274.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_pcpd.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_pumaupdatetrace.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_remote.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_systemKPIReceiver.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_tfa_dtmf.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_tr064srv.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_upnpd.ctl
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_upnpd_stream.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	
me_upnpfboxdesc.ctl								
srwxr-xr-x	1	root	root	0	Jan	1	1970	me_usbinfod.ctl


```

srwxr-xr-x    1 root    root          0 Jan  1  1970 me_usermand.ctl
srwxr-xr-x    1 root    root          0 Jan  1  1970 me_voipd.ctl
srwxr-xr-x    1 root    root          0 Jan  1  1970 me_vpnd.ctl
-rw-r--r--    1 root    root          6 Jan  1  1970 meshrole
-rw-r--r--    1 root    root        15740 Dec  8 10:08 msrv4.log
-rw-r--r--    1 root    root         1196 Jan  1  1970 nexus_cert.pem
-rw-r--r--    1 root    root         1766 Jan  1  1970 nexus_key.pem
-rw-r--r--    1 root    root          0 Jun  1  2021 nohup.out
srwxr-xr-x    1 root    root          0 Jan  1  1970 notifyd_msg
-rw-r--r--    1 root    root          412 Jan  1  1970 passwd
srwxr-xr-x    1 root    root          0 Jan  1  1970 pb_event
srwxr-xr-x    1 root    root          0 Jan  1  1970 pbctrl
srwxr-xr-x    1 root    root          0 Jan  1  1970 pbmsg
-rw-r--r--    1 root    root          22 Nov 29 19:58 pcpserver
-rw-----    1 root    root          6 Jan  1  1970 ppPolicy.cfg
-rw-r--r--    1 root    root          3 Jan  1  1970 psetd.irq
-rw-r--r--    1 root    root          1 Jan  1  1970 psupport.data
srwxrwxrwx    1 root    root          0 Jan  1  1970 ptestd_pipe
-rw-r--r--    1 root    root          21 Jan  1  1970 resolv.conf
-rw-r--r--    1 root    root          53 Dec  8 20:45 runclock.out
srw-----    1 root    root          0 Jan  1  1970
sec_pm_daemon_socket
-rw-----    1 root    root          0 Dec  8 21:08 service_priority
-rw-r--r--    1 root    root          26 Jun  1  2021 shadow
-rw-r--r--    1 root    root        1166 Dec  8 21:30
showportsopentolan0.slab
-rw-r--r--    1 root    root          0 Dec  8 21:30
showportsopentolan0.slab.done
srwxr-xr-x    1 root    root          0 Jan  1  1970
supervisor.ctrl.socket
srwxr-xr-x    1 root    root          0 Jan  1  1970
supervisor.notify.socket
srwxr-xr-x    1 root    root          0 Jan  1  1970 tamlua
-rw-r--r--    1 root    root        267 Nov 29 19:58 tcloud.log
srwxr-xr-x    1 root    root          0 Jan  1  1970 tel_ipc
srwxr-xr-x    1 root    root          0 Jan  1  1970
telefon_aha_socket
-rw-r--r--    1 root    root        13480 Nov 29 19:58 tr64desc.xml
drwxr-xr-x    2 root    root          40 Jan  1  1970 tv
-rw-r--r--    1 root    root          3 Dec  7 15:56 updatecheck
drwxr-xr-x    2 root    root          40 Jun  1  2021 upnpwebsrv
-rw-r--r--    1 root    root          936 Dec  8 21:22 usbdevices
-rw-r--r--    1 root    root          0 Jan  1  1970 usbhostup
-rw-r--r--    1 root    root          52 Jan  1  1970 users.acl
-rw-r--r--    1 root    root          38 Jan  1  1970 users.map
-rw-r--r--    1 root    root          253 Jan  1  1970 webdav.log
-rw-r--r--    1 root    root          0 Jan  1  1970 webdav.online
-rw-r--r--    1 root    root        1424 Nov 29 19:58
websrv_ssl_cert.pem
-rw-r--r--    1 root    root         5748 Dec  7 21:47 wlan_dynamic.cfg
-rw-r--r--    1 root    root         5741 Dec  7 21:47 wlan_roles
-rw-r--r--    1 root    root        17696 Dec  8 21:22
wlan_trace_out.b64
srwxr-xr-x    1 root    root          0 Jan  1  1970
wlancsi_async.socket
srwxr-xr-x    1 root    root          0 Jan  1  1970
wlancsi_listener_1016697f4880602c619790.socket
srwxr-xr-x    1 root    root          0 Dec  2 09:21
wlancsi_listener_a3a6df5ea403e14a305bc71e.socket

```

```

srwxr-xr-x    1 root    root                0 Jan  1 1970
wlancsi_listener_a3a6df5ea40467741e89.socket
-rw-r--r--    1 root    root                4810 Dec  8 04:02
wland_support.log
-rw-r--r--    1 root    root                68693 Dec  8 21:22
wland_support_data.txt
-rw-r--r--    1 root    root                1010 Jan  1 1970 xfrm_bootstrap

```

/var/tmp/aseclogs:

```

drwxr-xr-x    2 root    root                60 Jan  1 1970 .
drwxr-xr-x    7 root    root                3500 Dec  8 21:30 ..
--w-----    1 root    root                32768 Jan  1 1970 untrusteddd-284

```

/var/tmp/bugreport:

```

drwxr-xr-x    2 root    root                40 Jun  1 2021 .
drwxr-xr-x    7 root    root                3500 Dec  8 21:30 ..

```

/var/tmp/csem:

```

drwxr-xr-x    2 root    root                60 Jan  1 1970 .
drwxr-xr-x    7 root    root                3500 Dec  8 21:30 ..
-rw-r--r--    1 root    root                0 Jan  1 1970 calllog

```

/var/tmp/tv:

```

drwxr-xr-x    2 root    root                40 Jan  1 1970 .
drwxr-xr-x    7 root    root                3500 Dec  8 21:30 ..

```

/var/tmp/upnpwebserv:

```

drwxr-xr-x    2 root    root                40 Jun  1 2021 .
drwxr-xr-x    7 root    root                3500 Dec  8 21:30 ..

```

ctlmgr0.slabs Wed Dec 8 21:30:39 2021 ctlmgr

SLAB \$Revision\$ FLAGS F

pagesize 4096 offlimit 49

ncaches 23 nallocpages 628 (max=844) nreappages 33978 current=2512KByte

	objalloc	slabs	npages	alloc
free				
slab_cache	: 22 30 0 1 0	1	1	23
1				
size-16	: 17148 17688 84 3 1	88	88	50390873
50373725				
size-32	: 7008 7280 61 4 0	65	65	19546727
19539719				
size-64	: 7840 7965 132 3 0	135	136	5805460
5797620				
size-128	: 1977 2010 64 3 0	67	108	4746938
4744961				
size-256	: 252 270 15 3 0	18	23	476727
476475				
size-512	: 99 104 11 2 0	13	16	2971508
2971409				
size-1024	: 133 140 31 4 0	35	42	54730
54597				
size-2048	: 23 24 11 1 0	12	20	11754
11731				
size-4096	: 16 17 16 0 1	17	33	1239730
1239714				
size-8192	: 4 6 4 0 2	12	30	14644
14640				
size-16384	: 12 13 12 0 1	52	52	323
311				

```

size-32768      :    3    4    3    0    1    32   192    5790
5787
size-65536      :    3    3    3    0    0    48    64    629
626
size-131072     :
size-256*1024  :
size-512*1024  :
size-1024*1024:
size-2048*1024:
csock          :   102  112   23   5   0   28   31  15358
15256
pcpitem        :    1   13    0   1   0    1    1     1
0
ctimer         :   34   96    0   2   0    2    2  102235
102201
cbdata         :   280  288    1   1   0    2    3  82417
82137

```

multid1.slabs Wed Dec 8 21:30:39 2021 multid

SLAB \$Revision\$ FLAGS F

pagesize 4096 offlimit 49

ncaches 23 nallocpages 414 (max=433) nreappages 13859 current=1656KByte

```

                objalloc      slabs      npages      alloc
free
slab_cache     :    22   30    0    1    0    1    1     22
0
size-16        :  2647 3417   10   7    0   17   18  936930
934283
size-32        :   931 1344    6   6    0   12   14  604635
603704
size-64        :   612  885    7   8    0   15   19  452542
451930
size-128       :   712  780   20   6    0   26   28  208116
207404
size-256       :   190  195   12   1    0   13   19  152109
151919
size-512       :    54   56    6   1    0    7   16  276124
276070
size-1024      :    46   48   10   2    0   12   14  123327
123281
size-2048      :     4    4    2   0    0    2    3    271
267
size-4096      :     6    6    6   0    0    6    7  13682
13676
size-8192      :     1    1    1   0    0    2    4    98
97
size-16384     :     3    3    3   0    0   12   12     3
0
size-32768     :
size-65536     :    17   17   17   0    0  272  272    17
0
size-131072    :
size-256*1024  :
size-512*1024  :
size-1024*1024:
size-2048*1024:
csock          :    45   48   10   2   0   12   12    62
17
pcpitem        :     1   13    0   1   0    1    1     1
0

```

```

ctimer      : 40 96 0 2 0 2 6 194824
194784
cbdata      : 78 288 0 2 0 2 3 137693
137615

```

ddnsdl.slabs Wed Dec 8 21:30:39 2021 ddnsd

SLAB \$Revision\$ FLAGS F

pagesize 4096 offlimit 49

ncaches 22 nallocpages 40 (max=81) nreappages 406 current=160KByte

	objalloc	slabs	npages	alloc
free				
slab_cache	21 30	0 1 0	1 1	21
0				
size-16	891 1407	2 5 0	7 8	6166
5275				
size-32	175 784	0 7 0	7 7	4769
4594				
size-64	171 295	1 4 0	5 6	1662
1491				
size-128	85 120	0 4 0	4 4	452
367				
size-256	26 30	1 1 0	2 3	1106
1080				
size-512	15 16	1 1 0	2 3	532
517				
size-1024	6 8	1 1 0	2 4	245
239				
size-2048	1 2	0 1 0	1 3	299
298				
size-4096	4 4	4 0 0	4 6	366
362				
size-8192	1 1	1 0 0	2 4	9
8				
size-16384				
size-32768	0 0	0 0 0	0 32	190
190				
size-65536				
size-131072				
size-256*1024				
size-512*1024				
size-1024*1024				
size-2048*1024				
csock	4 4	1 0 0	1 2	18
14				
ctimer	2 48	0 1 0	1 1	143
141				
cbdata	6 144	0 1 0	1 1	159
153				

upnpdl.slabs Wed Dec 8 21:30:39 2021 upnpd

SLAB \$Revision\$ FLAGS F

pagesize 4096 offlimit 49

ncaches 22 nallocpages 160 (max=1071) nreappages 32995 current=640KByte

	objalloc	slabs	npages	alloc
free				
slab_cache	21 30	0 1 0	1 1	21
0				
size-16	7061 7437	33 4 0	37 42	9005964
8998903				

```

size-32      : 5306 5488   46   3   0   49   53   3830480
3825174
size-64      : 1574 1770   23   7   0   30   44   1848634
1847060
size-128     : 174  210    3   4   0    7   13   1462558
1462384
size-256     :  49   60    2   2   0    4    4    30418
30369
size-512     :  21   32    1   3   0    4   20   682724
682703
size-1024    :  28   32    6   2   0    8   10   17264
17236
size-2048    :  4    4     2   0   0    2    5     40
36
size-4096    :  5    5     5   0   0    5   49   11400
11395
size-8192    :  1    1     1   0   0    2   94   31049
31048
size-16384   :
size-32768   :  0    0     0   0   0    0  720   9084
9084
size-65536   :
size-131072  :
size-256*1024 :
size-512*1024 :
size-1024*1024:
size-2048*1024:
csock       :  18   20    4   1   0    5   16   11467
11449
ctimer      :  11   48    0   1   0    1    2   60129
60118
cbdata      :  502  720    0   5   0    5    6   96566
96064

```

voipd1.slabs Wed Dec 8 21:30:39 2021 voipd

SLAB \$Revision\$ FLAGS F

pagesize 4096 offlimit 49

ncaches 22 nallocpages 143 (max=178) nreappages 4650 current=572KByte

```

                objalloc      slabs      npages      alloc
free
slab_cache    :  21   30    0   1   0    1    1     21
0
size-16       : 1417 2412    6   6   0   12   15   805738
804321
size-32       :  523  672    4   2   0    6    7   200551
200028
size-64       :  184  295    1   4   0    5    6   103589
103405
size-128      :  137  150    4   1   0    5    6   40210
40073
size-256      :  119  135    7   2   0    9   10   10527
10408
size-512      :   39   40    4   1   0    5    6   25413
25374
size-1024     :   32   36    7   2   0    9   11   21678
21646
size-2048     :    1    2    0   1   0    1    3   2969
2968
size-4096     :    4    4    4   0   0    4    5   4739
4735

```

```

size-8192      :   1   1   1   0   0       2   20       2391
2390
size-16384     :
size-32768     :   0   0   0   0   0       0    8         1
1
size-65536     :   1   1   1   0   0      16   16         1
0
size-131072    :
size-256*1024 :   1   1   1   0   0      64   64         1
0
size-512*1024 :
size-1024*1024:
size-2048*1024:
csock         :   8   8   2   0   0       2    3         19
11
ctimer        :  10  48   0   1   0       1    1        5748
5738
cbdata        :  27 144   0   1   0       1    1        9589
9562

```

usermand1.slabs Wed Dec 8 21:30:39 2021 usermand

SLAB \$Revision\$ FLAGS F

pagesize 4096 offlimit 49

ncaches 22 nallocpages 31 (max=31) nreappages 71 current=124KByte

```

                objalloc      slabs      npages      alloc
free
slab_cache    :   21   30     0   1   0       1    1         21
0
size-16       :  537 1206     0   6   0       6    6       290695
290158
size-32       :  177  672     0   6   0       6    6       166178
166001
size-64       :  117  236     1   3   0       4    4       17129
17012
size-128      :   35   60     0   2   0       2    2       34291
34256
size-256      :    5   15     0   1   0       1    1         8
3
size-512      :    8    8     1   0   0       1    1       4094
4086
size-1024     :    2    4     0   1   0       1    1       2088
2086
size-2048     :
size-4096     :    3    3     3   0   0       3    3        154
151
size-8192     :    1    1     1   0   0       2    4         2
1
size-16384    :
size-32768    :
size-65536    :
size-131072   :
size-256*1024 :
size-512*1024 :
size-1024*1024:
size-2048*1024:
csock         :    5    8     1   1   0       2    2         5
0
cbdata        :    5  144     0   1   0       1    1        18
13

```

```
ctimer      :    3  48    0  1  0    1  1    2079
2076
killall: mediasrv: no process killed
```

```
vpnd1.slabs Wed Dec  8 21:30:39 2021 vpnd
```

```
SLAB $Revision$ FLAGS F
```

```
pagesize 4096 offlimit 49
```

```
ncaches 23 nallocpages 35 (max=35) nreappages 0 current=140KByte
          objalloc          slabs          npages          alloc
```

```
free
slab_cache  :    22  30    0  1  0    1  1    22
0
size-16     :   520 1005    0  5  0    5  5   3180
2660
size-32     :   143  672    0  6  0    6  6   1937
1794
size-64     :   139  236    1  3  0    4  4    568
429
size-128    :    77   90    2  1  0    3  3    127
50
size-256    :     4   15    0  1  0    1  1     4
0
size-512    :     5    8    0  1  0    1  1    48
43
size-1024   :     3    8    0  2  0    2  2    61
58
size-2048   :
size-4096   :     3    4    3  0  1    4  4    28
25
size-8192   :     1    2    1  0  1    4  4     7
6
size-16384  :
size-32768  :
size-65536  :
size-131072 :
size-256*1024 :
size-512*1024 :
size-1024*1024:
size-2048*1024:
csock       :     4    8    1  0  1    2  2    19
15
pcpitem     :
ctimer      :     1   48    0  1  0    1  1    30
29
cbdata      :     2  144    0  1  0    1  1    92
90
```

```
killall: avmike: no process killed
```

```
killall: tr069discover: no process killed
```

```
l2tpv3d1.slabs Wed Dec  8 21:30:40 2021 l2tpv3d
```

```
SLAB $Revision$ FLAGS F
```

```
pagesize 4096 offlimit 49
```

```
ncaches 22 nallocpages 19 (max=21) nreappages 9 current=76KByte
          objalloc          slabs          npages          alloc
```

```
free
slab_cache  :    21  30    0  1  0    1  1    21
0
size-16     :    81  201    0  1  0    1  1   243
162
```

```

size-32      : 46 112 0 1 0 1 1 77
31
size-64      : 44 59 0 1 0 1 1 88
44
size-128     : 56 60 1 1 0 2 2 84
28
size-256     : 0 0 0 0 0 0 1 4
4
size-512     : 1 8 0 1 0 1 1 16
15
size-1024    : 2 4 0 1 0 1 2 13
11
size-2048    :
size-4096    : 4 4 4 0 0 4 4 16
12
size-8192    : 1 1 1 0 0 2 4 4
3
size-16384   :
size-32768   :
size-65536   :
size-131072  :
size-256*1024 :
size-512*1024 :
size-1024*1024:
size-2048*1024:
csock       : 7 12 1 2 0 3 3 13
6
cbdata      : 8 144 0 1 0 1 1 28
20
ctimer      : 2 48 0 1 0 1 1 19
17

```

avmnexusd1.slabs Wed Dec 8 21:30:40 2021 avmnexusd

SLAB \$Revision\$ FLAGS F

pagesize 4096 offlimit 49

ncaches 22 nallocpages 55 (max=56) nreappages 7 current=220KByte

```

                objalloc      slabs      npages      alloc
free
slab_cache    : 21 30 0 1 0 1 1 21
0
size-16       : 494 603 2 1 0 3 3 53811
53317
size-32       : 157 224 1 1 0 2 2 2358
2201
size-64       : 211 236 3 1 0 4 4 7619
7408
size-128      : 81 90 2 1 0 3 3 52951
52870
size-256      : 50 60 3 1 0 4 4 1075
1025
size-512      : 13 16 1 1 0 2 2 2789
2776
size-1024     : 53 56 12 2 0 14 16 3536
3483
size-2048     : 5 6 2 1 0 3 3 31
26
size-4096     : 4 4 4 0 0 4 6 36
32
size-8192     : 2 2 2 0 0 4 4 3
1

```



```

size-16384      :
size-32768      :
size-65536      :
size-131072     :
size-256*1024  :
size-512*1024  :
size-1024*1024 :
size-2048*1024 :
csock          :   34   36     8   1   0       9   9       1010
976
ctimer         :    3   48     0   1   0       1   1       1962
1959
cbdata         :  107  144     0   1   0       1   1       4980
4873

```

pcpd1.slabs Wed Dec 8 21:30:40 2021 pcpd

SLAB \$Revision\$ FLAGS F

pagesize 4096 offlimit 49

ncaches 25 nallocpages 21 (max=21) nreappages 17 current=84KByte

```

                objalloc      slabs      npages      alloc
free
slab_cache     :   24   30     0   1   0       1   1       24
0
size-16        :   68  201     0   1   0       1   1       148
80
size-32        :   49  112     0   1   0       1   1       77
28
size-64        :   38   59     0   1   0       1   1       83
45
size-128       :   56   60     1   1   0       2   2       88
32
size-256       :    2   15     0   1   0       1   1        2
0
size-512       :    1    8     0   1   0       1   1       34
33
size-1024      :    0    4     0   0   1       1   1       14
14
size-2048      :    1    2     0   1   0       1   1        1
0
size-4096      :    3    3     3   0   0       3   3       16
13
size-8192      :    1    2     1   0   1       4   4        7
6
size-16384     :
size-32768     :
size-65536     :
size-131072    :
size-256*1024 :
size-512*1024 :
size-1024*1024 :
size-2048*1024 :
csock          :    6    8     1   1   0       2   2       11
5
pcpitem        :
ctimer         :    2   48     0   1   0       1   1       20
18
pcpclient      :
pcprequest     :
cbdata         :    3  144     0   1   0       1   1       33
30

```

```

deviceinfod1.slab Wed Dec  8 21:30:40 2021 deviceinfod
SLAB $Revision$ FLAGS F
pagesize 4096 offlimit 49
ncaches 22 nallocpages 18 (max=20) nreappages 240 current=72KByte
      objalloc      slabs      npages      alloc
free
slab_cache  :   21   30    0    1    0    1    1    21
0
size-16    :   83  201    0    1    0    1    1   1316
1233
size-32    :   39  112    0    1    0    1    1    56
17
size-64    :   51   59    0    1    0    1    1   184
133
size-128   :   52   60    1    1    0    2    2   194
142
size-256   :
size-512   :    1    8    0    1    0    1    1   140
139
size-1024  :    6    8    0    2    0    2    2    9
3
size-2048  :
size-4096  :    2    2    2    0    0    2    2   132
130
size-8192  :    1    1    1    0    0    2    4    2
1
size-16384 :
size-32768 :
size-65536 :
size-131072:
size-256*1024:
size-512*1024:
size-1024*1024:
size-2048*1024:
csock      :    8   12    1    2    0    3    3   11
3
ctimer     :    2   48    0    1    0    1    1   13
11
cbdata     :   15  144    0    1    0    1    1   22
7

```

```

contfiltd1.slab Wed Dec  8 21:30:40 2021 contfiltd
SLAB $Revision$ FLAGS F
pagesize 4096 offlimit 49
ncaches 21 nallocpages 14 (max=14) nreappages 0 current=56KByte
      objalloc      slabs      npages      alloc
free
slab_cache  :   20   30    0    1    0    1    1   20
0
size-16    :   52  201    0    1    0    1    1   92
40
size-32    :   27  112    0    1    0    1    1   56
29
size-64    :    9   59    0    1    0    1    1   16
7
size-128   :    6   30    0    1    0    1    1    7
1
size-256   :

```

```

size-512      :   1   8   0   1   0   1   1   18
17
size-1024     :   1   4   0   1   0   1   1   5
4
size-2048     :
size-4096     :   3   3   3   0   0   3   3   8
5
size-8192     :   1   1   1   0   0   2   2   2
1
size-16384    :
size-32768    :
size-65536    :
size-131072   :
size-256*1024 :
size-512*1024 :
size-1024*1024:
size-2048*1024:
csock        :   3   4   0   1   0   1   1   3
0
ctimer       :   1  48   0   1   0   1   1   1
0
killall: notifyd: no process killed

```

```

avmipcd1.slab Wed Dec  8 21:30:40 2021 avmipcd
SLAB $Revision$ FLAGS F
pagesize 4096 offlimit 49
ncaches 22 nallocpages 23 (max=23) nreappages 0 current=92KByte
                objalloc      slabs      npages      alloc
free
slab_cache    :   21  30   0   1   0   1   1   21
0
size-16       :  274 402   1   1   0   2   2 4894654
4894380
size-32       :  170 224   1   1   0   2   2 3735619
3735449
size-64       :   19  59   0   1   0   1   1  96813
96794
size-128      :   14  30   0   1   0   1   1 2496915
2496901
size-256      :    6  15   0   1   0   1   1 1176930
1176924
size-512      :    7  16   0   1   1   2   2 4865216
4865209
size-1024     :    2   8   0   1   1   2   2  55226
55224
size-2048     :    3   6   0   3   0   3   3  36956
36953
size-4096     :    2   2   2   0   0   2   2    3
1
size-8192     :    1   1   1   0   0   2   2    1
0
size-16384    :
size-32768    :
size-65536    :
size-131072   :
size-256*1024 :
size-512*1024 :
size-1024*1024:
size-2048*1024:

```

```

csock      :    6    8    1    1    0    :    2    2    13424
13418
ctimer     :    1   48    0    1    0    :    1    1    40256
40255
cbdata     :    6  144    0    1    0    :    1    1    55399
55393

```

aha1.slabs Wed Dec 8 21:30:40 2021 aha

SLAB \$Revision\$ FLAGS F

pagesize 4096 offlimit 49

ncaches 22 nallocpages 50 (max=74) nreappages 29 current=200KByte

objalloc slabs npages alloc

free

```

slab_cache :    21   30    0    1    0    :    1    1     21
0

```

```

size-16    :    95  201    0    1    0    :    1    1   189332
189237

```

```

size-32    :    60  112    0    1    0    :    1    1   115266
115206

```

```

size-64    :    88  118    1    1    0    :    2    2   183563
183475

```

```

size-128   :    67   90    2    1    0    :    3    3    6752
6685

```

```

size-256   :    37   45    2    1    0    :    3    3     53
16

```

```

size-512   :     6    8    0    1    0    :    1    1    100
94

```

```

size-1024  :     6    8    1    1    0    :    2    3     48
42

```

```

size-2048  :     2    2    1    0    0    :    1    2     14
12

```

```

size-4096  :     7    7    7    0    0    :    7    7     12
5

```

```

size-8192  :     1    1    1    0    0    :    2    2     1
0

```

```

size-16384 :     2    2    2    0    0    :    8    8     3
1

```

```

size-32768 :     0    0    0    0    0    :    0    8     1
1

```

```

size-65536 :     1    1    1    0    0    :   16   32     2
1

```

```

size-131072 :

```

```

size-256*1024 :

```

```

size-512*1024 :

```

```

size-1024*1024 :

```

```

size-2048*1024 :

```

```

csock      :     2    4    0    1    0    :     1    1     2
0

```

```

ctimer     :

```

```

cbdata     :     1  144    0    1    0    :     1    1     1
0

```

```

killall: rexd: no process killed

```

```

##### END SECTION Processes_Memory

```

```

##### END SECTION Networking

```

```

##### BEGIN SECTION WLAN

```

```

Build = Apr 30 2021 19:10:57

```

```

WLAND_CTL:[ALW]Write support data succeeded

```

```

wland

```

```

-----

```

REM.: Following output is a ring buffer with '####' as separator.

```
01:01:07: open
01:01.07/[0067.380]:[INF]derived config 'AP-only mode Dual', ID: 1
(0x00000000)
01:01.07/[0067.380]:[ERR]scan_module_env_get_channel_list_by_band:1118:
Invalid param.
01:01.07/[0067.380]:[ERR]scan_module_env_get_channel_list_by_band:1118:
Invalid param.
01:01.07/[0067.420]:[INF]nexus_init: Initialize Nexus API
01:01.07/[0067.420]:[ERR]nexus_comm_device_get_info: Cannot determine
nexus right now - check again later(try again later)
01:01.07/[0067.420]:[ERR]lib_hal_env_get_channel_list:585: Invalid param.
01:01.20/[0080.750]:[INF]nexus_init: Initialize Nexus API
01:01.20/[0080.750]:[WRN]nexus_info_timer_cb: Cannot determine nexus
right now - check again later(try again later)
01:01.20/[0080.750]:[INF]netlink_steering_messages_open:198 Created
netlink socket 16 for steering messages
01:01.20/[0080.880]:[INF]config_exchange_master_init:982: ENTER
01:01.33/[0093.810]:[INF]nexus_init: Initialize Nexus API
01:01.33/[0093.820]:[INF]cfg_mgr_check_config:2014:
_cfg_mgr_context.sanity_check_config: set
13:15.48/[9141.600]:[ERR]stations_module.c:(idle_status_event_handler):28
43: cannot find peer 18:87:40:zX:zX:zX
01:17.25/[52439.390]:[ERR]stations_module.c:(idle_status_event_handler):2
843: cannot find peer 18:87:40:zX:zX:zX
13:45.26/[97320.220]:[INF]WLAND: configuring...
13:45.26/[97320.230]:[INF]derived config 'AP-only mode Dual', ID: 1
(0x00000000)
13:45.26/[97320.260]:[INF]cfg_mgr_check_config:2014:
_cfg_mgr_context.sanity_check_config: not set
13:45.40/[97334.200]:[INF]WLAND: configuring...
13:45.40/[97334.220]:[INF]derived config 'AP-only mode Dual', ID: 1
(0x00000000)
13:45.40/[97334.240]:[INF]cfg_mgr_check_config:2014:
_cfg_mgr_context.sanity_check_config: not set
13:45.46/[97339.740]:[ERR]stations_module.c:(idle_status_event_handler):2
843: cannot find peer EA:77:26:ZX:ZX:ZX
13:48.08/[97482.210]:[INF]WLAND: configuring...
13:48.08/[97482.220]:[INF]derived config 'AP-only mode Dual', ID: 1
(0x00000000)
13:48.08/[97482.240]:[INF]cfg_mgr_check_config:2014:
_cfg_mgr_context.sanity_check_config: not set
13:48.24/[97498.200]:[INF]WLAND: configuring...
13:48.24/[97498.210]:[INF]derived config 'AP-only mode Dual', ID: 1
(0x00000000)
13:48.24/[97498.230]:[INF]cfg_mgr_check_config:2014:
_cfg_mgr_context.sanity_check_config: not set
13:48.28/[97501.530]:[ERR]stations_module.c:(idle_status_event_handler):2
843: cannot find peer 0A:E8:85:yX:yX:yX
23:45.58/[133352.230]:[INF]WLAND: configuring...
23:45.58/[133352.240]:[INF]derived config 'AP-only mode Dual', ID: 1
(0x00000000)
23:45.58/[133352.260]:[INF]cfg_mgr_check_config:2014:
_cfg_mgr_context.sanity_check_config: not set
22:27.38/[215051.610]:[ERR]stations_module.c:(idle_status_event_handler):
2843: cannot find peer 18:87:40:zX:zX:zX
22:42.39/[215952.730]:[ERR]stations_module.c:(idle_status_event_handler):
2843: cannot find peer 18:87:40:zX:zX:zX
23:38.02/[219276.220]:[INF]WLAND: configuring...
```

```

23:38.02/[219276.230]:[INF]derived config 'AP-only mode Dual', ID: 1
(0x00000000)
23:38.02/[219276.250]:[INF]cfg_mgr_check_config:2014:
_cfg_mgr_context.sanity_check_config: not set
10:43.12/[259185.830]:[ERR]hal_acs_set_scanresults: No scan results.
23:10.34/[304028.210]:[INF]WLAND: configuring...
23:10.34/[304028.220]:[INF]derived config 'AP-only mode Dual', ID: 1
(0x00000000)
23:10.34/[304028.250]:[INF]cfg_mgr_check_config:2014:
_cfg_mgr_context.sanity_check_config: not set
03:10.18/[318412.060]:[ERR]hal_acs_set_scanresults: No scan results.
07:10.19/[332812.580]:[ERR]hal_acs_set_scanresults: No scan results.
09:10.19/[340012.660]:[ERR]hal_acs_set_scanresults: No scan results.
11:10.19/[347212.710]:[ERR]hal_acs_set_scanresults: No scan results.
13:10.19/[354412.980]:[ERR]hal_acs_set_scanresults: No scan results.
15:10.19/[361613.380]:[ERR]hal_acs_set_scanresults: No scan results.
14:36.58/[446011.870]:[ERR]stations_module.c:(idle_status_event_handler):
2843: cannot find peer 18:87:40:zX:zX:zX
14:37.06/[446019.930]:[ERR]stations_module.c:(idle_status_event_handler):
2843: cannot find peer 18:87:40:zX:zX:zX
14:52.07/[533320.810]:[ERR]hal_acs_set_scanresults: No scan results.
21:02.46/[555560.410]:[ERR]hal_acs_set_scanresults: No scan results.
09:21.34/[599887.920]:[ERR]hal_acs_set_scanresults: No scan results.
20:05.43/[638537.210]:[INF]WLAND: configuring...
20:05.43/[638537.220]:[INF]derived config 'AP-only mode Dual', ID: 1
(0x00000000)
20:05.43/[638537.250]:[INF]cfg_mgr_check_config:2014:
_cfg_mgr_context.sanity_check_config: not set
21:47.29/[731043.230]:[INF]WLAND: configuring...
21:47.29/[731043.240]:[INF]derived config 'AP-only mode Dual', ID: 1
(0x00000000)
21:47.29/[731043.260]:[INF]cfg_mgr_check_config:2014:
_cfg_mgr_context.sanity_check_config: not set
04:02.28/[753541.470]:[ERR]stations_module.c:(idle_status_event_handler):
2843: cannot find peer 18:87:40:zX:zX:zX

```

~~~~~

wlan\_dynamic.cfg

-----

# Dynamic config

# --- Hardware definition sections -----

-----

```

hardware_2 {
    id = 2;
    supported_band = "5GHz";
    supported_sub_band = "full";
    hw_interface = 0;
    chip_type = cascade;
    vendor = atheros;
    description = "";
    hw_country {
        valid = 1;
        copy_from_env = 1;
        value = 276;
    }
    hw_address {
        valid = 1;
        copy_from_env = 1;
        value = 2C:91:AB:iX:iX:iX;
    }
}

```

```

    }
    hw_specific {
        offload = non;
    }
}
hardware_1 {
    id = 1;
    supported_band = "2GHz";
    supported_sub_band = "full";
    hw_interface = 1;
    chip_type = cascade;
    vendor = atheros;
    description = "";
    hw_country {
        valid = 1;
        copy_from_env = 1;
        value = 276;
    }
    hw_address {
        valid = 1;
        copy_from_env = 1;
        value = 2C:91:AB:JX:JX:JX;
    }
    hw_specific {
        offload = non;
    }
}
# --- Role definition sections -----
-----
role_2 {
    id = 2;
    enabled = 1;
    description = "Access Point 5G";
    station_type = AP;
    operation_mode = AP;
    radio_band = "5GHz";
    ctrl_if_name = "ath1";
    data_if_name = "ath1";
    mac_id = 1;
    state = 0;
    master {
        ssid = "SECRET";
        wlan_mode = ac;
        channel = 0;
        auto_settings = 0;
        auto_update = yes;
        channelwidth = 160;
        power_level = 1;
        security = wpa2-psk;
        pmf_mode = disabled;
        autochannel_plus = no;
        autochannel_plus_11a = no;
        wps_enable = yes;
        wps_devicename = "FBox";
        wps_device_password = SECRET;
        wps_uuid = SECRET;
        wps_version = 16;
        wps_config_methods_supported = "PushButton";
        wps_config_methods_enabled = "PushButton";
        wps_setup_locked_state = Unlocked;
    }
}

```

```

wps_setup_lock = no;
wps_configuration_state = Configured;
wps_last_configuration_error = NoError;
vlan_id = 0;
network_type = none;
repeating_mode = smart;
radio_sub_band = full;
password = "SECRET";
hidden_ssid = no;
greenmode_enabled = no;
user_isolation = no;
IPTVoptimize = yes;
tx_autopower = no;
wlan_coexistence = yes;
hotspot2_enabled = no;
access_control_enabled = no;
enabled = yes;
radio_band = 5GHz;
operation_mode = AP;
station_type = AP;
}
}
role_1 {
  id = 1;
  enabled = 1;
  description = "Access Point 2G";
  station_type = AP;
  operation_mode = AP;
  radio_band = "2GHz";
  ctrl_if_name = "ath0";
  data_if_name = "ath0";
  mac_id = 1;
  state = 0;
  master {
    ssid = "SECRET";
    auto_settings = 2;
    auto_update = yes;
    channel = 0;
    channelwidth = 40;
    power_level = 1;
    wlan_mode = gn;
    security = wpa2-psk;
    pmf_mode = disabled;
    autochannel_plus = no;
    autochannel_plus_11a = no;
    wps_enable = yes;
    wps_devicename = "FBox";
    wps_device_password = SECRET;
    wps_uuid = SECRET;
    wps_version = 16;
    wps_config_methods_supported = "PushButton";
    wps_config_methods_enabled = "PushButton";
    wps_setup_locked_state = Unlocked;
    wps_setup_lock = no;
    wps_configuration_state = Configured;
    wps_last_configuration_error = NoError;
    vlan_id = 0;
    network_type = none;
    repeating_mode = smart;
    radio_sub_band = full;
  }
}

```



```

password = "SECRET";
hidden_ssid = no;
greenmode_enabled = no;
user_isolation = no;
IPTVoptimize = yes;
tx_autopower = no;
wlan_coexistence = yes;
hotspot2_enabled = no;
access_control_enabled = no;
enabled = yes;
radio_band = 2GHz;
operation_mode = AP;
station_type = AP;
}
}
# --- General definition sections -----
-----
general {
product = "FRITZ!Box 6591";
version = "0.0.0.1";
scenario = AP_ONLY;
description = "";
bridge_mode = "bridge-none";
band_steering = 1;
guest_ap_auto_update = 1;
night_time_control_auto_update = 1;
night_time_control_no_forced_off = 1;
debug_settings {
trace_state = "wlancfg_trace_state_off";
trace_parameter = "";
}
known_clients {
num_known_clients = 12;
client_station {
mac = 00:08:22:hX:hX:hX;
}
client_station {
mac = 00:08:22:HX:HX:HX;
}
client_station {
mac = 00:08:22:PX:PX:PX;
}
client_station {
mac = 00:08:22:gX:gX:gX;
}
client_station {
mac = 00:08:22:xX:xX:xX;
}
client_station {
mac = E6:41:C5:mX:mX:mX;
}
client_station {
mac = 0A:E8:85:yX:yX:yX;
}
client_station {
mac = 92:6A:9B:XX:XX:XX;
}
client_station {
mac = EA:77:26:ZX:ZX:ZX;
}
}

```

```

    client_station {
        mac = 74:12:B3:RX:RX:RX;
    }
    client_station {
        mac = 18:87:40:zX:zX:zX;
    }
    client_station {
        mac = CC:4B:73:MX:MX:MX;
    }
}

```

##### BEGIN SECTION WLAND WLAN Config Daemon

##### BEGIN SECTION ACS\_DECISION\_INFO Provides channel decision data of last ACS evaluations

Radio 1 ACS decision info:

```

-----
Band           : 2.4 GHz
|
PHY Spec      : 11NG
|
Desired b/w   : 20
|
Time          : [815340.849292]
|

```

```

-----
|          |          | Num  |          | Max  |          |          |          |          |          |
|Msrd |          |Rejection |Best |          |          |          |          |          |          |
|Pri  |Incap|Excl|OBSS | NF  |NF   |Reg  |CW   |MWO  |FHSS |lized|Msrd
|Usab |Usab |Code |Chan |          |          |          |          |          |          |
|Chan |/Rel |?   |Pri  |          |Thrsh|Pwr  |?   |?   |?   |?   |Usab
|Ext  |    |    |    |          |     |    |    |    |    |    |
-----

```

| Chan  | Rel | Code    | Pri    | OBSS | NF  | Reg | CW | MWO | FHSS | lized | Msrd |
|-------|-----|---------|--------|------|-----|-----|----|-----|------|-------|------|
| 1     | NC  | NC      | 4      | -104 | -78 | NC  | NC | NC  | NC   | NC    |      |
| 37655 | NC  | 13107   | NotRej |      | F   |     |    |     |      |       |      |
| 6     | NC  | NC      | 1      | -103 | -78 | NC  | NC | NC  | NC   | NC    |      |
| 59785 | NC  | 32767   | NotRej |      | T   |     |    |     |      |       |      |
| 11    | NC  | NC      | 2      | -104 | -78 | NC  | NC | NC  | NC   | NC    |      |
| 55283 | NC  | 21845   | NotRej |      | F   |     |    |     |      |       |      |
| 13    | NC  | T       | NC     | -104 | -78 | NC  | NC | NC  | NC   | NC    | NC   |
| NC    | 0   | PriExcl | F      |      |     |     |    |     |      |       |      |

Radio 2 ACS decision info:

```

-----
Band           : 5 GHz
|
PHY Spec      : 11AC
|
Desired b/w   : 160
|
Time          : [796781.250255]
|

```

```

-----
-----
|      |      |      |Num  |      |      |Max  |      |      |      |Pena-|
|Msrd  |      |Rejection|Best  |      |      |      |      |      |      |      |
Pri  |Incap|Exclld|OBSS  |NF  |NF  |Reg  |CW  |MWO  |FHSS  |lized|Msrd
|Usab  |Usab  |Code   |Chan  |      |      |      |      |      |      |      |
Chan  |/Rel  |?     |Pri   |      |Thrsh|Pwr  |?   |?   |?   |?   |Usab
|Ext   |      |      |?     |      |      |      |      |      |      |      |
-----
-----

```

```

36  |F  |F  |0  |-101|-75  |23  |F  |NA  |NU  |F
|64412|NC  |64412|NotRej  |F  |
40  |F  |F  |0  |-119|-75  |23  |F  |NA  |NU  |F
|64412|NC  |64412|NotRej  |F  |
44  |F  |F  |0  |-119|-75  |23  |F  |NA  |NU  |F
|64709|NC  |64709|NotRej  |T  |
48  |F  |F  |0  |-119|-75  |23  |F  |NA  |NU  |F
|64709|NC  |64709|NotRej  |F  |
52  |F  |F  |0  |-105|-75  |NC  |F  |NA  |NU  |NC  |NC
|NC  |0  |Sec20Taken|F  |
56  |Sec20|F  |2  |-105|-75  |NC  |F  |NA  |NU  |NA  |NA
|NA  |NA  |NA  |NA  |
56  |F  |F  |2  |-105|-75  |23  |F  |NA  |NU  |F
|63774|NC  |62257|NotRej  |F  |
60  |F  |F  |0  |-105|-75  |23  |F  |NA  |NU  |F
|64390|NC  |62257|NotRej  |F  |
64  |F  |F  |0  |-104|-75  |23  |F  |NA  |NU  |F
|64390|NC  |62257|NotRej  |F  |
100 |F  |F  |0  |-104|-75  |30  |F  |NA  |NU  |F
|65532|NC  |62257|NotRej  |F  |
104 |F  |F  |0  |-104|-75  |30  |F  |NA  |NU  |F
|65532|NC  |62257|NotRej  |F  |
108 |F  |F  |0  |-104|-75  |30  |F  |NA  |NU  |F
|65531|NC  |62257|NotRej  |F  |
112 |F  |F  |0  |-103|-75  |30  |F  |NA  |NU  |F
|65531|NC  |62257|NotRej  |F  |
116 |F  |F  |0  |-104|-75  |30  |F  |NA  |NU  |F
|65533|NC  |62257|NotRej  |F  |
120 |F  |F  |0  |-103|-75  |30  |F  |NA  |NU  |F
|65533|NC  |58980|NotRej  |F  |
124 |F  |F  |0  |-103|-75  |30  |F  |NA  |NU  |F
|65533|NC  |58980|NotRej  |F  |
128 |F  |F  |0  |-103|-75  |30  |F  |NA  |NU  |F
|65533|NC  |58980|NotRej  |F  |
132 |NC  |T  |NC  |NC  |NC  |NC  |NC  |NA  |NU  |NC  |NC
|NC  |0  |PriExcl  |F  |
136 |NC  |T  |NC  |NC  |NC  |NC  |NC  |NA  |NU  |NC  |NC
|NC  |0  |PriExcl  |F  |
140 |NC  |T  |NC  |NC  |NC  |NC  |NC  |NA  |NU  |NC  |NC
|NC  |0  |PriExcl  |F  |
-----
-----

```

##### END SECTION ACS\_DECISION\_INFO

```

##### BEGIN SECTION wland_app WLAND Application
worker_state = 1
##### END SECTION wland_app

```

```

##### BEGIN SECTION ROLE_STATE_HISTORY
Transitions of role_25 (all):

```

Transitions of role\_24 (all):

Transitions of role\_23 (all):

Transitions of role\_22 (all):

Transitions of role\_21 (all):

Transitions of role\_20 (all):

Transitions of role\_19 (all):

Transitions of role\_18 (all):

Transitions of role\_17 (all):

Transitions of role\_16 (all):

Transitions of role\_15 (all):

Transitions of role\_14 (all):

Transitions of role\_13 (all):

Transitions of role\_12 (all):

Transitions of role\_11 (all):

Transitions of role\_10 (all):

Transitions of role\_9 (all):

Transitions of role\_8 (all):

Transitions of role\_7 (all):

Transitions of role\_6 (all):

Transitions of role\_5 (all):

Transitions of role\_4 (all):

Transitions of role\_3 (all):

Transitions of role\_2 (all):

Transitions of role\_1 (all):

##### END SECTION ROLE\_STATE\_HISTORY

##### BEGIN SECTION NEXUS\_COMM Nexus Communication Module

api = 0x6e11a210  
mgmt\_socket = 12  
nexus\_id = '2c:91:ab:jX:jX:jX'  
Endpoint lists:

--- empty ---

Registered endpoint lists:

Registered endpoint info: 0x6e11b6d0  
name = 'WLANConfigMaster'  
listen\_sock = 18  
nexus\_registration = 0x6e11b750  
is\_registered = 1  
Accepted connections:

--- empty ---

Registered endpoint info: 0x6e11b950  
name = 'WLANStationExchangeMaster'  
listen\_sock = 19  
nexus\_registration = 0x6e11b9d0  
is\_registered = 1  
Accepted connections:

--- empty ---

##### END SECTION NEXUS\_COMM

##### BEGIN SECTION repeating\_module Routing information for connected stations

default route = -1

Rated and established uplinks:

role\_id | score | is\_avm\_wds  
##### END SECTION repeating\_module

##### BEGIN SECTION DYN\_UL Dynamic Uplink

State machine state: IDLE

New nexus config: nexus\_config\_slave\_aware\_mode: 0 radio\_ids:

Uplink Role States

| id | band       | sub_band   | enab | conf | Uplink BSSID      | STA_SSID    |
|----|------------|------------|------|------|-------------------|-------------|
| 7  | 0x00000001 | 0x00000001 | 0    | 0    | 00:00:00:00:00:00 | SECRET      |
|    |            |            |      |      |                   | DEACTIVATED |
| 6  | 0x00000001 | 0x00000001 | 0    | 0    | 00:00:00:00:00:00 | SECRET      |
|    |            |            |      |      |                   | DEACTIVATED |
| 5  | 0x00000001 | 0x00000001 | 0    | 0    | 00:00:00:00:00:00 | SECRET      |
|    |            |            |      |      |                   | DEACTIVATED |

AP Role States

| id | band       | sub_band   | enab | state  |
|----|------------|------------|------|--------|
| 2  | 0x00000002 | 0x00000001 | 1    | ON_AIR |
| 1  | 0x00000001 | 0x00000001 | 1    | ON_AIR |

DynUL Log

##### END SECTION DYN\_UL

##### BEGIN SECTION WLAN\_SCAN WLAN scan informations

##### BEGIN SECTION WLAN\_SCAN\_RESULTS WLAN scan results

Role: id=1,if='ath0',time=815338(20211208-211225)

```
[BSSID|SSID|CHANNEL INFO|WLAN MODE|RSSI|CAPS]
AP[000]: 74:EA:3A:pX:pX:pX 'SECRET' ' 1 [
1, 7] 5 -51 0x000009f5[ WPA WPA2 WPS WME ATH PRIVACY STBC TXBF ]
AP[001]: A8:F5:DD:qX:qX:qX 'SECRET' ' 11 [
9, 13] 0 -78 0x000009b4[ WPA2 WPS WME PRIVACY STBC TXBF ]
AP[002]: 98:E7:F4:YX:YX:YX 'SECRET' ' 1 [
1, 3] 0 -47 0x000008b4[ WPA2 WPS WME PRIVACY TXBF ]
AP[003]: 4A:4E:FC:NX:NX:NX 'SECRET' ' 1 [
1, 3] 0 -82 0x000009a4[ WPA2 WME PRIVACY STBC TXBF ]
AP[004]: 70:54:25:LX:LX:LX 'SECRET' ' 11 [
9, 13] 0 -91 0x000009b4[ WPA2 WPS WME PRIVACY STBC TXBF ]
AP[005]: 48:4E:FC:NX:NX:NX 'SECRET' ' 1 [
1, 3] 0 -82 0x000009b4[ WPA2 WPS WME PRIVACY STBC TXBF ]
AP[006]: C8:52:61:QX:QX:QX 'SECRET' ' 6 [
4, 8] 0 -89 0x000009b4[ WPA2 WPS WME PRIVACY STBC TXBF ]
```

-----
Role: id=2,if='ath1',time=796766(20211208-160253)

```
[BSSID|SSID|CHANNEL INFO|WLAN MODE|RSSI|CAPS]
AP[000]: 48:4E:FC:nX:nX:nX 'SECRET' ' 56 [
50, 66] 9 -77 0x000009b4[ WPA2 WPS WME PRIVACY STBC TXBF ]
AP[001]: 4A:4E:FC:nX:nX:nX 'SECRET' ' 56 [
50, 66] 9 -76 0x000009a4[ WPA2 WME PRIVACY STBC TXBF ]
```

##### END SECTION WLAN\_SCAN\_RESULTS

##### BEGIN SECTION WLAN\_SCAN\_NOISE\_FLOOR WLAN noise floor

```
[CHANNEL|NOISE FLOOR|LOAD]
NF[000]: 1 -104 0.425437
NF[001]: 2 -103 0.790295
NF[002]: 3 -104 0.770352
NF[003]: 4 -103 0.054398
NF[004]: 5 -103 0.047944
NF[005]: 6 -103 0.087755
NF[006]: 7 -103 0.071489
NF[007]: 8 -103 0.062852
NF[008]: 9 -103 0.100160
NF[009]: 10 -104 0.068269
NF[010]: 11 -104 0.156451
NF[011]: 12 -103 0.178683
NF[012]: 13 -104 0.111376
NF[000]: 36 -101 0.012955
NF[001]: 40 -119 0.000000
NF[002]: 44 -119 0.000000
NF[003]: 48 -119 0.000000
NF[004]: 52 -105 0.000000
NF[005]: 56 -105 0.026856
NF[006]: 60 -105 0.000000
NF[007]: 64 -104 0.000000
NF[008]: 100 -104 0.000000
NF[009]: 104 -104 0.000000
```

```

NF[010]: 108 -104 0.000000
NF[011]: 112 -103 0.000061
NF[012]: 116 -104 0.000000
NF[013]: 120 -103 0.000000
NF[014]: 124 -103 0.000000
NF[015]: 128 -103 0.000000
NF[016]: 132 -103 0.000000
NF[017]: 136 -103 0.000000
NF[018]: 140 -103 0.000000
##### END SECTION WLAN_SCAN_NOISE_FLOOR
##### BEGIN SECTION WLAN_CHANNEL_LIST WLAN channel list
[CHANNEL|FREQUENCY|MAX.POWER|MAX.REG.POW|FLAGS]
001: 2412 MHz 20 dBm 20 dBm 0x00000003 0x00000000 [ HT20 HT40 ] [ ]
002: 2417 MHz 20 dBm 20 dBm 0x00000003 0x00000000 [ HT20 HT40 ] [ ]
003: 2422 MHz 20 dBm 20 dBm 0x00000003 0x00000000 [ HT20 HT40 ] [ ]
004: 2427 MHz 20 dBm 20 dBm 0x00000803 0x00000000 [ HT20 HT40 ACTIVE ]
[ ]
005: 2432 MHz 20 dBm 20 dBm 0x00000803 0x00000000 [ HT20 HT40 ACTIVE ]
[ ]
006: 2437 MHz 20 dBm 20 dBm 0x00004803 0x00000000 [ HT20 HT40 ACTIVE
PRI_CHAN ] [ ]
007: 2442 MHz 20 dBm 20 dBm 0x00000803 0x00000000 [ HT20 HT40 ACTIVE ]
[ ]
008: 2447 MHz 20 dBm 20 dBm 0x00000803 0x00000000 [ HT20 HT40 ACTIVE ]
[ ]
009: 2452 MHz 20 dBm 20 dBm 0x00000003 0x00000000 [ HT20 HT40 ] [ ]
010: 2457 MHz 20 dBm 20 dBm 0x00000003 0x00000000 [ HT20 HT40 ] [ ]
011: 2462 MHz 20 dBm 20 dBm 0x00000003 0x00000000 [ HT20 HT40 ] [ ]
012: 2467 MHz 20 dBm 20 dBm 0x00000003 0x00000000 [ HT20 HT40 ] [ ]
013: 2472 MHz 20 dBm 20 dBm 0x00000003 0x00000000 [ HT20 HT40 ] [ ]
036: 5180 MHz 23 dBm 23 dBm 0x00000c0f 0x00000000 [ HT20 HT40 HT80
HT160 HT8080 ACTIVE ] [ ]
040: 5200 MHz 23 dBm 23 dBm 0x00000c0f 0x00000000 [ HT20 HT40 HT80
HT160 HT8080 ACTIVE ] [ ]
044: 5220 MHz 23 dBm 23 dBm 0x00004c0f 0x00000000 [ HT20 HT40 HT80
HT160 HT8080 ACTIVE PRI_CHAN ] [ ]
048: 5240 MHz 23 dBm 23 dBm 0x00000c0f 0x00000000 [ HT20 HT40 HT80
HT160 HT8080 ACTIVE ] [ ]
052: 5260 MHz 23 dBm 23 dBm 0x0000caf 0x00000000 [ HT20 HT40 HT80
HT160 DFS DFS_CLEAR HT8080 ACTIVE ] [ ]
056: 5280 MHz 23 dBm 23 dBm 0x0000caf 0x00000000 [ HT20 HT40 HT80
HT160 DFS DFS_CLEAR HT8080 ACTIVE ] [ ]
060: 5300 MHz 23 dBm 23 dBm 0x0000caf 0x00000000 [ HT20 HT40 HT80
HT160 DFS DFS_CLEAR HT8080 ACTIVE ] [ ]
064: 5320 MHz 23 dBm 23 dBm 0x0000caf 0x00000000 [ HT20 HT40 HT80
HT160 DFS DFS_CLEAR HT8080 ACTIVE ] [ ]
100: 5500 MHz 26 dBm 30 dBm 0x000004af 0x00000000 [ HT20 HT40 HT80
HT160 DFS DFS_CLEAR HT8080 ] [ ]
104: 5520 MHz 26 dBm 30 dBm 0x000004af 0x00000000 [ HT20 HT40 HT80
HT160 DFS DFS_CLEAR HT8080 ] [ ]
108: 5540 MHz 26 dBm 30 dBm 0x000004af 0x00000000 [ HT20 HT40 HT80
HT160 DFS DFS_CLEAR HT8080 ] [ ]
112: 5560 MHz 26 dBm 30 dBm 0x000004af 0x00000000 [ HT20 HT40 HT80
HT160 DFS DFS_CLEAR HT8080 ] [ ]
116: 5580 MHz 26 dBm 30 dBm 0x000004ef 0x00000000 [ HT20 HT40 HT80
HT160 DFS DFS_WEATHER DFS_CLEAR HT8080 ] [ ]
120: 5600 MHz 26 dBm 30 dBm 0x000004ef 0x00000000 [ HT20 HT40 HT80
HT160 DFS DFS_WEATHER DFS_CLEAR HT8080 ] [ ]
124: 5620 MHz 26 dBm 30 dBm 0x000004ef 0x00000000 [ HT20 HT40 HT80
HT160 DFS DFS_WEATHER DFS_CLEAR HT8080 ] [ ]

```

```
128: 5640 MHz 26 dBm 30 dBm 0x000004ef 0x00000000 [ HT20 HT40 HT80
HT160 DFS DFS_WEATHER DFS_CLEAR HT8080 ] [ ]
132: 5660 MHz 26 dBm 30 dBm 0x00000023 0x00000000 [ HT20 HT40 DFS ] [ ]
136: 5680 MHz 26 dBm 30 dBm 0x00000023 0x00000000 [ HT20 HT40 DFS ] [ ]
140: 5700 MHz 26 dBm 30 dBm 0x00000021 0x00000000 [ HT20 DFS ] [ ]
##### END SECTION WLAN_CHANNEL_LIST
##### BEGIN SECTION WLAN_CHANNEL_INFO WLAN channel info
[CHANNEL|MEDIUM LOAD]
001 7 %
006 5 %
011 2 %
036 0 %
040 0 %
044 0 %
056 2 %
100 0 %
108 0 %
112 0 %
##### END SECTION WLAN_CHANNEL_INFO
##### BEGIN SECTION WLAN_SCAN_SPECTRAL WLAN spectral scan
[INTERFERENCE TYPE|CENTER CHANNEL|FIRST CHANNEL|LAST CHANNEL]
Band: 1
--- no entries ---
Band: 2
--- no entries ---
##### END SECTION WLAN_SCAN_SPECTRAL
##### BEGIN SECTION WLAN_SCAN_RADIO_LOAD WLAN radio load
[GLOBAL USAGE|OWN_TX_USAGE]
Role: 2 [offset=0,interval=1,count=3600]
<<<<<BASE64:BEGIN>>>>>eNrtW91y7CAIfqFzEQQ0mb7/e51mp+5aGyO6YEynFyTNxh8E/AB
J4d/ygZ+0JATZs/TdaII0vkBpvt7xILlDQfaYPUaMX3pDhjYn33acSeKL+F5ybph1nK/r8kd
CmvFbF10sFZM2uXrje356+5zjv1EmJh00KDwSdvXuBC58Z1WUdtFcNCudSzXsDhXeecq80Bh1
4ECKvyQw1IwGRgASdSwKDrkB779HUMTr6waVpx3GTKvJWGDoYcJ1+o7UMpKzlyxZVJ2z95gva
y81y3CBZ5wH707rx8w5wu7xuhXSquRPsgwLD7zYWiAl1fgWurnfvrd3W9AUcZg7FOWa7Rftr
fxJaXsnyV2oBkfxWr7tJEaXNNnmf2yAJbxQv9Gx1jF06mX1SITE9iz6SU19017+md198Ur2iw
DV+JV725lp9EvynXixjmvJrkJ/f7Rza3CeMBiWxfcbgsl6KLbNhVeFyFGowKMZMXHLxGHqJOU
JQjgKr/AoOSCAhzHWjkAxpKMSBsR5175XO6vM6C4sPjSpDSsY7agUARD6a2A4QNketHtSfEy+
NnjIUY92ixfb9EHAH/vERYAHZ+lAmHENI1C300xVm9orcW8o5bICHEuAtcFA1M96UhfE+c+s5
EqzBN3+8uKSul5LJ3WikMDjhKsjqKdB2hgr8g5akda20Xh8HUKHMNHmp62BrkwsP6D0Zy54aQ
AxVSSlJqN8Me406f5Q0wqtWWnGFA6g2xdQaMP/JV3JC68ICjAovYSFpu98Z1o3Wg74dKXZLAK
aCEU9o2tyvnvXglcT8I91+xc/yasf+TLB4gUw3bY8U5g2AuMtQ5GduhZE/yG/xSp19mBRzDTt
lC4t9LsuEtE+c00foTftxBvJv78i05+QqFsSRHrX/008hPzJtlaWiddM0tnORN/dmZFaNsBDB
gtXtiNEUnH2VpWSop2p2aOzS8ab0aRXBQ0DkpINN6I4QnAz1D5UTKN0SD0KkD7Pj/OY510Mpk
XIXO/wEdkfrN<<<<<BASE64:END>>>>>
-----
Role: 1 [offset=0,interval=1,count=3600]
<<<<<BASE64:BEGIN>>>>>eNqNW1u25CAI3FB/xChqzt3/viatooCFPR/mzNzEF/IoCjt/wl/
6XH/0tvKJrT1vy+//k2n0fls/d/uW+8j34frQ/MAOkN/Oz/vu/aiPTmaEED55vkhiiM/7jtpH
Dtuy01z61VoWW+rbut+Zw18c3/JY3+94VWjMJERSwLv6/r22zdxqPt5tuN8NyT8CecX5gfyoj
kP4NryqWw1WhFS+78rYXTKSbAf0PlJ/WEHPM8yONHh8793zDuq9y03q+PRYktXsd53UvQnvNC
eZ9Ran/9M041YKLVX1VcnobggpuezsqXIeG+KFeQLh7yNrCndgC0Oa04yoOGLqLWYwZ421KJH
03fs/+yrRvE6CY3Pf4tiC3ZAd/zWk1B99J90w4pDNyVCkQtE+aumP/fr6O61zSN/eSfSWq2+m
X35oe9Ow+Kn9obrH7+DfB7niZnEGZT29JVeUCRyxtNAs/KLdGBIyq0zzJ1U4Qhs3yLGGIcs6h
Z7GscblkIa7smte60qjd9i8Hh8nmj7zupUz1IrYnKENxtWV3VsaetM18uhLn3ZS9xZQ2eBmcH
DmJn91rFy5yT1sG3+dBDkbfI2eT5s2txamZqOD9sbltE5qFz1913az8dBj6h8KAWRABJKVK2r
er3RQ+wA3HLit6hZ+XA/KMaALk8R25MBYkFHF7nabr9Hc9yfQeHqBe0luFrYZp60G1x9PlJaB
IUtKbdXWdpbH+C7n7o9yAHnkmBKbEwqKxBHUPegWBqrbJtSGDJtK9Xgct039j7+1AcoKpL/H4
foR7jY5qu5pbGY5JwAiGcdIzaTnt1xQUIwT0LgTtUUDTsvCW0spPC2v8GHYdLTe4M8P0Oohol
cvqD9kcF17CwuWJGGCQt9Jbco75oSlRXMam/csYzlpnGdIWbQTQiEHRFr7V/at8jgyEPI5AGo
LfbfE6rldGg1r/fI9u2Iia5Ex64VaCZyPkkGRioRL0hnaYzhtS3gn9km9hwqkTany2GzDm01h
```



```
JyCUi4OxaVdQFC7t+9Km2/s0dVT+NgP01aYsIx2PZm91eHHk0tgMqoibsn81cVFGNc4TstmOn
LcIYCONuTguWEN5bOPcrh8tORB1eeGAIjF2XK/os3iQkTGSc1JzXcrICSbUp7w3uABAEggE04
/dh4erLfgSGot4hOV70DeyVl7ABB6ToJ2xZg+k4rJSNnW3kaeM0PX0IJJgMJX4kWDowuntMzI
iL4xYX027tSbhENZHVZJ0SAGq4NrkokcuZPYPhVZFLFfgJ+3PIHpBh0zR8mi7Si4YF5Lszka8/
M0AJ75pdTs89XvsxmiWSXEImKK1lM13QpBjXP3PyOAEECNVX671lImbyRQMF1Zyhds6BnPzQj
pvHGsrBhbNa+pk8ZnIjWdgQt0LPLqNrK2SQyb6u4FB9YYyd6c55nqkcNjjnCVoCpPok/PBMzb
6TCqVCNW1ICtP/y/8WwEASZOUrPwvKal2fhN2DzJfXAN2Ibm8yx4RcVrZlGz2l0H+75EL7F0
ysG+JwTLgPJ5B1pAhyiTnscesZtvTwNOBY5I8jrCHvDhKsi6NzRDRPKRC7e52wgxMhtnTQEn2
Ei62iAKc+SS8XKI4fp4ju+0JhIDzsYWVB3A5SRi5u6jrRCnfILxvhH76UY8ht9TgQ9dGum7MK
w3RY6PJjrj2NXU7f1RditswyQzC9lqUJmYJnKFNqSYUsyST9c518j1R0EJ8jOsv6T/IBMSOeh
paT4TuJEEeo2NxoH2XgfLMOBMAtnWB06+hzFXJREzWC1hD6k6q4VqUV1CoggnV+ct+BBjSEUR
lh0iickhfHqcui/jgkz/STF7qgcbzTXU0j12TVCECKae0ZjJFFrUlnPjVveSAgeKQm3kQn1xr
SLCu500qNinXX61vybb2YmWCI5DUjmfQHxY5cIR6AOOj7jAgS5Yx3bVimRqRkeQzoirS3VPap
MprTjkyH+BYd01wnINf/4CcvQi4eUN7G+10kCs28bzsdKc+wSouEFhKFN5EUfvcv9hAZgAMX6Z
UXtW2+hjjSUzUS5SgWYtiYK8IiCth66gBsOSxmBMmaoyEiuLdMcge/CYJb4WmDALrFlu3iQW/
54g1Ba7pFWkeHr/zSy4EQngCZDGW+Q3M7N9Pcj6P51bnCoUmboJILqZl+39tN6OsmLUvoFiax
MvLfwewVJXvV8KuFabuvyhaFADcliStbS8MN6nLgTFGr9EE7XgAWa1YA9pQVwX27J7XiSIS+V
jPzexCJMA+xxYwC1303mXp8gEevkbrvgmpZsyRgYfwiGiI0cfcymwSgHSkwvgkupken07LzG/
JcZIlwMiy0Pb8s6BdLKSHNtqgbzRU7RHk0rpe3+4xm86Z6oGcQaNLXPPadndCpZQTQASAYeMr
466fbw3JZO/Vv/cc0/LYHWpdkxbxjRGffgf4sEnrx6flBVhVwfTOJa6Oerj6mhiK14o6fkMYz
mxqSVAREJg1kFPojbcKShVhRuvMk0/luRwaXFp5hjchahw+4Xapj3U2zZbjMzMNfwJaibj7sq2
HzmOfgrQXQ6gl0qlQfefiTYwbX4xyF4J2HmddSXsaBQR0+anoOc+MxSK4oX0SadjWmc9FrStU
EdVlXlg8eptz4Gfckq86Ifc6B+BL0dBbfP/jBnalvypLkDu7zDd+m2q7P5U9gmvlmJ9GNZth9
oZEmNnFu9qBJMNkHbaC9xVNdGjI0cftXwaVySj3st5wGXcoTFxnXR2XOYFV6lqgDq2tJ1cWoj
8uZEAR5+K1H8slfttyPASPp2ZnLeKzghXahMJrW0++AjBpqtba8+2MAjL2oI4nMGzdLYLK+QY
cgN2hnHHywWbYWY3uxljxv7Qc1ZvyPO3GpzRe2iy/933dr33Xco8m5y5BuATeJeS8Rjnv+dc
PCIRfUlmXm3wBCD53Pd68cgAR5+PdgIqhHutZrb7QvpE5uUZvHrDAuQCOZ796F8JCFbb+d
6Kt4WCq/yvp067ZU3gCuXb4sXM8nJ7hHa+xxV1/SiG1W8kFbEprMf65NJUcImzVOag+i5fABF
E8qdaHB951YeUPmBy+UVEx36B6dwt0NqG5ePifbiMDnOvlgeteNqccqWdVcXYrtkiBoLIOMxBd
q4rfzmHLDiH/f6sdmjLWYXtJ1Lb1Uv3V0FX07G4rSkBdossPkevZVC32dAftN8nGBelbKivPI
IUYdGqOwZ9Dy1ggmj+/idEgybfyBf/7iQo6ke8tVDB5uJ9zHkkmqHIU69SB8p3f+ie52ZDoLk
qW9OQvxBM4Lrj+90/uK9/CA==<<<<<BASE64:END>>>>>
```

```
##### END SECTION WLAN_SCAN_RADIO_LOAD
##### END SECTION WLAN_SCAN
```

```
##### BEGIN SECTION SCAN_TIME_CTRL Scheduler for automated scanning
```

```
init_state = 1
unique_handle = 3
observable = 0x6e132b88
Configuration list
handle = 0x00000002
User configuration:
  identifier = 'ACS-6h'
  scan_conditions = 0x0000003c
  time_sec = 21600
  time_retry_sec = 300
  radio_band = 0x0000000f
  p_initial_scan.time_sec = 0
  p_initial_scan.time_min_sec = 720
  p_initial_scan.time_max_sec = 900
Timer: (radio id=2,band=2,subband=1)
  timer = 0x6e255bc0
  time_sec = 21600
  last_idle_check = 20211208-160313
  timer_start_sec = 20211208-160313
  last_scan_sec = 20211208-160251
  last_scan_status = 0x00000000
  master_role = 0x6e104c18 / 2
  complied_conditions = 0x0000003c
  runtime_flags = 0x0000000f
```

```
Timer: (radio id=1,band=1,subband=1)
timer           = (nil)
time_sec        = 811
last_idle_check = 20211208-160313
timer_start_sec = 00000000-000000[up]
last_scan_sec   = 20211207-220144
last_scan_status = 0x00000000
master_role     = 0x6e11a810 / 1
complied_conditions = 0x00000038
runtime_flags   = 0x0000006b
```

-----  
handle = 0x00000001

User configuration:

```
identifier      = 'DEFAULT-1h'
scan_conditions = 0x0000003a
time_sec        = 3600
time_retry_sec  = 900
radio_band      = 0x0000000f
p_initial_scan.time_sec = 600
p_initial_scan.time_min_sec = 0
p_initial_scan.time_max_sec = 0
```

Timer: (radio id=2,band=2,subband=1)

```
timer           = (nil)
time_sec        = 600
last_idle_check = 20211208-160313
timer_start_sec = 00000000-000000[up]
last_scan_sec   = 20211207-144519
last_scan_status = 0x00000000
master_role     = 0x6e104c18 / 2
complied_conditions = 0x00000038
runtime_flags   = 0x0000000b
```

Timer: (radio id=1,band=1,subband=1)

```
timer           = 0x6e255200
time_sec        = 3600
last_idle_check = 20211208-160313
timer_start_sec = 20211208-211220
last_scan_sec   = 20211208-211220
last_scan_status = 0x00000000
master_role     = 0x6e11a810 / 1
complied_conditions = 0x0000003a
runtime_flags   = 0x0000006f
```

-----  
##### END SECTION SCAN\_TIME\_CTRL

##### BEGIN SECTION CONFIG\_MGR Configuration manager

```
state           = 1
state_machine:
  current_state = 2
general:
  scenario      = 5
  bridge_mode   = 'bridge-none'
  band_steering = 1
  guest_ap_auto_update = 1
  time_control_auto_update = 1
  time_control_no_forced_off = 1
debug:
  trace_state   = 0
  trace_parameter = ''
max_hw_id      = 2
derived_cfgid  = 1
```

```

config_recovery_ctx
  name           = 'config recovery'
  count          = 0
  counter_reset_timer = 0x(nil)
crash_recovery_ctx
  name           = 'crash recovery'
  count          = 0
  counter_reset_timer = 0x(nil)
error_origin    = 0
error_code      = 0
Role list:
(id/enabled/mac/mac_id/station_type/opmode/radio_band/ctrl_if_name/data_i
f_name/ref/master_change/state
 25/0/0E:91:AB:iX:iX:iX/16/ 1/10/ 2/hotspot23/hotspot23/ 2/ 0/10
 24/0/FE:91:AB:iX:iX:iX/15/ 1/10/ 2/hotspot22/hotspot22/ 2/ 0/10
 23/0/EE:91:AB:iX:iX:iX/14/ 1/10/ 2/hotspot21/hotspot21/ 2/ 0/10
 22/0/DE:91:AB:iX:iX:iX/13/ 1/10/ 2/hotspot20/hotspot20/ 2/ 0/10
 21/0/0E:91:AB:JX:JX:JX/16/ 1/10/ 1/hotspot19/hotspot19/ 1/ 0/10
 20/0/FE:91:AB:JX:JX:JX/15/ 1/10/ 1/hotspot18/hotspot18/ 1/ 0/10
 19/0/EE:91:AB:JX:JX:JX/14/ 1/10/ 1/hotspot17/hotspot17/ 1/ 0/10
 18/0/DE:91:AB:JX:JX:JX/13/ 1/10/ 1/hotspot16/hotspot16/ 1/ 0/10
 17/0/7E:91:AB:iX:iX:iX/ 7/ 1/ 9/ 2/  guest33/  guest33/ 2/ 0/10
 16/0/7E:91:AB:JX:JX:JX/ 7/ 1/ 9/ 1/  guest32/  guest32/ 1/ 0/10
 15/0/CE:91:AB:iX:iX:iX/12/ 1/ 7/ 2/hotspot15/hotspot15/ 2/ 0/10
 14/0/BE:91:AB:iX:iX:iX/11/ 1/ 7/ 2/hotspot14/hotspot14/ 2/ 0/10
 13/0/AE:91:AB:iX:iX:iX/10/ 1/ 7/ 2/hotspot13/hotspot13/ 2/ 0/10
 12/0/9E:91:AB:iX:iX:iX/ 9/ 1/ 7/ 2/hotspot12/hotspot12/ 2/ 0/10
 11/0/CE:91:AB:JX:JX:JX/12/ 1/ 7/ 1/hotspot11/hotspot11/ 1/ 0/10
 10/0/BE:91:AB:JX:JX:JX/11/ 1/ 7/ 1/hotspot10/hotspot10/ 1/ 0/10
 9/0/AE:91:AB:JX:JX:JX/10/ 1/ 7/ 1/ hotspot9/  hotspot9/ 1/ 0/10
 8/0/9E:91:AB:JX:JX:JX/ 9/ 1/ 7/ 1/ hotspot8/  hotspot8/ 1/ 0/10
 7/0/5E:91:AB:JX:JX:JX/ 5/ 3/ 3/ 1/  sta2/  sta2/ 1/ 0/10
 6/0/3E:91:AB:iX:iX:iX/ 3/ 2/ 4/ 2/  wdsup3/  wdsup3/ 2/ 0/10
 5/0/3E:91:AB:JX:JX:JX/ 3/ 2/ 4/ 1/  wdsup2/  wdsup2/ 1/ 0/10
 4/0/2E:91:AB:iX:iX:iX/ 2/ 1/ 2/ 2/  guest5/  guest5/ 2/ 0/10
 3/0/2E:91:AB:JX:JX:JX/ 2/ 1/ 2/ 1/  guest4/  guest4/ 1/ 0/10
 2/1/2C:91:AB:iX:iX:iX/ 1/ 1/ 1/ 2/  ath1/  ath1/ 2/ 0/ 9
 1/1/2C:91:AB:JX:JX:JX/ 1/ 1/ 1/ 1/  ath0/  ath0/ 1/ 0/ 9
##### END SECTION CONFIG_MGR

##### BEGIN SECTION TIMER_MODULE
Timer schedule list:
  [ 'EP info update', 'Nexus do_timer', 'kpi high frequency timer',
    'WLAND_MEM_CHECK', 'kpi slot end timer', 'SCAN_TIME_CTRL',
    'SCAN_TIME_CTRL' ]
##### END SECTION TIMER_MODULE

##### BEGIN SECTION WLAN_AUTOCOUNTRY WLAN neighbor country distribution
Most frequent known countries during initial scan:
wlancsi_global_iso3166_numeric=276
##### END SECTION WLAN_AUTOCOUNTRY

##### BEGIN SECTION WLAND_GEN WLAND general support data
Current FDs in use:
  fd[0]: 0, (Info: stdin fd [/dev/null])
  fd[1]: 1, (Info: stdout fd [/dev/console])
  fd[2]: 2, (Info: stderr fd [/dev/console])
  fd[3]: 3, (Info: -- not available -- [/dev/watchdog])
  fd[4]: 4, (Info: dbg support log fd [/var/tmp/wland_support.log])
  fd[5]: 5, (Info: -- not available -- [anon_inode:[eventpoll]])

```

```

fd[6]: 6, (Info: event_mgr internal event [socket:[5956]])
fd[7]: 7, (Info: TIRPC [socket:[5959]])
fd[8]: 8, (Info: -- not available -- [/dev/krext_d_wlan])
fd[9]: 9, (Info: -- not available -- [/dev/watchdog])
fd[10]: 10, (Info: HAL: AVM events [/dev/avm_event])
fd[11]: 11, (Info: HAL: netlink [socket:[5977]])
fd[12]: 12, (Info: nexus mgmt [socket:[10399]])
fd[13]: 13, (Info: TIRPC [socket:[10402]])
fd[14]: 14, (Info: TIRPC [socket:[11723]])
fd[15]: 15, (Info: -- not available -- [socket:[10407]])
fd[16]: 16, (Info: HAL: Steering netlink [socket:[10408]])
fd[17]: 17, (Info: HAL: Spectral netlink [socket:[9646]])
fd[18]: 18, (Info: nexus listen [socket:[9647]])
fd[19]: 19, (Info: nexus listen [socket:[9649]])
fd[20]: 20, (Info: -- not available -- [socket:[11724]])
fd[21]: 21, (Info: TIRPC [socket:[558032]])
fd[22]: 22, (Info: -- not available -- [socket:[558033]])
fd[23]: 23, (Info: TIRPC [socket:[1960612]])
fd[24]: 24, (Info: -- not available -- [socket:[1960613]])
fd[25]: 25, (Info: dbg support data fd
[/var/tmp/wland_support_data.txt])
fd[26]: 26, (Info: -- proc dir fd used by this check --
[/proc/3297/fd])

```

##### END SECTION WLAND\_GEN

##### END SECTION WLAND

##### BEGIN SECTION WLAN\_TRACE\_MGMT WLAN Management Trace  
Management trace removed  
##### END SECTION WLAN\_TRACE\_MGMT

PCI Devices

```

-----
-----
0000 80862b80 0 0 0 0
0 0 0 0 0
0 0 0 0 0
0 iosf_mbi_pci
0058 80862bdc 75 50d1c004 0 0
0 0 0 0 1000
0 0 0 0 0
0 puma_thermal_driver
0060 80862be2 15 50600000 0 50d44000
0 0 0 0 200000
0 1000 0 0 0
0 sec_kernel
0068 80862be9 73 40000000 50c00000 0
0 0 0 0 10000000
100000 0 0 0 0
0 0 ce-net-subsystem
0069 80862be8 76 50d18000 0 0
0 0 0 0 4000
0 0 0 0 0
0 DWC_ETH_QOS
0070 80862be6 15 50b00000 0 50d43000
0 0 0 0 100000

```

```

0          1000          0          0          0
0
00a0 80862bb5 77          50d00004          0          0
0          0          0          0          10000
0          0          0          0          0
0      xhci_hcd
00b0 80862bb7 ff          50400000          0          0
0          0          0          0          200000
0          0          0          0          0
0
00d0 80862b98 74          50a00000          50900000          0
0          0          0          0          100000
100000          0          0          0          0
0          0 mei_txe
00d8 80862be7 15          50800000          0          50d2d000
0          0          0          0          100000
0          1000          0          0          0
0
00e0 80862bc8 14          0          0          0
0          0          0          0          0
0          0          0          0          0
0      pcieport
00e1 80862bca 11          0          0          0
0          0          0          0          0
0          0          0          0          0
0      pcieport
00f8 80862b9c 0          0          0          0
0          0          0          0          0
0          0          0          0          0
0      lpc_ich
00fb 80860f12 80000000          50d1d000          0
0          0          1001          0          0
20          0          0          0          20
0          0 i801_smbus
0100 168c0046 14          50200004          0          0
0          0          0          0          200000
0          0          0          0          0
0      ath_ol_pci
0200 168c0046 11          50000004          0          0
0          0          0          0          200000
0          0          0          0          0
0      ath_ol_pci
-----

```

```

WLAN env
-----
HWRevision=233
HWSubRevision=8
maca=2C:91:AB:IX:IX:IX
macwlan=2C:91:AB:iX:iX:iX
macwlan2=2C:91:AB:JX:JX:JX

```

```

calibration infos
-----
eeprom1:
eeprom_type=6 (QCA99xx/IPQ40xx)
eeprom_status=4 (EEPROM_MAN)
minCCAPwr_enabled=1

```

minCCAPwrThreshCh\_2GHz=0  
minCCAPwrThreshCh\_5GHz=-70  
CCAPwr\_enabled=0

eeeprom2:  
eeeprom\_type=6 (QCA99xx/IPQ40xx)  
eeeprom\_status=4 (EEPROM\_MAN)  
minCCAPwr\_enabled=1  
minCCAPwrThreshCh\_2GHz=-67  
minCCAPwrThreshCh\_5GHz=0  
CCAPwr\_enabled=0

eeeprom3:  
eeeprom\_type=0 (Unknown)  
eeeprom\_status=0 (EEPROM\_UNKNOWN)  
eeeprom not loaded!

Country info  
-----  
(Country=049)

chan info from driver:  
wifi0 getCountryID:276  
channel list, iface=wifi0, count=19:  
chan= 36 (5180), maxpwr=23, regpwr=23, flags=00000c0f HT20 HT40 HT80  
HT160 HT8080 ACTIVE  
chan= 40 (5200), maxpwr=23, regpwr=23, flags=00000c0f HT20 HT40 HT80  
HT160 HT8080 ACTIVE  
chan= 44 (5220), maxpwr=23, regpwr=23, flags=00004c0f HT20 HT40 HT80  
HT160 HT8080 ACTIVE PRI\_CHAN  
chan= 48 (5240), maxpwr=23, regpwr=23, flags=00000c0f HT20 HT40 HT80  
HT160 HT8080 ACTIVE  
chan= 52 (5260), maxpwr=23, regpwr=23, flags=00000caf HT20 HT40 HT80  
HT160 HT8080 DFS DFS\_CLEAR ACTIVE  
chan= 56 (5280), maxpwr=23, regpwr=23, flags=00000caf HT20 HT40 HT80  
HT160 HT8080 DFS DFS\_CLEAR ACTIVE  
chan= 60 (5300), maxpwr=23, regpwr=23, flags=00000caf HT20 HT40 HT80  
HT160 HT8080 DFS DFS\_CLEAR ACTIVE  
chan= 64 (5320), maxpwr=23, regpwr=23, flags=00000caf HT20 HT40 HT80  
HT160 HT8080 DFS DFS\_CLEAR ACTIVE  
chan=100 (5500), maxpwr=26, regpwr=30, flags=000004af HT20 HT40 HT80  
HT160 HT8080 DFS DFS\_CLEAR  
chan=104 (5520), maxpwr=26, regpwr=30, flags=000004af HT20 HT40 HT80  
HT160 HT8080 DFS DFS\_CLEAR  
chan=108 (5540), maxpwr=26, regpwr=30, flags=000004af HT20 HT40 HT80  
HT160 HT8080 DFS DFS\_CLEAR  
chan=112 (5560), maxpwr=26, regpwr=30, flags=000004af HT20 HT40 HT80  
HT160 HT8080 DFS DFS\_CLEAR  
chan=116 (5580), maxpwr=26, regpwr=30, flags=000004ef HT20 HT40 HT80  
HT160 HT8080 DFS DFS\_WEATHER DFS\_CLEAR  
chan=120 (5600), maxpwr=26, regpwr=30, flags=000004ef HT20 HT40 HT80  
HT160 HT8080 DFS DFS\_WEATHER DFS\_CLEAR  
chan=124 (5620), maxpwr=26, regpwr=30, flags=000004ef HT20 HT40 HT80  
HT160 HT8080 DFS DFS\_WEATHER DFS\_CLEAR  
chan=128 (5640), maxpwr=26, regpwr=30, flags=000004ef HT20 HT40 HT80  
HT160 HT8080 DFS DFS\_WEATHER DFS\_CLEAR  
chan=132 (5660), maxpwr=26, regpwr=30, flags=00000023 HT20 HT40 DFS  
chan=136 (5680), maxpwr=26, regpwr=30, flags=00000023 HT20 HT40 DFS  
chan=140 (5700), maxpwr=26, regpwr=30, flags=00000021 HT20 DFS

```
wifi1      getCountryID:276
channel list, iface=wifi1, count=13:
chan= 1 (2412), maxpwr=20, regpwr=20, flags=00000003 HT20 HT40
chan= 2 (2417), maxpwr=20, regpwr=20, flags=00000003 HT20 HT40
chan= 3 (2422), maxpwr=20, regpwr=20, flags=00000003 HT20 HT40
chan= 4 (2427), maxpwr=20, regpwr=20, flags=00000803 HT20 HT40 ACTIVE
chan= 5 (2432), maxpwr=20, regpwr=20, flags=00000803 HT20 HT40 ACTIVE
chan= 6 (2437), maxpwr=20, regpwr=20, flags=00004803 HT20 HT40 ACTIVE
PRI_CHAN
chan= 7 (2442), maxpwr=20, regpwr=20, flags=00000803 HT20 HT40 ACTIVE
chan= 8 (2447), maxpwr=20, regpwr=20, flags=00000803 HT20 HT40 ACTIVE
chan= 9 (2452), maxpwr=20, regpwr=20, flags=00000003 HT20 HT40
chan= 10 (2457), maxpwr=20, regpwr=20, flags=00000003 HT20 HT40
chan= 11 (2462), maxpwr=20, regpwr=20, flags=00000003 HT20 HT40
chan= 12 (2467), maxpwr=20, regpwr=20, flags=00000003 HT20 HT40
chan= 13 (2472), maxpwr=20, regpwr=20, flags=00000003 HT20 HT40
```

```
iwconfig
```

```
-----
```

```
ath0      IEEE 802.11ng  ESSID: "SECRET"
          Mode:Master  Frequency:2.437 GHz  Access Point:
2C:91:AB:JX:JX:JX
          Bit Rate:378.4 Mb/s   Tx-Power:20 dBm
          RTS thr:off   Fragment thr:off
          Encryption key:XXXX-XXXX-XXXX-XXXX-XXXX-XXXX-XXXX-XXXX [3]
Security mode:restricted
          Power Management:off
          Link Quality=94/94  Signal level=-97 dBm  Noise level=-95 dBm
          Rx invalid nwid:255668  Rx invalid crypt:0  Rx invalid frag:0
          Tx excessive retries:0  Invalid misc:0  Missed beacon:0
```

```
ath1      IEEE 802.11ac  ESSID: "SECRET"
          Mode:Master  Frequency:5.22 GHz  Access Point:
2C:91:AB:iX:iX:iX
          Bit Rate:1.7333 Gb/s   Tx-Power:23 dBm
          RTS thr:off   Fragment thr:off
          Encryption key:XXXX-XXXX-XXXX-XXXX-XXXX-XXXX-XXXX-XXXX [2]
Security mode:restricted
          Power Management:off
          Link Quality=94/94  Signal level=-97 dBm  Noise level=-95 dBm
          Rx invalid nwid:43834  Rx invalid crypt:0  Rx invalid frag:0
          Tx excessive retries:0  Invalid misc:0  Missed beacon:0
```

```
content of /proc/net/wireless
```

```
-----
```

| Inter-Missed | face   tus   22 | Quality | link level | noise | Discarded packets | nwid | crypt | frag | retry | misc |
|--------------|-----------------|---------|------------|-------|-------------------|------|-------|------|-------|------|
| wifi0:       | 0000            | 0       | 0          | 0     | 0                 | 0    | 0     | 0    | 0     | 0    |
| wifi1:       | 0000            | 0       | 0          | 0     | 0                 | 0    | 0     | 0    | 0     | 0    |
| ath1:        | 0001            | 94.     | -97.       | -95.  | 43834             | 0    | 0     | 0    | 0     | 0    |
| ath0:        | 0001            | 94.     | -97.       | -95.  | 255668            | 0    | 0     | 0    | 0     | 0    |

```
environment @ath0 ath1 ath2
```

-----

@ath0: /sbin/wlanconfig list scan

| SSID   | BSSID             | CHAN            | RATE | S:N         | INT | CAPS        |
|--------|-------------------|-----------------|------|-------------|-----|-------------|
| SECRET | 74:ea:3a:rX:rX:rX | 54M 47:0        | 100  | EPSs        | ??? | ???         |
| WPA    | ???               | WME VEN 11N VEN | ???  | ATH VEN VEN | VEN |             |
| SECRET | a8:f5:dd:sX:sX:sX | 54M 20:0        | 100  | EPSs        | ??? | ???         |
| ???    | ???               | ???             | 11N  | ???         | ??? | WME VEN VEN |
| SECRET | 98:e7:f4:YX:YX:YX | 54M 51:0        | 100  | EPs         | ??? | ???         |
| ???    | RSN 11N           | ???             | VEN  | WME         | VEN | VEN         |
| SECRET | 4a:4e:fc:OX:OX:OX | 54M 16:0        | 100  | EPSs        | ??? | ???         |
| ???    | 11N               | ???             | ???  | WME         |     |             |
| SECRET | 70:54:25:lX:lX:lX | 54M 0:0         | 100  | EPSs        | ??? | ???         |
| ???    | 11N               | ???             | ???  | WME         | VEN | VEN         |
| SECRET | 48:4e:fc:OX:OX:OX | 54M 16:0        | 100  | EPSs        | ??? | ???         |
| ???    | 11N               | ???             | ???  | WME         | VEN | VEN         |
| SECRET | c8:52:61:SX:SX:SX | 54M 8:0         | 100  | EPSs        | ??? | ???         |
| RSN    | ???               | 11N             | ???  | ???         | WME | VEN VEN     |

@ath1: /sbin/wlanconfig list scan

| SSID   | BSSID             | CHAN     | RATE | S:N | INT | CAPS        |
|--------|-------------------|----------|------|-----|-----|-------------|
| SECRET | 48:4e:fc:oX:oX:oX | 54M 21:0 | 100  | EPS | ??? | ???         |
| 11N    | ???               | ???      | 11AC | ??? | ??? | WME VEN VEN |
| SECRET | 4a:4e:fc:oX:oX:oX | 54M 22:0 | 100  | EPS | ??? | ???         |
| 11N    | ???               | ???      | 11AC | ??? | ??? | WME         |

connected nodes @ath0 ath1 ath2 sta1 sta2 sta3 sta4 sta5 wdsup1 wdsup2 wdsup3 guest2 guest4 guest5 guest6 guest7 guest8

ath0: wlanconfig list sta

ath1: wlanconfig list sta

| ADDR                         | AID                        | CHAN | TXRATE                    | RXRATE   | RSSI | MINRSSI | MAXRSSI | IDLE |     |     |     |
|------------------------------|----------------------------|------|---------------------------|----------|------|---------|---------|------|-----|-----|-----|
| 18:87:40:GX:GX:GX            | 1                          | 44   | 433M                      | 433M     | 43   | 12      | 57      | 0    |     |     |     |
| 65535                        | EP                         | EWBO | 0                         | 1400000b |      | 0       |         | AWPS |     |     |     |
| gGR 05:27:27                 | RSN                        | WME  | IEEE80211_MODE_11AC_VHT80 |          |      | 1       | 1       | 1    |     |     |     |
| Minimum Tx Power             |                            |      |                           |          |      |         |         |      |     |     |     |
| : 8                          |                            |      |                           |          |      |         |         |      |     |     |     |
| Maximum Tx Power             | : 20                       |      |                           |          |      |         |         |      |     |     |     |
| HT Capability                | : Yes                      |      |                           |          |      |         |         |      |     |     |     |
| VHT Capability               | : Yes                      |      |                           |          |      |         |         |      |     |     |     |
| MU capable                   | : Yes                      |      |                           |          |      |         |         |      |     |     |     |
| SNR                          | : 43                       |      |                           |          |      |         |         |      |     |     |     |
| Operating band               | : 5GHz                     |      |                           |          |      |         |         |      |     |     |     |
| Current Operating class      | : 129                      |      |                           |          |      |         |         |      |     |     |     |
| Supported Operating classes: | 129                        | 81   | 83                        | 84       | 115  | 116     | 117     | 118  | 119 |     |     |
|                              | 120                        | 121  | 122                       | 123      | 124  | 125     | 126     | 127  | 128 | 129 | 130 |
| Supported Rates              | : 12 18 24 36 48 72 96 108 |      |                           |          |      |         |         |      |     |     |     |

node table dump @wifi0 wifi1 wifi2

wifi0: avmwlancfg dump\_nodes

```
ic: flags c0400, ext c2a092, caps 6583e73f, cex 5c, acap 0, axcap 0, open
0, curchan 44, opmode 6
0xa45f4000@ath1: mac 2c:91:ab:KX:KX:KX refcnt 6
  scangen 0 authmode 0 flags 0x0
  associd 0x0 txpower 46 vlan 0
```



```
streams 0, nichan 44, vapchan 44
flags :
htcaps: ADVCODING CH40 PS/DYN SM/RES SHORT20 SHORT40 TXSTBC RXSTBC
MAXAMPDU8K DSSSCCK40
vhtcaps:
rates : 0=140 1=18 2=152 3=36 4=176 5=72 6=96 7=108
htrates: 0=0 1=1 2=2 3=3 4=4 5=5 6=6 7=7 8=8 9=9 10=10 11=11 12=12
13=13 14=14 15=15 16=16 17=17 18=18 19=19 20=20 21=21 22=22 23=23 24=24
25=25 26=26 27=27 28=28 29=29 30=30 31=31
ucastKeyIX: 65535(0, flags 3), nwKeys: ix 0=65535(0, flags 3) ix
1=1(1, flags 7) ix 2=2(1, flags 6) ix 3=65535(0, flags 3) def 1
igtkeyIX: 0(0, flags 0)
No WDS station info available
```

```
0xa774f000@ath1: mac 18:87:40:GX:GX:GX refcnt 2
scangen 797199 authmode 0 flags 0x1400000b
associd 0xc001 txpower 46 vlan 0
streams 1, nichan 44, vapchan 44
MU-MIMO capable
flags : AUTH QOS HT RRM VHT
htcaps: ADVCODING CH40 PS/DYN SM/RES SHORT20 SHORT40 RXSTBC
vhtcaps: SGI80 RX-LDPC RX-STBC SUBFORMEE MUBFORMEE
rates : 0=140 1=18 2=152 3=36 4=176 5=72 6=96 7=108
htrates: 0=0 1=1 2=2 3=3 4=4 5=5 6=6 7=7
ucastKeyIX: 5(1, flags 3), nwKeys: ix 0=65535(0, flags 3) ix 1=1(1,
flags 7) ix 2=2(1, flags 6) ix 3=65535(0, flags 3) def 1
igtkeyIX: 0(0, flags 0)
No WDS station info available
```

<END, 6768 bytes free>

```
wifi1: avmwlanconfig dump_nodes
ic: flags c0400, ext c2a092, caps 6583e73f, cex 5c, acap 0, axcap 0, open
0, curchan 6, opmode 6
0xabc2a000@ath0: mac 2c:91:ab:kX:kX:kX refcnt 5
scangen 0 authmode 0 flags 0x0
associd 0x0 txpower 40 vlan 0
streams 0, nichan 6, vapchan 6
flags :
htcaps: ADVCODING CH40 PS/DYN SM/RES SHORT20 SHORT40 TXSTBC RXSTBC
MAXAMPDU8K DSSSCCK40
vhtcaps:
rates : 0=130 1=132 2=139 3=150 4=140 5=18 6=152 7=36 8=176 9=72
10=96 11=108
htrates: 0=0 1=1 2=2 3=3 4=4 5=5 6=6 7=7 8=8 9=9 10=10 11=11 12=12
13=13 14=14 15=15 16=16 17=17 18=18 19=19 20=20 21=21 22=22 23=23 24=24
25=25 26=26 27=27 28=28 29=29 30=30 31=31
ucastKeyIX: 65535(0, flags 3), nwKeys: ix 0=65535(0, flags 3) ix
1=1(1, flags 6) ix 2=2(1, flags 7) ix 3=65535(0, flags 3) def 2
igtkeyIX: 0(0, flags 0)
No WDS station info available
```

<END, 7370 bytes free>

```
OL WDS AST
-----
'wifi0':
```

0 -> 2c:91:ab:KX:KX:KX  
41 -> 18:87:40:GX:GX:GX

'wifi1':  
0 -> 2c:91:ab:kX:kX:kX

queue dump @ath0 ath1 ath2  
-----  
ath0: avmwlancfg dump\_queues  
Hardware queue dump not jet supported on wifi1.

Node TID Queues (empty TIDs hidden):  
ath0: mac 2c:91:ab:kX:kX:kX refcnt 5  
TID queue dump not jet supported on wifi1.

<END, 3969 bytes>

ath1: avmwlancfg dump\_queues  
Hardware queue dump not jet supported on wifi0.

Node TID Queues (empty TIDs hidden):  
ath1: mac 2c:91:ab:KX:KX:KX refcnt 6  
TID queue dump not jet supported on wifi0.  
ath1: mac 18:87:40:GX:GX:GX refcnt 2  
TID queue dump not jet supported on wifi0.

<END, 3880 bytes>

athstats  
-----  
'wifi0':

### Tx ###  
comp\_queued : 4373675  
comp\_delivered : 6299526  
msdu\_enqueued : 11705873  
wmm\_drop : 957  
local\_enqueued : 7982698  
local\_freed : 7982698  
hw\_queued : 10258759  
hw\_reaped : 10258759  
underrun : 18  
tx\_abort : 0  
mpdus\_requed : 259169  
excess\_retries : 43380  
last\_rc : 201  
sched\_self\_trig : 0

### Rx ###  
status\_rcvd : 2855906  
r0\_frags : 0  
r1\_frags : 584  
r2\_frags : 2373  
htt\_msdu : 1171705  
htt\_mpdus : 943743  
loc\_msdu : 1555005

```

loc_mpdu      : 1555005
oversize_amsdu : 0
phy_errs     : 209348
phy_errs dropped : 165
mpdu_errs    : 163336
txrx stats:
  tx: 3722433 msdus (3322571766 B)
  rx: 1133536 msdus, 241646889 bytes
ast_be_xmit   : 7960116
ast_be_nobuf  : 0
ast_tx_buf_count : 2500
ast_tx_packets : 11704649
ast_rx_packets : 1168053
ast_tx_mgmt   : 7982698
ast_tx_nobuf  : 957
ast_tx_xretries : 43380
ast_rx_num_data : 1167760
ast_rx_data_bytes : 241647273
ast_rx_num_mgmt : 0
ast_rx_num_ctl : 0
ast_tx_rssi   : 38
ast_rx_rssi_comb : 45
ast_rx_rssi_chain0 : 39 8 17 0
ast_rx_rssi_chain1 : 42 12 20 0
ast_rx_rssi_chain2 : 38 8 18 0
ast_rx_rssi_chain3 : 29 25 32 5
ast_rx_bytes  : 241688736
ast_tx_bytes  : 3465838901
tx_compaggr  : 664538
rx_aggr      : 12638
tx_retries   : 259169
tx_xretries  : 38
tx_bawadv    : 9696613
tx_compunaggr : 1075688
ast_rxorn    : 0
ast_txurn    : 18
ast_txto     : 0
ast_mib      : 0
ast_rx_badcrypt : 0
ast_rx_badmic : 0
target assert count : 0
noise floor  : -100
noise floor (sec 80): 0
Last MSDU unset cnt : 0
Rx MCS STATS:
mcs 0- mcs 4 STATS: 0, 0, 0, 0, 0,
mcs 5- mcs 9 STATS: 0, 0, 0, 0, 173,
Tx MCS STATS:
mcs 0- mcs 4 STATS: 0, 0, 0, 0, 0,
mcs 5- mcs 9 STATS: 0, 0, 0, 0, 125,
RX Rate Info:
MCS counts (0..9): 0, 0, 0, 0, 0, 0, 0, 0, 0, 173
SGI counts (0..9): 0, 0, 0, 0, 0, 0, 0, 0, 0, 173
NSS counts: 1x1 173, 2x2 0, 3x3 0, 4x4 0
NSTS count: 0
BW counts: 20MHz 24, 40MHz 0, 80MHz 149, 160MHz 0
Preamble counts: 184, 0, 0, 173, 0, 0
STBC rate counts (0..9): 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
LDPC TXBF Counts: 173, 0
RSSI (data, mgmt): 45, 38

```

RSSI Chain 0 (0x80 0x11 0x08 0x27)  
RSSI Chain 1 (0x80 0x14 0x0c 0x2a)  
RSSI Chain 2 (0x80 0x12 0x08 0x26)  
RSSI Chain 3 (0x05 0x80 0x80 0x80)  
RSSI (comb\_ht): 128  
TX Rate Info:  
MCS counts (0..9): 0, 0, 0, 0, 0, 0, 0, 0, 0, 125  
SGI counts (0..9): 0, 0, 0, 0, 0, 0, 0, 0, 0, 125  
NSS counts: 1x1 125, 2x2 0, 3x3 0, 4x4 0  
BW counts: 20MHz 0, 40MHz 0, 80MHz 125, 160MHz 0  
Preamble (O C H V) counts: 1074, 0, 0, 125  
STBC rate counts (0..9): 0, 0, 0, 0, 0, 0, 0, 0, 0, 0  
LDPC Count: 125  
RTS Count: 0  
RSSI of last received ack: 128 255 255

'wifil':

### Tx ###

comp\_queued : 2028632  
comp\_delivered : 2917716  
msdu\_enqueued : 8979713  
wmm\_drop : 0  
local\_enqueued : 8658040  
local\_freed : 8658040  
hw\_queued : 9536350  
hw\_reaped : 9536350  
underrun : 3  
tx\_abort : 0  
mpdus\_requed : 807843  
excess retries : 733088  
last rc : 67  
sched self trig : 0

### Rx ###

status\_rcvd : 13190016  
r0\_frags : 0  
r1\_frags : 698  
r2\_frags : 730  
htt\_msdu : 149898  
htt\_mpdus : 149704  
loc\_msdu : 12634547  
loc\_mpdus : 12634547  
oversize\_amsdu : 0  
phy\_errs : 1352930  
phy\_errs dropped : 109177  
mpdu\_errs : 421296

txrx stats:

tx: 321555 msdus (353965716 B)  
rx: 134012 msdus, 31180460 bytes  
ast\_be\_xmit : 7946577  
ast\_be\_nobuf : 0  
ast\_tx\_buf\_count : 2500  
ast\_tx\_packets : 8979539  
ast\_rx\_packets : 149893  
ast\_tx\_mgmt : 8658040  
ast\_tx\_nobuf : 0  
ast\_tx\_xretries : 733088  
ast\_rx\_num\_data : 149762  
ast\_rx\_data\_bytes : 31181305

```

ast_rx_num_mgmt      : 0
ast_rx_num_ctl       : 0
ast_tx_rssi          : 0
ast_rx_rssi_comb     : 0
ast_rx_rssi_chain0   : 9      2      0      0
ast_rx_rssi_chain1   : 10     3      0      0
ast_rx_rssi_chain2   : 4      3      0      0
ast_rx_rssi_chain3   : 6      0      0      0
ast_rx_bytes         : 31192949
ast_tx_bytes         : 366737262
tx_compaggr         : 90040
rx_aggr              : 12366
tx_retries           : 807843
tx_xretries          : 12
tx_bawadv            : 8761934
tx_compunaggr       : 14221
ast_rxorn            : 0
ast_txurn            : 3
ast_txto             : 0
ast_mib              : 0
ast_rx_badcrypt     : 0
ast_rx_badmic        : 0
target assert count  : 0
noise floor          : -104
noise floor (sec 80) : 0
Last MSDU unset cnt : 0
  Rx MCS STATS:
  mcs 0- mcs 4 STATS:    0,    0,    0,    0,    0,
  mcs 5- mcs 9 STATS:    0,    0,    0,    0,    0,
  Tx MCS STATS:
  mcs 0- mcs 4 STATS:    0,    0,    0,    0,    0,
  mcs 5- mcs 9 STATS:    0,    0,    0,    0,    0,
RX Rate Info:
MCS counts (0..9): 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
SGI counts (0..9): 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
NSS counts: 1x1 0, 2x2 0, 3x3 0, 4x4 0
NSTS count: 0
BW counts: 20MHz 0, 40MHz 0, 80MHz 0, 160MHz 0
Preamble counts: 0, 0, 0, 0, 0, 0
STBC rate counts (0..9): 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
LDPC TXBF Counts: 0, 0
RSSI (data, mgmt): 0, 7
RSSI Chain 0 (0x80 0x80 0x80 0x07)
RSSI Chain 1 (0x80 0x80 0x80 0x80)
RSSI Chain 2 (0x80 0x80 0x80 0x80)
RSSI Chain 3 (0x80 0x80 0x80 0x80)
RSSI (comb_ht): 128
TX Rate Info:
MCS counts (0..9): 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
SGI counts (0..9): 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
NSS counts: 1x1 0, 2x2 0, 3x3 0, 4x4 0
BW counts: 20MHz 0, 40MHz 0, 80MHz 0, 160MHz 0
Preamble (O C H V) counts: 0, 0, 0, 0
STBC rate counts (0..9): 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
LDPC Count: 0
RTS Count: 0
RSSI of last received ack: 0 0 0

```

-----  
'ath0':

'ath1':

txrx\_fw\_stats-2

-----  
'ath0':

'ath1':

thermaltool

-----  
'wifi0':

Thermal config for wifi0

enable: 1, dc: 100, dc\_per\_event: 2  
level: 0, low thresold: -100, high thresold: 110, dcoffpercent: 0,  
queue priority 7, policy; 1  
level: 1, low thresold: 100, high thresold: 120, dcoffpercent: 50,  
queue priority 7, policy; 1  
level: 2, low thresold: 110, high thresold: 135, dcoffpercent: 90,  
queue priority 7, policy; 1  
level: 3, low thresold: 125, high thresold: 150, dcoffpercent: 100,  
queue priority 7, policy; 1

Thermal stats for wifi0

sensor temperature: 70, current level: 0  
level: 0, entry count: 0, duty cycle spent: 815795  
level: 1, entry count: 0, duty cycle spent: 0  
level: 2, entry count: 0, duty cycle spent: 0  
level: 3, entry count: 0, duty cycle spent: 0

'wifil':

Thermal config for wifil

enable: 1, dc: 100, dc\_per\_event: 2  
level: 0, low thresold: -100, high thresold: 110, dcoffpercent: 0,  
queue priority 7, policy; 1  
level: 1, low thresold: 100, high thresold: 120, dcoffpercent: 50,  
queue priority 7, policy; 1  
level: 2, low thresold: 110, high thresold: 135, dcoffpercent: 90,  
queue priority 7, policy; 1  
level: 3, low thresold: 125, high thresold: 150, dcoffpercent: 100,  
queue priority 7, policy; 1

Thermal stats for wifil

sensor temperature: 59, current level: 0  
level: 0, entry count: 0, duty cycle spent: 816359  
level: 1, entry count: 0, duty cycle spent: 0  
level: 2, entry count: 0, duty cycle spent: 0  
level: 3, entry count: 0, duty cycle spent: 0

80211stats

-----

'ath0':

3 rx discard mgt frames  
255668 rx frame ssid mismatch  
49 rx action mgt  
\*\*\*\* 80211 unicast stats \*\*\*\*  
307610 frames successfully transmitted

133379 frames successfully received  
2788 tx dropped by NIC  
\*\*\*\* 80211 multicast stats \*\*\*\*  
13889 frames successfully transmitted  
649 frames successfully received

'ath1':  
3 rx discard 'cuz sta !assoc  
43834 rx frame ssid mismatch  
3 rx assoc w/o auth  
1045 rx action mgt  
\*\*\*\* 80211 unicast stats \*\*\*\*  
2646550 frames successfully transmitted  
1121944 frames successfully received  
306019 tx dropped by NIC  
\*\*\*\* 80211 multicast stats \*\*\*\*  
1075402 frames successfully transmitted  
11595 frames successfully received

apstats

-----

'wifi0':  
Radio Level Stats: wifi0  
Tx Data Packets = 3721952  
Tx Data Bytes = 3465839244  
Rx Data Packets = 1133539  
Rx Data Bytes = 241647273  
Tx Unicast Data Packets = 2646550  
Tx Multi/Broadcast Data Packets = 1075402  
Tx Data Packets per AC:  
Best effort = 635449  
Background = 0  
Video = 0  
Voice = 6580  
Rx Data Packets per AC:  
Best effort = 905042  
Background = 2746  
Video = 95  
Voice = 1349  
Channel Utilization (0-255) = <DISABLED>  
Tx Beacon Frames = 7960118  
Tx Mgmt Frames = 7982713  
Rx Mgmt Frames = 1555010  
Tx Ctl Frames = 17410  
Rx Ctl Frames = 0  
Rx RSSI = 45  
Rx PHY errors = 209348  
Rx CRC errors = 34221  
Rx MIC errors = 0  
Rx Decryption errors = 0  
Rx errors = 384  
Tx failures = 352  
Tx Dropped = 306019  
Connections refuse Radio limit = 0  
Connections refuse Vap limit = 0  
802.11 Auth Attempts = 42  
802.11 Auth Success = 41  
MLME Authorize Attempts = 41  
MLME Authorize Success = 41

Self BSS chan util = 0  
OBSS chan util = 0  
Throughput (kbps) = <DISABLED>  
PER over configured period (%) = <DISABLED>  
Total PER (%) = 0

'wifil':

Radio Level Stats: wifil

Tx Data Packets = 321499  
Tx Data Bytes = 366737262  
Rx Data Packets = 134028  
Rx Data Bytes = 31181305  
Tx Unicast Data Packets = 307610  
Tx Multi/Broadcast Data Packets = 13889  
Tx Data Packets per AC:  
  Best effort = 87527  
  Background = 0  
  Video = 0  
  Voice = 342  
Rx Data Packets per AC:  
  Best effort = 133605  
  Background = 69  
  Video = 2  
  Voice = 163  
Channel Utilization (0-255) = <DISABLED>  
Tx Beacon Frames = 7946579  
Tx Mgmt Frames = 8658040  
Rx Mgmt Frames = 12634547  
Tx Ctl Frames = 1356  
Rx Ctl Frames = 0  
Rx RSSI = 0  
Rx PHY errors = 1352930  
Rx CRC errors = 15734  
Rx MIC errors = 0  
Rx Decryption errors = 0  
Rx errors = 86  
Tx failures = 22  
Tx Dropped = 2788  
Connections refuse Radio limit = 0  
Connections refuse Vap limit = 0  
802.11 Auth Attempts = 30  
802.11 Auth Success = 29  
MLME Authorize Attempts = 29  
MLME Authorize Success = 24  
Self BSS chan util = 1  
OBSS chan util = 5  
Throughput (kbps) = <DISABLED>  
PER over configured period (%) = <DISABLED>  
Total PER (%) = 0

WLAN hostapd support log (/var/log/hostapd.log)

-----

1206-161745:CFG:ath0:CMD='STATUS'  
1206-161745:CFG:ath0:CMD='ENABLE'  
1206-212228:CFG:ath1:CMD='STATUS'  
1206-212228:CFG:ath1:CMD='DISABLE'



1206-212228:CFG:ath1:CMD='STATUS'  
1206-212228:CFG:ath1:CMD='ENABLE'  
1207-002832:CFG:ath0:CMD='STATUS'  
1207-002832:CFG:ath0:CMD='DISABLE'  
1207-002832:CFG:ath0:CMD='STATUS'  
1207-002832:CFG:ath0:CMD='ENABLE'  
1207-032324:CFG:ath1:CMD='STATUS'  
1207-032324:CFG:ath1:CMD='DISABLE'  
1207-032325:CFG:ath1:CMD='STATUS'  
1207-032325:CFG:ath1:CMD='ENABLE'  
1207-092509:CFG:ath1:CMD='STATUS'  
1207-092509:CFG:ath1:CMD='DISABLE'  
1207-092509:CFG:ath1:CMD='STATUS'  
1207-092509:CFG:ath1:CMD='ENABLE'  
1207-144531:CFG:ath1:CMD='STATUS'  
1207-144531:CFG:ath1:CMD='DISABLE'  
1207-144532:CFG:ath1:CMD='STATUS'  
1207-144532:CFG:ath1:CMD='ENABLE'  
1207-215854:CFG:ath1:CMD='STATUS'  
1207-215854:CFG:ath1:CMD='DISABLE'  
1207-215854:CFG:ath1:CMD='STATUS'  
1207-215854:CFG:ath1:CMD='ENABLE'  
1207-220155:CFG:ath0:CMD='STATUS'  
1207-220155:CFG:ath0:CMD='DISABLE'  
1207-220156:CFG:ath0:CMD='STATUS'  
1207-220156:CFG:ath0:CMD='ENABLE'  
1207-222212:CFG:ath0:CMD='STATUS'  
1207-222212:CFG:ath0:CMD='DISABLE'  
1207-222213:CFG:ath0:CMD='STATUS'  
1207-222213:CFG:ath0:CMD='ENABLE'  
1208-002233:CFG:ath0:CMD='STATUS'  
1208-002233:CFG:ath0:CMD='DISABLE'  
1208-002233:CFG:ath0:CMD='STATUS'  
1208-002233:CFG:ath0:CMD='ENABLE'  
1208-040214:CFG:ath1:CMD='STATUS'  
1208-040214:CFG:ath1:CMD='DISABLE'  
1208-040214:CFG:ath1:CMD='STATUS'  
1208-040214:CFG:ath1:CMD='ENABLE'  
1208-071225:CFG:ath0:CMD='STATUS'  
1208-071225:CFG:ath0:CMD='DISABLE'  
1208-071225:CFG:ath0:CMD='STATUS'  
1208-071225:CFG:ath0:CMD='STATUS'  
1208-071225:CFG:ath0:CMD='ENABLE'  
1208-100240:CFG:ath1:CMD='STATUS'  
1208-100240:CFG:ath1:CMD='DISABLE'  
1208-100240:CFG:ath1:CMD='STATUS'  
1208-100240:CFG:ath1:CMD='ENABLE'  
1208-141246:CFG:ath0:CMD='STATUS'  
1208-141246:CFG:ath0:CMD='DISABLE'  
1208-141247:CFG:ath0:CMD='STATUS'  
1208-141247:CFG:ath0:CMD='STATUS'  
1208-141247:CFG:ath0:CMD='ENABLE'  
1208-160307:CFG:ath1:CMD='STATUS'  
1208-160307:CFG:ath1:CMD='DISABLE'  
1208-160307:CFG:ath1:CMD='STATUS'  
1208-160307:CFG:ath1:CMD='ENABLE'  
1208-161226:CFG:ath0:CMD='STATUS'  
1208-161226:CFG:ath0:CMD='DISABLE'  
1208-161226:CFG:ath0:CMD='STATUS'  
1208-161226:CFG:ath0:CMD='ENABLE'

1208-181247:CFG:ath0:CMD='STATUS'  
1208-181247:CFG:ath0:CMD='DISABLE'  
1208-181247:CFG:ath0:CMD='STATUS'  
1208-181247:CFG:ath0:CMD='ENABLE'

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55039:CFG:ath0:CMD='STATUS'
1205-155039:CFG:ath0:CMD='ENABLE'
1205-175039:CFG:ath0:CMD='STATUS'
1205-175039:CFG:ath0:CMD='DISABLE'
1205-175039:CFG:ath0:CMD='STATUS'
1205-175039:CFG:ath0:CMD='ENABLE'
1205-185039:CFG:ath0:CMD='STATUS'
1205-185039:CFG:ath0:CMD='DISABLE'
1205-185039:CFG:ath0:CMD='STATUS'
1205-185039:CFG:ath0:CMD='ENABLE'
1205-205039:CFG:ath0:CMD='STATUS'
1205-205039:CFG:ath0:CMD='DISABLE'
1205-205040:CFG:ath0:CMD='STATUS'
1205-205040:CFG:ath0:CMD='ENABLE'
1205-205234:CFG:ath1:CMD='STATUS'
1205-205234:CFG:ath1:CMD='DISABLE'
1205-205234:CFG:ath1:CMD='STATUS'
1205-205234:CFG:ath1:CMD='ENABLE'
1205-210246:CFG:ath1:CMD='STATUS'
1205-210246:CFG:ath1:CMD='DISABLE'
1205-210247:CFG:ath1:CMD='STATUS'
1205-210247:CFG:ath1:CMD='ENABLE'
1205-210714:CFG:ath0:CMD='STATUS'
1205-210714:CFG:ath0:CMD='DISABLE'
1205-210714:CFG:ath0:CMD='STATUS'
1205-210714:CFG:ath0:CMD='ENABLE'
1205-211722:CFG:ath0:CMD='STATUS'
1205-211722:CFG:ath0:CMD='DISABLE'
1205-211722:CFG:ath0:CMD='STATUS'
1205-211722:CFG:ath0:CMD='ENABLE'
1205-221722:CFG:ath0:CMD='STATUS'
1205-221722:CFG:ath0:CMD='DISABLE'
1205-221722:CFG:ath0:CMD='STATUS'
1205-221722:CFG:ath0:CMD='ENABLE'
1206-032107:CFG:ath1:CMD='STATUS'
1206-032107:CFG:ath1:CMD='DISABLE'
1206-032107:CFG:ath1:CMD='STATUS'
1206-032107:CFG:ath1:CMD='ENABLE'
1206-091723:CFG:ath0:CMD='STATUS'
1206-091723:CFG:ath0:CMD='DISABLE'
1206-091724:CFG:ath0:CMD='STATUS'
1206-091724:CFG:ath0:CMD='ENABLE'
1206-092134:CFG:ath1:CMD='STATUS'
1206-092134:CFG:ath1:CMD='DISABLE'
1206-092134:CFG:ath1:CMD='STATUS'
1206-092134:CFG:ath1:CMD='ENABLE'
1206-152201:CFG:ath1:CMD='STATUS'
1206-152201:CFG:ath1:CMD='DISABLE'
1206-152201:CFG:ath1:CMD='STATUS'
1206-152201:CFG:ath1:CMD='ENABLE'
1206-161745:CFG:ath0:CMD='STATUS'
1206-161745:CFG:ath0:CMD='DISABLE'

WLAN wpa_supplicant log (/var/log/wpa_supplicant.log)

WLAN Radar NOL

'wifi0':

interface: wifi0, cmd: getnol

'wifi1':

interface: wifi1, cmd: getnol

WLAN Radar showPreCACLists

'wifi0':

interface: wifi0, cmd: showPreCACLists

please check SECTION dmesg

'wifi1':

interface: wifi1, cmd: showPreCACLists

please check SECTION dmesg

WLAN DFS clear list

iface,index,chan,ts_boot,ts_human

0,0,100,168,2021-11-29 09:45:28 UTC

0,1,104,168,2021-11-29 09:45:28 UTC

0,2,108,168,2021-11-29 09:45:28 UTC

0,3,112,168,2021-11-29 09:45:28 UTC

0,4,116,791,2021-11-29 09:55:50 UTC

0,5,120,791,2021-11-29 09:55:50 UTC

0,6,124,791,2021-11-29 09:55:50 UTC

0,7,128,791,2021-11-29 09:55:50 UTC

0,8,52,861,2021-11-29 09:57:00 UTC

0,9,56,861,2021-11-29 09:57:00 UTC

0,10,60,861,2021-11-29 09:57:00 UTC

0,11,64,861,2021-11-29 09:57:00 UTC

WLAN radar info

ts,type,channel,freq_min,freq_max

radio history

extract like this: base64 -d <radio_hist.b64> | gzip -dc > radio_hist.txt

<<<<<BASE64:BEGIN>>>>

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//L

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llOjZLABASJwJo4T1gpeiHNMxZCuK8V3EQmv0mVttHv7MN97D4MDEoYMP2nXYnEoIEMaDTWFj
VFJ
Jl6b8Fk0QnUaQ1vo8Bv/gclg9p9F5js8KA7TRZqu68qFS6PhBcj93/8ADNYh3lpAwA=
<<<<<BASE64:END>>>>>

ACFG Trace

Wifi FW Dump

BEGIN SECTION WLAN_LIB WLAN ctlmgr plugin
WLAN Lib (prj revision=29580828)

```

time now = 12/08/2021 21:30:41 (1638995441)
time elapsed = 816434
uptime = 816435
wlan_softmacs_set = 1
wlan_mac_1 = 2C:91:AB:iX:iX:iX
wlan_mac_2 = 2C:91:AB:JX:JX:JX
wlanmac_ap = 2C:91:AB:JX:JX:JX,2C:91:AB:iX:iX:iX,
wlanmac_guest = 2E:91:AB:JX:JX:JX,2E:91:AB:iX:iX:iX,
wlanmac_repeater = 3E:91:AB:JX:JX:JX,3E:91:AB:iX:iX:iX,
wlanmac_station_ata = 5E:91:AB:JX:JX:JX,,
config_changed = 0
config_changed_without_reinit = 0
last_nodes_refresh = 0
event_control = 0
action_deferred = 0
ssid_changed = 0
radio_info[0]
  .channel_12_13 = 2
  .ht160 = 1
  .used_channel = 11
    .info.channel = 11
    .info.freq_mhz = 2462
    .info.maxpower = 20
    .info.maxregpower = 20
    .info.flags = 0x00004803
radio_info[1]
  .channel_12_13 = 1
  .ht160 = 2
  .used_channel = 36
    .info.channel = 36
    .info.freq_mhz = 5180
    .info.maxpower = 23
    .info.maxregpower = 23
    .info.flags = 0x00004c0f
radio_info[2]
  .channel_12_13 = 1
  .ht160 = 1
  .used_channel = 0
    .info.channel = 0
    .info.freq_mhz = 0
    .info.maxpower = 0
    .info.maxregpower = 0
    .info.flags = 0x00000000
apenv_status = 0,0,0
apenv_time = 554831,533306,0
apenv_scan_wait = 0,0,0
apenv_lock = 0
apenv_dfs_pending = 0,0,0
changes_applied = 0
wlan_config_status = ''
copy_sta_params_to_ap = 0x00000000
box_feature_flags = 0x35edbfef
box_type = 233
oem_type = 4

```

```

##### BEGIN SECTION FEATURE_FLAGS WLAN Feature flags
TX_AUTO_POWER = 0
HT40_CHANNELWIDTH = 1
BAND_5GHZ = 1

```

```

TIME_CONTROL = 1
NIGHT_TIME_AUTO_UPDATE = 1
WLAN_RADIOSENSOR = 1
WPS = 1
GUEST_AP = 1
GUEST_AP_AUTO_UPDATE = 1
AUTO_CHAN_12_13_EXT = 1
AUTO_CHAN_DFS_EXT = 1
ATA_MODE = 1
COEXISTENCE = 1
WDS_2ND = 1
WPS_WPA_ALLOWED = 1
REPEATER_GUEST_AP = 1
SECURITY_WEP_SUPPORT = 0
11AC = 1
11AX = 0
DBDC = 1
DEFAULT_WPA_MIXED = 0
WPA_TKIP_SUPPORT = 0
WPA_WPA2_MIXED_SUPPORT = 1
HOTSPOT_SUPPORT = 1
AIR_TIME = 1
HT160_SUPPORT = 1
PMF_SUPPORT = 1
TRIBAND = 0
WPA3_SUPPORT = 1
OWE_SUPPORT = 1
##### END SECTION FEATURE_FLAGS

##### BEGIN SECTION WLAN_INTERFACES WLAN interface list
Static interface names:
  AP 1 = 'ath0'
  AP 2 = 'ath1'
  Guest 1 = 'guest4'
  Guest 2 = 'guest5'
  Uplink = 'sta2'
##### END SECTION WLAN_INTERFACES

##### BEGIN SECTION TIME_CONTROL WLAN night time control
UPnP lib handle = 0x6d1308a0
update_status = -3
auto_update_nexus = 0
time_service_state = 5
timer_rule_state_0 = 0
timer_rule_state_1 = 0
Wlan context:
  state = 2
  target_state = 0
  last_connected = 0
  check_lan = 1
  check_backoff = 1
Guest context:
  state = 3
  target_state = 0
  last_connected = 0
  check_lan = 0
  check_backoff = 1
Device list:
  hd=0x6b68a340,ip=0xc0a8b201
##### END SECTION TIME_CONTROL

```

```

##### BEGIN SECTION GUEST WLAN guest interface
timeout = 1800
stop_last_check = 816431
start_time = 0
update = 0x00000000
update_status = 2
auto_update_nexus = 0
upnp_config_state = 0
upnp_received = 0x00000000
upnp_tmp_enable = 0
upnp_tmp_ssid = "SECRET"
upnp_tmp_encryption = 0
upnp_tmp_user_isolation = 0
upnp_tmp_psk = not set
upnp_tmp_timeout_active = 0
upnp_tmp_timeout = 0
upnp_tmp_time_remain = 0
upnp_tmp_no_forced_off = 0
upnp_config_service_id = -1
upnp_service_id_validated = 0
upnp_device_states = 0
upnp_hd = 0x6d1306a0
upnp_device_handle = (nil)
upnp_device list:
  hd=0x6b68a340,ip=0xc0a8b201
##### END SECTION GUEST

```

```

##### BEGIN SECTION WLAND WLAND Interface
role config last modified = 0
roles_count = 25
init_fail_not_connected = 0
init_fail_cnt_roles = 0
init_fail_cnt_retry = 0
roles_ap_by_suffix = 1,2,0
roles_sta_by_suffix = 7,0,0
role config: (id / suffix / flags / BSSID / if-ctrl / mode / enabled /
state / switch on/off[gui,key,timer,fon])
  25 / 1 / 0x00000003 / 0E:91:AB:iX:iX:iX / ' hotspot23' / --,5G-
F,OH,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
  24 / 1 / 0x00000003 / FE:91:AB:iX:iX:iX / ' hotspot22' / --,5G-
F,OH,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
  23 / 1 / 0x00000003 / EE:91:AB:iX:iX:iX / ' hotspot21' / --,5G-
F,OH,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
  22 / 1 / 0x00000003 / DE:91:AB:iX:iX:iX / ' hotspot20' / --,5G-
F,OH,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
  21 / 0 / 0x00000003 / 0E:91:AB:JX:JX:JX / ' hotspot19' / 2G,---
-,OH,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
  20 / 0 / 0x00000003 / FE:91:AB:JX:JX:JX / ' hotspot18' / 2G,---
-,OH,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
  19 / 0 / 0x00000003 / EE:91:AB:JX:JX:JX / ' hotspot17' / 2G,---
-,OH,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
  18 / 0 / 0x00000003 / DE:91:AB:JX:JX:JX / ' hotspot16' / 2G,---
-,OH,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
  17 / 1 / 0x00000003 / 7E:91:AB:iX:iX:iX / ' guest33' / --,5G-
F,--,OWG,--- / 0 / 10 / 0-0,0-0,0-0,0-0
  16 / 0 / 0x00000003 / 7E:91:AB:JX:JX:JX / ' guest32' / 2G,---
-,--,OWG,--- / 0 / 10 / 0-0,0-0,0-0,0-0
  15 / 1 / 0x00000003 / CE:91:AB:iX:iX:iX / ' hotspot15' / --,5G-
F,HS,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0

```

```

    14 / 1 / 0x00000003 / BE:91:AB:iX:iX:iX / '        hotspot14' / --,5G-
F,HS,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
    13 / 1 / 0x00000003 / AE:91:AB:iX:iX:iX / '        hotspot13' / --,5G-
F,HS,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
    12 / 1 / 0x00000003 / 9E:91:AB:iX:iX:iX / '        hotspot12' / --,5G-
F,HS,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
    11 / 0 / 0x00000003 / CE:91:AB:JX:JX:JX / '        hotspot11' / 2G,---
-,HS,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
    10 / 0 / 0x00000003 / BE:91:AB:JX:JX:JX / '        hotspot10' / 2G,---
-,HS,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
     9 / 0 / 0x00000003 / AE:91:AB:JX:JX:JX / '        hotspot9' / 2G,---
-,HS,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
     8 / 0 / 0x00000003 / 9E:91:AB:JX:JX:JX / '        hotspot8' / 2G,---
-,HS,---,--- / 0 / 10 / 0-0,0-0,0-0,0-0
     7 / 0 / 0x00000003 / 5E:91:AB:JX:JX:JX / '          sta2' / 2G,---
-,---,STA,--- / 0 / 10 / 0-0,0-0,0-0,0-0
     6 / 1 / 0x00000003 / 3E:91:AB:iX:iX:iX / '        wdsup3' / --,5G-
F,---,WDS,--- / 0 / 10 / 0-0,0-0,0-0,0-0
     5 / 0 / 0x00000003 / 3E:91:AB:JX:JX:JX / '        wdsup2' / 2G,---
-,---,WDS,--- / 0 / 10 / 0-0,0-0,0-0,0-0
     4 / 1 / 0x00000003 / 2E:91:AB:iX:iX:iX / '        guest5' / --,5G-
F,---,GST,--- / 0 / 10 / 0-0,0-0,0-0,0-0
     3 / 0 / 0x00000003 / 2E:91:AB:JX:JX:JX / '        guest4' / 2G,---
-,---,GST,--- / 0 / 10 / 0-0,0-0,0-0,0-0
     2 / 1 / 0x00000003 / 2C:91:AB:iX:iX:iX / '          ath1' / --,5G-
F,---,AP ,--- / 1 / 9 / 0-0,0-0,0-0,0-0
     1 / 0 / 0x00000003 / 2C:91:AB:JX:JX:JX / '          ath0' / 2G,---
-,---,AP ,--- / 1 / 9 / 0-0,0-0,0-0,0-0
##### END SECTION WLAND

```

```

##### BEGIN SECTION ACL MAC Access List
  mac_accesslist      = (nil)
  mac_accesslist_saved = (nil)
  source_roles        = 0x0000000000000000
  target_roles        = 0x0000000000000000
##### END SECTION ACL

```

```

##### BEGIN SECTION WPS
  wps_status           = 0
  wps_status_detail    = 0
  wps_next_reconfig_check = 0
  wps_session_timeout  = 0
  cnt_activate_gui     = 0
  cnt_deactivate_gui   = 0
  cnt_activate_key     = 0
##### END SECTION WPS

```

```

##### BEGIN SECTION WLAN_EVENTS Filtered Events
  Filtered events:
    /                time/                iface/                mac/
id/band/rate/mode/ generic1/  generic2/  channel/prev_chan/  details/
  20211207-143516/  ---/18:87:40:zX:zX:zX/ 754/ 2/ 433/ -
- / ---- / ---- / 44/ 0/0x00000338
  20211207-143822/  ---/00:00:00:00:00:00/ 660/ 2/ 0/
0/0x00000000/0x00000000/ --- / --- / ---
  20211207-144520/  ---/00:00:00:00:00:00/ 774/ 2/ 0/ -
- / ---- / ---- / 0/ 0/0x00000000
  20211207-144534/  ---/00:00:00:00:00:00/ 785/ 2/ 0/ -
- / ---- / ---- / 108/ 44/0x00000000

```

20211207-153454/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/	0/0x00000000				
20211207-153522/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/	1/0x00000000				
20211207-154443/	---	/00:00:00:00:00:00/	659/	2/	0/	
0/0x00000000/0x00000000/	---	/	---	/	---	
20211207-154444/	---	/18:87:40:zX:zX:zX/	748/	2/	433/	-
- / ---- / ---- /	0/	0/0x00000601				
20211207-155840/	---	/00:00:00:00:00:00/	774/	2/	0/	-
- / ---- / ---- /	0/	0/0x00000000				
20211207-155856/	---	/00:00:00:00:00:00/	784/	2/	0/	-
- / ---- / ---- /	108/	108/0x00000000				
20211207-163454/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/	0/0x00000000				
20211207-163502/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/	1/0x00000000				
20211207-173454/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/	0/0x00000000				
20211207-173502/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/	1/0x00000000				
20211207-183454/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/	0/0x00000000				
20211207-183522/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/	1/0x00000000				
20211207-193456/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/	0/0x00000000				
20211207-193522/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/	1/0x00000000				
20211207-203456/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/	0/0x00000000				
20211207-203502/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/	1/0x00000000				
20211207-213456/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/	0/0x00000000				
20211207-213502/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/	1/0x00000000				
20211207-214728/	---	/00:00:00:00:00:00/	659/	1/	0/	
0/0x00000000/0x00000000/	---	/	---	/	---	
20211207-214730/	---	/00:08:22:hX:hX:hX/	758/	1/	72/	-
- / ---- / ---- /	0/	0/0x00000601				
20211207-215840/	---	/00:00:00:00:00:00/	774/	2/	0/	-
- / ---- / ---- /	0/	0/0x00000000				
20211207-215856/	---	/00:00:00:00:00:00/	785/	2/	0/	-
- / ---- / ---- /	36/	108/0x00000000				
20211207-215856/	---	/18:87:40:zX:zX:zX/	754/	2/	433/	-
- / ---- / ---- /	108/	0/0x0000034e				
20211207-215900/	---	/18:87:40:zX:zX:zX/	748/	1/	96/	-
- / ---- / ---- /	0/	0/0x00000601				
20211207-220146/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/	0/0x00000000				
20211207-220158/	---	/00:00:00:00:00:00/	785/	1/	0/	-
- / ---- / ---- /	6/	1/0x00000000				
20211207-220158/	---	/00:08:22:hX:hX:hX/	754/	1/	72/	-
- / ---- / ---- /	1/	0/0x0000034e				
20211207-220158/	---	/18:87:40:zX:zX:zX/	754/	1/	96/	-
- / ---- / ---- /	1/	0/0x0000034e				
20211207-220200/	---	/18:87:40:zX:zX:zX/	748/	2/	433/	-
- / ---- / ---- /	0/	0/0x00000601				
20211207-220250/	---	/00:08:22:hX:hX:hX/	748/	1/	72/	-
- / ---- / ---- /	0/	0/0x00000601				

20211207-221202/	---	/00:08:22:hX:hX:hX/	754/	1/	72/	-
- / ---- / ---- /		6/ 0/0x00000338				
20211207-221508/	---	/00:00:00:00:00:00/	660/	1/	0/	
0/0x00000000/0x00000000/	---	/ ---- / ----				
20211207-222208/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /		0/ 0/0x00000000				
20211207-222216/	---	/00:00:00:00:00:00/	785/	1/	0/	-
- / ---- / ---- /		1/ 6/0x00000000				
20211207-232208/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /		0/ 0/0x00000000				
20211207-232214/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /		1/ 1/0x00000000				
20211208-002208/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /		0/ 0/0x00000000				
20211208-002236/	---	/00:00:00:00:00:00/	785/	1/	0/	-
- / ---- / ---- /		6/ 1/0x00000000				
20211208-012208/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /		0/ 0/0x00000000				
20211208-012214/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /		6/ 6/0x00000000				
20211208-022208/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /		0/ 0/0x00000000				
20211208-022214/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /		6/ 6/0x00000000				
20211208-032208/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /		0/ 0/0x00000000				
20211208-032214/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /		6/ 6/0x00000000				
20211208-040200/	---	/00:00:00:00:00:00/	774/	2/	0/	-
- / ---- / ---- /		0/ 0/0x00000000				
20211208-040216/	---	/00:00:00:00:00:00/	785/	2/	0/	-
- / ---- / ---- /	44/	36/0x00000000				
20211208-040216/	---	/18:87:40:zX:zX:zX/	754/	2/	433/	-
- / ---- / ---- /	36/	0/0x0000034e				
20211208-040217/	---	/00:00:00:00:00:00/	659/	1/	0/	
0/0x00000000/0x00000000/	---	/ ---- / ----				
20211208-040220/	---	/18:87:40:zX:zX:zX/	748/	1/	96/	-
- / ---- / ---- /		0/ 0/0x00000601				
20211208-040220/	---	/18:87:40:zX:zX:zX/	756/	2/	433/	-
- / ---- / ---- /		0/ 0/0x00000601				
20211208-040545/	---	/00:00:00:00:00:00/	660/	1/	0/	
0/0x00000000/0x00000000/	---	/ ---- / ----				
20211208-041220/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /		0/ 0/0x00000000				
20211208-041226/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /		6/ 6/0x00000000				
20211208-051220/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /		0/ 0/0x00000000				
20211208-051226/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /		6/ 6/0x00000000				
20211208-061220/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /		0/ 0/0x00000000				
20211208-061226/	---	/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /		6/ 6/0x00000000				
20211208-071220/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /		0/ 0/0x00000000				
20211208-071228/	---	/00:00:00:00:00:00/	785/	1/	0/	-
- / ---- / ---- /		1/ 6/0x00000000				
20211208-081220/	---	/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /		0/ 0/0x00000000				

20211208-081248/	---/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/ 1/0x00000000				
20211208-091220/	---/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/ 0/0x00000000				
20211208-091248/	---/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/ 1/0x00000000				
20211208-100226/	---/00:00:00:00:00:00/	774/	2/	0/	-
- / ---- / ---- /	0/ 0/0x00000000				
20211208-100242/	---/00:00:00:00:00:00/	785/	2/	0/	-
- / ---- / ---- /	36/ 44/0x00000000				
20211208-100242/	---/18:87:40:zX:zX:zX/	754/	2/	433/	-
- / ---- / ---- /	44/ 0/0x0000034e				
20211208-100248/	---/18:87:40:zX:zX:zX/	748/	2/	433/	-
- / ---- / ---- /	0/ 0/0x00000601				
20211208-101220/	---/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/ 0/0x00000000				
20211208-101248/	---/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/ 1/0x00000000				
20211208-111220/	---/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/ 0/0x00000000				
20211208-111228/	---/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/ 1/0x00000000				
20211208-121220/	---/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/ 0/0x00000000				
20211208-121228/	---/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/ 1/0x00000000				
20211208-131220/	---/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/ 0/0x00000000				
20211208-131228/	---/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/ 1/0x00000000				
20211208-141220/	---/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/ 0/0x00000000				
20211208-141248/	---/00:00:00:00:00:00/	785/	1/	0/	-
- / ---- / ---- /	6/ 1/0x00000000				
20211208-151220/	---/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/ 0/0x00000000				
20211208-151228/	---/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	6/ 6/0x00000000				
20211208-160252/	---/00:00:00:00:00:00/	774/	2/	0/	-
- / ---- / ---- /	0/ 0/0x00000000				
20211208-160310/	---/00:00:00:00:00:00/	785/	2/	0/	-
- / ---- / ---- /	44/ 36/0x00000000				
20211208-160310/	---/18:87:40:zX:zX:zX/	754/	2/	433/	-
- / ---- / ---- /	36/ 0/0x0000034e				
20211208-160314/	---/18:87:40:zX:zX:zX/	748/	2/	433/	-
- / ---- / ---- /	0/ 0/0x00000601				
20211208-161220/	---/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/ 0/0x00000000				
20211208-161228/	---/00:00:00:00:00:00/	785/	1/	0/	-
- / ---- / ---- /	1/ 6/0x00000000				
20211208-171220/	---/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/ 0/0x00000000				
20211208-171248/	---/00:00:00:00:00:00/	784/	1/	0/	-
- / ---- / ---- /	1/ 1/0x00000000				
20211208-181222/	---/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/ 0/0x00000000				
20211208-181250/	---/00:00:00:00:00:00/	785/	1/	0/	-
- / ---- / ---- /	6/ 1/0x00000000				
20211208-191222/	---/00:00:00:00:00:00/	774/	1/	0/	-
- / ---- / ---- /	0/ 0/0x00000000				

```
20211208-191228/      ---/00:00:00:00:00:00/ 784/ 1/ 0/ -
- / ---- / ---- /      6/          6/0x00000000
20211208-201222/      ---/00:00:00:00:00:00/ 774/ 1/ 0/ -
- / ---- / ---- /      0/          0/0x00000000
20211208-201228/      ---/00:00:00:00:00:00/ 784/ 1/ 0/ -
- / ---- / ---- /      6/          6/0x00000000
20211208-211222/      ---/00:00:00:00:00:00/ 774/ 1/ 0/ -
- / ---- / ---- /      0/          0/0x00000000
20211208-211228/      ---/00:00:00:00:00:00/ 784/ 1/ 0/ -
- / ---- / ---- /      6/          6/0x00000000
20211207-143502/      ---/00:00:00:00:00:00/ 784/ 1/ 0/ -
- / ---- / ---- /      1/          1/0x00000000
##### END SECTION WLAN_EVENTS
```

```
##### BEGIN SECTION CSI_SOCKET WLAN CSI Socket Connection
```

```
async_call_status      = 98
connect_state          = 3
_csock_epoll_fd        = 1802283904
connect_next_check     = 0
connection_lost        = 0
connect_fail           = 1
_connect_check_alive   = 0
_wcsi_consecutive_tout = 0
wcsi_hd                 = 0x6b6dab50
```

```
##### END SECTION CSI_SOCKET
```

```
##### BEGIN SECTION WLAN_CFG2 WLAN config version 2.0
```

```
##### BEGIN SECTION WLAN_CFG2_HOTSPOT WLAN config version 2.0 Hotspot
```

```
WLAN20 API: (TR-069)
last error             = 0
last error msg         =
```

```
##### END SECTION WLAN_CFG2_HOTSPOT
```

```
##### END SECTION WLAN_CFG2
```

```
##### BEGIN SECTION NEXUS
```

```
nexus_api              = 0x0x6d130920
nexus_ipc               = 0x0x6d130b20
nexus_trust_time       = 0
is_master               = 1
is_nexus_active        = 0
ep_r_wlan_cfg          = 0
ep_r_wlan_cfg_seen     = 0
ep_r_timer              = 0
ep_r_timer_seen        = 0
```

```
##### END SECTION NEXUS
```

```
##### BEGIN SECTION STATION_LIST WLAN client list
```

```
-----
Station management: (is remote station = no)
mac                    = 00:08:22:hX:hX:hX
nexus_id               = ''
nexus_id_hash          = 0x00000000
type                   = 1
type_csi               = 0
connect_fail_state     = 2
station_visible        = 1
last_seen              = 732519
added_to_list          = 731041
is_delete_pending      = 0
```

```

cnt_connect_success      = 2
cnt_connect_fail        = 0
cnt_disconnect_forced    = 2
time_mean_connect       = 713
Station connection:
bssid                    = 00:00:00:00:00:00
role_id                  = 0
if_name                  = ''
connect_state            = 0
streams_rx               = 0
streams_tx               = 0
rate_rx_max              = 0
rate_tx_max              = 0
rate_rx_avg              = 0
rate_tx_avg              = 0
rate_rx                  = 0
rate_tx                  = 0
rssi                     = 0
quality                  = 0
cipher                   = 0
wlan_mode                = 0
channel                  = 0
channel_width            = 0
flags                    = 0x00000000
avm_capabilities         = 0x00000000
avm_station_type         = 0
ACL:
  is_paused_connected    = 0

Networking infos:
version                  = 7
type                    = 1
is_active                = 0
is_guest                 = 0
uid                     = 'wlan00:08:22:hX:hX:hX'
is_deletable            = 1
last_seen                = 83915
nexus_id                 = 00:00:00:00:00:00
Connect history: (role / if / connect (status initiator
IEEE802.11ReasonCode) / disconnect (status initiator
IEEE802.11ReasonCode) / wlan_mode / quality)
  count_connect_success  = 2
  count_connect_fail     = 0
  count_disconnect_forced = 2
  time_mean_connect     = 713
  1 / ath0              / 20211207-214728 (0x00000001 0x09 0x0001) /
20211207-220157 (0x0000004E 0x03 0x0000) / 0x05 / 92
  1 / ath0              / 20211207-220248 (0x00000001 0x09 0x0001) /
20211207-221205 (0x00000038 0x03 0x0000) / 0x05 / 93
-----
Station management: (is remote station = no)
mac                      = 00:08:22:HX:HX:HX
nexus_id                 = ''
nexus_id_hash            = 0x00000000
type                     = 1
type_csi                 = 0
connect_fail_state       = 2
station_visible          = 1
last_seen                = 639298
added_to_list            = 638535

```

```

is_delete_pending      = 0
cnt_connect_success    = 1
cnt_connect_fail       = 0
cnt_disconnect_forced  = 1
time_mean_connect     = 763
Station connection:
bssid                  = 00:00:00:00:00:00
role_id                = 0
if_name                = ''
connect_state          = 0
streams_rx             = 0
streams_tx             = 0
rate_rx_max            = 0
rate_tx_max            = 0
rate_rx_avg            = 0
rate_tx_avg            = 0
rate_rx                = 0
rate_tx                = 0
rssi                   = 0
quality                = 0
cipher                 = 0
wlan_mode              = 0
channel                = 0
channel_width          = 0
flags                  = 0x00000000
avm_capabilities       = 0x00000000
avm_station_type       = 0
ACL:
  is_paused_connected  = 0

Networking infos:
version                = 7
type                   = 1
is_active              = 0
is_guest               = 0
uid                    = 'wlan00:08:22:HX:HX:HX'
is_deletable           = 1
last_seen              = 177136
nexus_id               = 00:00:00:00:00:00
Connect history: (role / if / connect (status initiator
IEEE802.11ReasonCode) / disconnect (status initiator
IEEE802.11ReasonCode) / wlan_mode / quality)
count_connect_success  = 1
count_connect_fail     = 0
count_disconnect_forced = 1
time_mean_connect     = 763
  1 / ath0             / 20211206-200542 (0x00000001 0x09 0x0001) /
20211206-201824 (0x0000001F 0x01 0x0000) / 0x05 / 91
-----
Station management: (is remote station = no)
mac                    = 00:08:22:PX:PX:PX
nexus_id                = ''
nexus_id_hash           = 0x00000000
type                    = 1
type_csi                = 0
connect_fail_state      = 2
station_visible         = 1
last_seen               = 305367
added_to_list           = 304026
is_delete_pending       = 0

```

```

cnt_connect_success      = 1
cnt_connect_fail        = 0
cnt_disconnect_forced    = 1
time_mean_connect       = 1341
Station connection:
bssid                   = 00:00:00:00:00:00
role_id                 = 0
if_name                 = ''
connect_state           = 0
streams_rx              = 0
streams_tx              = 0
rate_rx_max             = 0
rate_tx_max             = 0
rate_rx_avg             = 0
rate_tx_avg             = 0
rate_rx                 = 0
rate_tx                 = 0
rssi                    = 0
quality                 = 0
cipher                  = 0
wlan_mode                = 0
channel                 = 0
channel_width           = 0
flags                   = 0x00000000
avm_capabilities        = 0x00000000
avm_station_type        = 0
ACL:
  is_paused_connected   = 0

Networking infos:
version                 = 7
type                   = 1
is_active               = 0
is_guest                = 0
uid                     = 'wlan00:08:22:PX:PX:PX'
is_deletable            = 1
last_seen               = 511067
nexus_id                = 00:00:00:00:00:00
Connect history: (role / if / connect (status initiator
IEEE802.11ReasonCode) / disconnect (status initiator
IEEE802.11ReasonCode) / wlan_mode / quality)
count_connect_success   = 1
count_connect_fail      = 0
count_disconnect_forced = 1
time_mean_connect       = 1341
  1 / ath0              / 20211202-231032 (0x00000001 0x09 0x0001) /
20211202-233254 (0x0000004E 0x03 0x0000) / 0x05 / 93
-----
Station management: (is remote station = no)
mac                     = 00:08:22:gX:gX:gX
nexus_id                 = ''
nexus_id_hash           = 0x00000000
type                     = 1
type_csi                 = 0
connect_fail_state       = 2
station_visible          = 1
last_seen                = 219708
added_to_list            = 219274
is_delete_pending        = 0
cnt_connect_success      = 1

```

```

cnt_connect_fail      = 0
cnt_disconnect_forced = 1
time_mean_connect    = 434
Station connection:
bssid                = 00:00:00:00:00:00
role_id              = 0
if_name              = ''
connect_state        = 0
streams_rx           = 0
streams_tx           = 0
rate_rx_max          = 0
rate_tx_max          = 0
rate_rx_avg          = 0
rate_tx_avg          = 0
rate_rx              = 0
rate_tx              = 0
rssi                 = 0
quality              = 0
cipher               = 0
wlan_mode            = 0
channel              = 0
channel_width        = 0
flags                = 0x00000000
avm_capabilities     = 0x00000000
avm_station_type     = 0
ACL:
  is_paused_connected = 0

Networking infos:
version              = 7
type                 = 1
is_active            = 0
is_guest             = 0
uid                  = 'wlan00:08:22:gX:gX:gX'
is_deletable         = 1
last_seen            = 596726
nexus_id             = 00:00:00:00:00:00
Connect history: (role / if / connect (status initiator
IEEE802.11ReasonCode) / disconnect (status initiator
IEEE802.11ReasonCode) / wlan_mode / quality)
count_connect_success = 1
count_connect_fail    = 0
count_disconnect_forced = 1
time_mean_connect    = 434
  1 / ath0           / 20211201-233801 (0x00000001 0x09 0x0001) /
20211201-234514 (0x0000001F 0x01 0x0000) / 0x05 / 73
-----
Station management: (is remote station = no)
mac                  = 00:08:22:xX:xX:xX
nexus_id             = ''
nexus_id_hash        = 0x00000000
type                 = 1
type_csi             = 0
connect_fail_state   = 2
station_visible      = 1
last_seen            = 135993
added_to_list        = 133269
is_delete_pending    = 0
cnt_connect_success  = 2
cnt_connect_fail     = 4

```

```

    cnt_disconnect_forced = 2
    time_mean_connect    = 1315
Station connection:
    bssid                = 00:00:00:00:00:00
    role_id              = 0
    if_name              = ''
    connect_state        = 0
    streams_rx           = 0
    streams_tx           = 0
    rate_rx_max          = 0
    rate_tx_max          = 0
    rate_rx_avg          = 0
    rate_tx_avg          = 0
    rate_rx              = 0
    rate_tx              = 0
    rssi                 = 0
    quality              = 0
    cipher               = 0
    wlan_mode            = 0
    channel              = 0
    channel_width        = 0
    flags                = 0x00000000
    avm_capabilities     = 0x00000000
    avm_station_type     = 0
ACL:
    is_paused_connected = 0

Networking infos:
    version              = 7
    type                 = 1
    is_active            = 0
    is_guest             = 0
    uid                  = 'wlan00:08:22:xX:xX:xX'
    is_deletable         = 1
    last_seen            = 680441
    nexus_id             = 00:00:00:00:00:00
Connect history: (role / if / connect (status initiator
IEEE802.11ReasonCode) / disconnect (status initiator
IEEE802.11ReasonCode) / wlan_mode / quality)
    count_connect_success = 2
    count_connect_fail    = 4
    count_disconnect_forced = 2
    time_mean_connect    = 1315
    1 / ath0              / 20211130-234436 (0x00000037 0x03 0x0000) /
(0x0000004F 0x09 0x0001) / 0x00 / 0
    1 / ath0              / 20211130-234442 (0x00000037 0x03 0x0000) /
(0x0000004F 0x09 0x0001) / 0x00 / 0
    1 / ath0              / 20211130-234503 (0x00000037 0x03 0x0000) /
(0x0000004F 0x09 0x0001) / 0x00 / 0
    1 / ath0              / 20211130-234516 (0x00000037 0x03 0x0000) /
(0x0000004F 0x09 0x0001) / 0x00 / 0
    1 / ath0              / 20211130-234557 (0x00000001 0x09 0x0001) /
20211130-235950 (0x0000004E 0x03 0x0000) / 0x05 / 93
    1 / ath0              / 20211201-000002 (0x00000001 0x09 0x0001) /
20211201-002959 (0x00000038 0x03 0x0000) / 0x05 / 94
-----
Station management: (is remote station = no)
    mac                  = E6:41:C5:mX:mX:mX
    nexus_id             = ''
    nexus_id_hash        = 0x00000000

```

```

type = 1
type_csi = 0
connect_fail_state = 2
station_visible = 1
last_seen = 97584
added_to_list = 97497
is_delete_pending = 0
cnt_connect_success = 1
cnt_connect_fail = 0
cnt_disconnect_forced = 0
time_mean_connect = 87
Station connection:
bssid = 00:00:00:00:00:00
role_id = 0
if_name = ''
connect_state = 0
streams_rx = 0
streams_tx = 0
rate_rx_max = 0
rate_tx_max = 0
rate_rx_avg = 0
rate_tx_avg = 0
rate_rx = 0
rate_tx = 0
rssi = 0
quality = 0
cipher = 0
wlan_mode = 0
channel = 0
channel_width = 0
flags = 0x00000000
avm_capabilities = 0x00000000
avm_station_type = 0
ACL:
  is_paused_connected = 0

Networking infos:
version = 7
type = 1
is_active = 0
is_guest = 0
uid = 'wlanE6:41:C5:mX:mX:mX'
is_deletable = 1
last_seen = 718850
nexus_id = 00:00:00:00:00:00
Connect history: (role / if / connect (status initiator
IEEE802.11ReasonCode) / disconnect (status initiator
IEEE802.11ReasonCode) / wlan_mode / quality)
count_connect_success = 1
count_connect_fail = 0
count_disconnect_forced = 0
time_mean_connect = 87
  1 / ath0 / 20211130-134823 (0x00000001 0x09 0x0001) /
20211130-134951 (0x00000001 0x02 0x0008) / 0x05 / 65
-----
Station management: (is remote station = no)
mac = 0A:E8:85:yX:yX:yX
nexus_id = ''
nexus_id_hash = 0x00000000
type = 1

```



```

type_csi = 0
connect_fail_state = 2
station_visible = 1
last_seen = 98689
added_to_list = 97480
is_delete_pending = 0
cnt_connect_success = 2
cnt_connect_fail = 0
cnt_disconnect_forced = 1
time_mean_connect = 604
Station connection:
bssid = 00:00:00:00:00:00
role_id = 0
if_name = ''
connect_state = 0
streams_rx = 0
streams_tx = 0
rate_rx_max = 0
rate_tx_max = 0
rate_rx_avg = 0
rate_tx_avg = 0
rate_rx = 0
rate_tx = 0
rssi = 0
quality = 0
cipher = 0
wlan_mode = 0
channel = 0
channel_width = 0
flags = 0x00000000
avm_capabilities = 0x00000000
avm_station_type = 0
ACL:
  is_paused_connected = 0

Networking infos:
version = 7
type = 1
is_active = 0
is_guest = 0
uid = 'wlan0A:E8:85:yX:yX:yX'
is_deletable = 1
last_seen = 717745
nexus_id = 00:00:00:00:00:00
Connect history: (role / if / connect (status initiator
IEEE802.11ReasonCode) / disconnect (status initiator
IEEE802.11ReasonCode) / wlan_mode / quality)
  count_connect_success = 2
  count_connect_fail = 0
  count_disconnect_forced = 1
  time_mean_connect = 604
  1 / ath0 / 20211130-134806 (0x00000001 0x09 0x0001) /
20211130-134819 (0x0000001A 0x09 0x0001) / 0x05 / 61
  2 / ath1 / 20211130-134819 (0x00000001 0x09 0x0001) /
20211130-140815 (0x00000038 0x03 0x0000) / 0x09 / 44
-----
Station management: (is remote station = no)
mac = 92:6A:9B:XX:XX:XX
nexus_id = ''
nexus_id_hash = 0x00000000

```

```

type = 1
type_csi = 0
connect_fail_state = 2
station_visible = 1
last_seen = 97347
added_to_list = 97333
is_delete_pending = 0
cnt_connect_success = 1
cnt_connect_fail = 0
cnt_disconnect_forced = 0
time_mean_connect = 14
Station connection:
bssid = 00:00:00:00:00:00
role_id = 0
if_name = ''
connect_state = 0
streams_rx = 0
streams_tx = 0
rate_rx_max = 0
rate_tx_max = 0
rate_rx_avg = 0
rate_tx_avg = 0
rate_rx = 0
rate_tx = 0
rssi = 0
quality = 0
cipher = 0
wlan_mode = 0
channel = 0
channel_width = 0
flags = 0x00000000
avm_capabilities = 0x00000000
avm_station_type = 0
ACL:
  is_paused_connected = 0

Networking infos:
version = 7
type = 1
is_active = 0
is_guest = 0
uid = 'wlan92:6A:9B:XX:XX:XX'
is_deletable = 1
last_seen = 719087
nexus_id = 00:00:00:00:00:00
Connect history: (role / if / connect (status initiator
IEEE802.11ReasonCode) / disconnect (status initiator
IEEE802.11ReasonCode) / wlan_mode / quality)
count_connect_success = 1
count_connect_fail = 0
count_disconnect_forced = 0
time_mean_connect = 14
  1 / ath0 / 20211130-134540 (0x00000001 0x09 0x0001) /
20211130-134554 (0x00000001 0x02 0x0008) / 0x05 / 65
-----
Station management: (is remote station = no)
mac = EA:77:26:ZX:ZX:ZX
nexus_id = ''
nexus_id_hash = 0x00000000
type = 1

```

```

type_csi = 0
connect_fail_state = 2
station_visible = 1
last_seen = 98689
added_to_list = 97318
is_delete_pending = 0
cnt_connect_success = 2
cnt_connect_fail = 0
cnt_disconnect_forced = 1
time_mean_connect = 685
Station connection:
bssid = 00:00:00:00:00:00
role_id = 0
if_name = ''
connect_state = 0
streams_rx = 0
streams_tx = 0
rate_rx_max = 0
rate_tx_max = 0
rate_rx_avg = 0
rate_tx_avg = 0
rate_rx = 0
rate_tx = 0
rssi = 0
quality = 0
cipher = 0
wlan_mode = 0
channel = 0
channel_width = 0
flags = 0x00000000
avm_capabilities = 0x00000000
avm_station_type = 0
ACL:
  is_paused_connected = 0

Networking infos:
version = 7
type = 1
is_active = 0
is_guest = 0
uid = 'wlanEA:77:26:ZX:ZX:ZX'
is_deletable = 1
last_seen = 717745
nexus_id = 00:00:00:00:00:00
Connect history: (role / if / connect (status initiator
IEEE802.11ReasonCode) / disconnect (status initiator
IEEE802.11ReasonCode) / wlan_mode / quality)
  count_connect_success = 2
  count_connect_fail = 0
  count_disconnect_forced = 1
  time_mean_connect = 685
  1 / ath0 / 20211130-134525 (0x00000001 0x09 0x0001) /
20211130-134536 (0x0000001A 0x09 0x0001) / 0x05 / 22
  2 / ath1 / 20211130-134536 (0x00000001 0x09 0x0001) /
20211130-140815 (0x00000038 0x03 0x0000) / 0x09 / 69
-----
Station management: (is remote station = no)
mac = 74:12:B3:RX:RX:RX
nexus_id = ''
nexus_id_hash = 0x00000000

```

```

type = 1
type_csi = 0
connect_fail_state = 2
station_visible = 1
last_seen = 63
added_to_list = 63
is_delete_pending = 0
cnt_connect_success = 0
cnt_connect_fail = 0
cnt_disconnect_forced = 0
time_mean_connect = 0
Station connection:
bssid = 00:00:00:00:00:00
role_id = 0
if_name = ''
connect_state = 0
streams_rx = 0
streams_tx = 0
rate_rx_max = 0
rate_tx_max = 0
rate_rx_avg = 0
rate_tx_avg = 0
rate_rx = 0
rate_tx = 0
rssi = 0
quality = 0
cipher = 0
wlan_mode = 0
channel = 0
channel_width = 0
flags = 0x00000000
avm_capabilities = 0x00000000
avm_station_type = 0
ACL:
  is_paused_connected = 0

```

```

Networking infos:
version = 7
type = 1
is_active = 0
is_guest = 0
uid = 'wlan74:12:B3:RX:RX:RX'
is_deletable = 1
last_seen = 816371
nexus_id = 00:00:00:00:00:00

```

```

Connect history: (role / if / connect (status initiator
IEEE802.11ReasonCode) / disconnect (status initiator
IEEE802.11ReasonCode) / wlan_mode / quality)
count_connect_success = 0
count_connect_fail = 0
count_disconnect_forced = 0
time_mean_connect = 0

```

```

-----
Station management: (is remote station = no)
mac = 18:87:40:zX:zX:zX
nexus_id = ''
nexus_id_hash = 0x00000000
type = 1
type_csi = 0
connect_fail_state = 2

```

```
station_visible      = 1
last_seen            = 816434
added_to_list        = 63
is_delete_pending    = 0
cnt_connect_success  = 51
cnt_connect_fail     = 1
cnt_disconnect_forced = 37
time_mean_connect    = 12977
```

Station connection:

```
bssid                = 00:00:00:00:00:00
role_id              = 2
if_name              = 'ath1'
connect_state        = 5
streams_rx           = 1
streams_tx           = 1
rate_rx_max          = 433300
rate_tx_max          = 433300
rate_rx_avg          = 433000
rate_tx_avg          = 433000
rate_rx              = 433000
rate_tx              = 433000
rssi                 = -52
quality              = 91
cipher               = 3
wlan_mode            = 16
channel              = 44
channel_width        = 80
flags                = 0x0002f851
avm_capabilities     = 0x00000000
avm_station_type     = 0
ACL:
  is_paused_connected = 0
```

Networking infos:

```
version              = 7
type                 = 1
is_active            = 1
is_guest             = 0
uid                  = 'wlan18:87:40:zX:zX:zX'
is_deletable         = 1
last_seen            = 0
nexus_id             = 00:00:00:00:00:00
```

Connect history: (role / if / connect (status initiator
IEEE802.11ReasonCode) / disconnect (status initiator
IEEE802.11ReasonCode) / wlan_mode / quality)

```
count_connect_success = 51
count_connect_fail     = 1
count_disconnect_forced = 37
time_mean_connect      = 12977
  2 / ath1              / 20211129-131539 (0x00000001 0x09 0x0001) /
20211129-191604 (0x0000004E 0x03 0x0000) / 0x09 / 91
  2 / ath1              / 20211129-191608 (0x00000001 0x09 0x0001) /
20211130-011712 (0x0000004E 0x03 0x0000) / 0x09 / 93
  1 / ath0              / 20211130-011715 (0x00000001 0x09 0x0001) /
20211130-011716 (0x0000001A 0x09 0x0001) / 0x05 / 59
  2 / ath1              / 20211130-011716 (0x00000001 0x09 0x0001) /
20211130-071740 (0x0000004E 0x03 0x0000) / 0x09 / 77
  1 / ath0              / 20211130-071740 (0x00000001 0x09 0x0001) /
20211130-071740 (0x0000001A 0x09 0x0001) / 0x05 / 1
```

2 / ath1 / 20211130-071740 (0x00000001 0x09 0x0001) /
20211130-131807 (0x0000004E 0x03 0x0000) / 0x09 / 75
2 / ath1 / 20211130-131811 (0x00000001 0x09 0x0001) /
20211130-191834 (0x0000004E 0x03 0x0000) / 0x09 / 69
2 / ath1 / 20211130-191838 (0x00000001 0x09 0x0001) /
20211201-011900 (0x0000004E 0x03 0x0000) / 0x09 / 91
2 / ath1 / 20211201-011905 (0x00000001 0x09 0x0001) /
20211201-071926 (0x0000004E 0x03 0x0000) / 0x09 / 63
2 / ath1 / 20211201-071932 (0x00000001 0x09 0x0001) /
20211201-131956 (0x0000004E 0x03 0x0000) / 0x09 / 71
2 / ath1 / 20211201-132001 (0x00000001 0x09 0x0001) /
20211201-192023 (0x0000004E 0x03 0x0000) / 0x09 / 95
2 / ath1 / 20211201-192027 (0x00000001 0x09 0x0001) /
20211201-204623 (0x0000001F 0x01 0x0000) / 0x09 / 91
1 / ath0 / 20211201-222727 (0x00000001 0x09 0x0001) /
20211201-222729 (0x0000001A 0x09 0x0001) / 0x05 / 53
2 / ath1 / 20211201-222729 (0x00000001 0x09 0x0001) /
20211201-224137 (0x0000004E 0x03 0x0000) / 0x09 / 69
1 / ath0 / 20211201-224139 (0x00000001 0x09 0x0001) /
20211201-224229 (0x0000001A 0x09 0x0001) / 0x05 / 81
2 / ath1 / 20211201-224229 (0x00000001 0x09 0x0001) /
20211202-044246 (0x0000004E 0x03 0x0000) / 0x09 / 92
2 / ath1 / 20211202-044251 (0x00000001 0x09 0x0001) /
20211202-104313 (0x0000004E 0x03 0x0000) / 0x09 / 92
2 / ath1 / 20211202-104317 (0x00000001 0x09 0x0001) /
20211202-164341 (0x0000004E 0x03 0x0000) / 0x09 / 85
2 / ath1 / 20211202-164346 (0x00000001 0x09 0x0001) /
20211202-224407 (0x0000004E 0x03 0x0000) / 0x09 / 85
2 / ath1 / 20211202-224413 (0x00000001 0x09 0x0001) /
20211202-230006 (0x00000001 0x02 0x0003) / 0x09 / 93
2 / ath1 / 20211204-104956 (0x00000001 0x09 0x0001) /
20211204-110313 (0x0000004E 0x03 0x0000) / 0x09 / 1
1 / ath0 / 20211204-110316 (0x00000001 0x09 0x0001) /
20211204-111807 (0x0000001A 0x09 0x0001) / 0x05 / 91
2 / ath1 / 20211204-111807 (0x00000001 0x09 0x0001) /
20211204-123604 (0x0000001A 0x09 0x0001) / 0x09 / 1
1 / ath0 / 20211204-123604 (0x00000001 0x09 0x0001) /
20211204-123854 (0x00000017 0x01 0x0000) / 0x05 / 22
1 / ath0 / 20211204-123856 (0x0000004E 0x03 0x0000) /
(0x0000004F 0x09 0x0001) / 0x00 / 0
2 / ath1 / 20211204-143647 (0x00000001 0x09 0x0001) /
20211204-143651 (0x0000001A 0x09 0x0001) / 0x09 / 1
1 / ath0 / 20211204-143651 (0x00000001 0x09 0x0001) /
20211204-143704 (0x0000001A 0x09 0x0001) / 0x05 / 59
2 / ath1 / 20211204-143704 (0x00000001 0x09 0x0001) /
20211204-144951 (0x0000001A 0x09 0x0001) / 0x09 / 79
1 / ath0 / 20211204-144951 (0x00000001 0x09 0x0001) /
20211204-145030 (0x0000001A 0x09 0x0001) / 0x05 / 91
2 / ath1 / 20211204-145030 (0x00000001 0x09 0x0001) /
20211204-205047 (0x0000004E 0x03 0x0000) / 0x09 / 85
2 / ath1 / 20211204-205052 (0x00000001 0x09 0x0001) /
20211205-025114 (0x0000004E 0x03 0x0000) / 0x09 / 89
2 / ath1 / 20211205-025122 (0x00000001 0x09 0x0001) /
20211205-085141 (0x0000004E 0x03 0x0000) / 0x09 / 65
2 / ath1 / 20211205-085148 (0x00000001 0x09 0x0001) /
20211205-145208 (0x0000004E 0x03 0x0000) / 0x09 / 69
2 / ath1 / 20211205-145213 (0x00000001 0x09 0x0001) /
20211205-205235 (0x0000004E 0x03 0x0000) / 0x09 / 92
1 / ath0 / 20211205-205239 (0x00000001 0x09 0x0001) /
20211205-210715 (0x0000004E 0x03 0x0000) / 0x05 / 92

```

2 / ath1 / 20211205-210718 (0x00000001 0x09 0x0001) /
20211206-032108 (0x0000004E 0x03 0x0000) / 0x09 / 1
2 / ath1 / 20211206-032113 (0x00000001 0x09 0x0001) /
20211206-092135 (0x0000004E 0x03 0x0000) / 0x09 / 91
2 / ath1 / 20211206-092139 (0x00000001 0x09 0x0001) /
20211206-152202 (0x0000004E 0x03 0x0000) / 0x09 / 59
2 / ath1 / 20211206-152207 (0x00000001 0x09 0x0001) /
20211206-212229 (0x0000004E 0x03 0x0000) / 0x09 / 92
2 / ath1 / 20211206-212233 (0x00000001 0x09 0x0001) /
20211207-032326 (0x0000004E 0x03 0x0000) / 0x09 / 93
1 / ath0 / 20211207-032326 (0x00000001 0x09 0x0001) /
20211207-032451 (0x0000001A 0x09 0x0001) / 0x05 / 71
2 / ath1 / 20211207-032451 (0x00000001 0x09 0x0001) /
20211207-092510 (0x0000004E 0x03 0x0000) / 0x09 / 87
2 / ath1 / 20211207-092515 (0x00000001 0x09 0x0001) /
20211207-143519 (0x00000038 0x03 0x0000) / 0x09 / 85
2 / ath1 / 20211207-154442 (0x00000001 0x09 0x0001) /
20211207-215855 (0x0000004E 0x03 0x0000) / 0x09 / 32
1 / ath0 / 20211207-215858 (0x00000001 0x09 0x0001) /
20211207-220157 (0x0000004E 0x03 0x0000) / 0x05 / 91
2 / ath1 / 20211207-220157 (0x00000001 0x09 0x0001) /
20211208-040214 (0x0000004E 0x03 0x0000) / 0x09 / 75
1 / ath0 / 20211208-040217 (0x00000001 0x09 0x0001) /
20211208-040218 (0x0000001A 0x09 0x0001) / 0x05 / 89
2 / ath1 / 20211208-040218 (0x00000001 0x09 0x0001) /
20211208-100241 (0x0000004E 0x03 0x0000) / 0x09 / 77
2 / ath1 / 20211208-100245 (0x00000001 0x09 0x0001) /
20211208-160308 (0x0000004E 0x03 0x0000) / 0x09 / 77
2 / ath1 / 20211208-160313 (0x00000001 0x09 0x0001) /
(0x0000004F 0x09 0x0001) / 0x09 / 63

```

Station management: (is remote station = no)

```

mac = CC:4B:73:MX:MX:MX
nexus_id = ''
nexus_id_hash = 0x00000000
type = 1
type_csi = 0
connect_fail_state = 2
station_visible = 1
last_seen = 96413
added_to_list = 63
is_delete_pending = 0
cnt_connect_success = 1
cnt_connect_fail = 0
cnt_disconnect_forced = 0
time_mean_connect = 1

```

Station connection:

```

bssid = 00:00:00:00:00:00
role_id = 0
if_name = ''
connect_state = 0
streams_rx = 0
streams_tx = 0
rate_rx_max = 0
rate_tx_max = 0
rate_rx_avg = 0
rate_tx_avg = 0
rate_rx = 0
rate_tx = 0
rssi = 0

```

```
quality = 0
cipher = 0
wlan_mode = 0
channel = 0
channel_width = 0
flags = 0x00000000
avm_capabilities = 0x00000000
avm_station_type = 0
ACL:
  is_paused_connected = 0
```

Networking infos:

```
version = 7
type = 1
is_active = 0
is_guest = 0
uid = 'wlanCC:4B:73:MX:MX:MX'
is_deletable = 1
last_seen = 720021
nexus_id = 00:00:00:00:00:00
```

```
Connect history: (role / if / connect (status initiator
IEEE802.11ReasonCode) / disconnect (status initiator
IEEE802.11ReasonCode) / wlan_mode / quality)
  count_connect_success = 1
  count_connect_fail = 0
  count_disconnect_forced = 0
  time_mean_connect = 1
    2 / ath1 / 20211130-133019 (0x00000001 0x09 0x0001) /
20211130-133020 (0x00000001 0x02 0x0008) / 0x09 / 35
##### END SECTION STATION_LIST
```

END SECTION WLAN_LIB

wlan.cfg

```
/*
 * /var/flash/wlan.cfg
 * Tue Dec 7 21:47:29 2021
 */
```

```
meta { encoding = "utf-8"; }
```

```
wlancfg {
  wlancfg_version = 32;
  country = "049";
  language = "de";
  bridge_mode = "bridge-none";
  auto_settings = 2;
  auto_update = 1;
  ap_enabled = 1;
  ap_enabled_saved = 1;
  ap_enabled_scnd = 1;
  ap_enabled_thrd = 0;
  ap_enabled_scnd_saved = 1;
  ap_enabled_thrd_saved = 0;
  channel = 0;
  channel_scnd = 0;
  channel_thrd = 0;
  channelwidth = 1;
```



```
channelwidth_scnd = 4;
channelwidth_thrd = 1;
ssid = "SECRET";
ssid_scnd = "SECRET";
ssid_thrd = "SECRET";
hidden_ssid = 0;
power_level = 1;
bg_mode = 23;
bg_mode_scnd = 53;
bg_mode_thrd = 52;
user_isolation = 0;
encryption = 3;
pskvalue = SECRET;
interval = 3600;
turbomode = yes;
wlan_coexistence = 1;
mac_accesslist_state = 0;
event_control = 6;
band_steering = yes;
pmf_mode = 0;
pmf_mode_uplink = 0;
WDS_enabled = no;
WDS2_enabled = no;
WDS_hop = 0;
WDS_mac_master = 00:00:00:00:00:00;
WDS_mac_slave0 = 00:00:00:00:00:00;
WDS_mac_slave1 = 00:00:00:00:00:00;
WDS_mac_slave2 = 00:00:00:00:00:00;
WDS_mac_slave3 = 00:00:00:00:00:00;
WDS_encryption = 0;
WDS_key = "";
WDS_ssid = "SECRET";
night_time_control_enabled = no;
night_time_control_no_forced_off = yes;
night_time_control_with_reconnect = yes;
night_time_control_auto_update = yes;
guest_mode = 1;
guest_ssid_set = no;
guest_ap_enabled = no;
guest_timeout_active = no;
guest_timeout_minutes = 30;
guest_no_forced_off = no;
guest_ssid = "SECRET";
guest_encryption = 3;
guest_pskvalue = SECRET;
guest_ap_auto_update = yes;
guest_user_isolation = yes;
greenmode_enabled = no;
IPTVoptimize = yes;
wireless_stickandsurf_enabled = no;
tx_autopower = no;
autochannel_plus = no;
autochannel_plus_11a = no;
force_channel_conversion = no;
STA_configured = no;
STA_configured_scnd = no;
STA_configured_thrd = no;
STA_enabled = no;
STA_enabled_scnd = no;
STA_enabled_thrd = no;
```

```
STA_ssid = "SECRET";
STA_ssid_scnd = "SECRET";
STA_ssid_thrd = "SECRET";
STA_mac_master = 00:00:00:00:00:00;
STA_mac_master_scnd = 00:00:00:00:00:00;
STA_mac_master_thrd = 00:00:00:00:00:00;
STA_encryption = 0;
STA_encryption_scnd = 0;
STA_encryption_thrd = 0;
STA_pskvalue = "";
STA_pskvalue_scnd = "";
STA_pskvalue_thrd = "";
STA_mode = 0;
STA_mode_scnd = 52;
STA_mode_thrd = 52;
STA_overwrite_ap_config = yes;
STA_repeating_mode = 0;
uapsd_supported = no;
uapsd_enable = no;
wmm_enabled = yes;
wmm_supported = yes;
wmm_ap_aifsn = 10;
wmm_ap_ecwmin = 3;
wmm_ap_ecwmax = 7;
wmm_ap_txop = 1;
wmm_ap_ackpolicy = no;
wmm_sta_aifsn = 10;
wmm_sta_ecwmin = 3;
wmm_sta_ecwmax = 7;
wmm_sta_txop = 1;
wmm_sta_ackpolicy = no;
wps_enable = yes;
wps_mode = 1;
wps_devicename = "FBox";
wps_uuid = SECRET;
wps_version = 16;
wps_config_methods_supported = "PushButton";
wps_config_methods_enabled = "PushButton";
wps_setup_locked_state = "Unlocked";
wps_setup_lock = no;
wps_configuration_state = "Configured";
wps_last_configuration_error = "NoError";
wps_registrar_number_of_entries = 0;
wps_registrar_established = no;
wps_registrar_enable = no;
wps_registrar_uuid = "";
wps_registrar_devicename = "";
wps_guest_uuid = SECRET;
feature_wlan_coexistence = -1;
debug_settings {
    trace_state = wlancfg_trace_state_off;
    trace_parameter = "";
}
client_stations {
    mac = 00:08:22:hX:hX:hX;
    type = 1;
} {
    mac = 00:08:22:HX:HX:HX;
    type = 1;
} {
```

```

        mac = 00:08:22:PX:PX:PX;
        type = 1;
    } {
        mac = 00:08:22:gX:gX:gX;
        type = 1;
    } {
        mac = 00:08:22:xX:xX:xX;
        type = 1;
    } {
        mac = E6:41:C5:mX:mX:mX;
        type = 1;
    } {
        mac = 0A:E8:85:yX:yX:yX;
        type = 1;
    } {
        mac = 92:6A:9B:XX:XX:XX;
        type = 1;
    } {
        mac = EA:77:26:ZX:ZX:ZX;
        type = 1;
    } {
        mac = 74:12:B3:RX:RX:RX;
        type = 1;
    } {
        mac = 18:87:40:zX:zX:zX;
        type = 1;
    } {
        mac = CC:4B:73:MX:MX:MX;
        type = 1;
    }
radios {
    id = 1;
    band = wlancfg_radio_band_2_ghz;
    channel = 0;
    autochannel_plus = no;
    autochannel_plus_11a = no;
} {
    id = 2;
    band = wlancfg_radio_band_5_ghz;
    channel = 0;
    autochannel_plus = no;
    autochannel_plus_11a = no;
}
acl_config {
    autofill_enable = no;
}
}

```

```

// EOF
##### END SECTION WLAN
##### BEGIN SECTION DSL
##### END SECTION DSL
##### BEGIN SECTION DPM
##### END SECTION DPM
##### BEGIN SECTION FIBER
##### END SECTION FIBER
##### BEGIN SECTION Cable
##### END SECTION Cable
##### BEGIN SECTION USB

```

=== AVM USB Config ===

```
ctlusb:settings/ or ctlusb:status/  
hubcount=0  
power_rejected=0  
printer-avail=0  
printer-status=4  
storage-ftp-internet=0  
ftp-server-enabled=0  
samba-server-enabled=0  
samba-server-smbv1-enabled=0  
unplug=0  
unplug-status=0  
unplug-ok=0  
storage_spindown=1  
storage_spindown_time=600  
storage_spindown_test=0  
internalflash_enabled=1  
internet-secured=0  
fritznas_share=<SECRET>  
samba-workgroup=<SECRET>  
samba-server-string=<SECRET>  
storage-ftp-internet-port=0  
storage-ftp-internet-with-random-port=0  
nas-enabled=1  
storage-ftp-internet-on-demand-only=0  
fritznas-always-index=1  
autoprov_enabled=1  
usb3port_config=0  
usb3port_switchable=12  
port_count=2
```

=== USB Devices ===

```
T: Bus=01 Lev=00 Prnt=00 Port=00 Cnt=00 Dev#= 1 Spd=480 MxCh= 7  
B: Alloc= 0/800 us ( 0%), #Int= 0, #Iso= 0  
D: Ver= 2.00 Cls=09(hub ) Sub=00 Prot=01 MxPS=64 #Cfgs= 1  
P: Vendor=1d6b ProdID=0002 Rev= 4.09  
S: Manufacturer=Linux 4.9.250 xhci-hcd  
S: Product=xHCI Host Controller  
S: SerialNumber=0000:00:14.0  
C:* #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr= 0mA  
I:* If#= 0 Alt= 0 #EPs= 1 Cls=09(hub ) Sub=00 Prot=00 Driver=hub  
E: Ad=81(I) Atr=03(Int.) MxPS= 4 Iv1=256ms
```

```
T: Bus=02 Lev=00 Prnt=00 Port=00 Cnt=00 Dev#= 1 Spd=5000 MxCh= 6  
B: Alloc= 0/800 us ( 0%), #Int= 0, #Iso= 0  
D: Ver= 3.00 Cls=09(hub ) Sub=00 Prot=03 MxPS= 9 #Cfgs= 1  
P: Vendor=1d6b ProdID=0003 Rev= 4.09  
S: Manufacturer=Linux 4.9.250 xhci-hcd  
S: Product=xHCI Host Controller  
S: SerialNumber=0000:00:14.0  
C:* #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr= 0mA  
I:* If#= 0 Alt= 0 #EPs= 1 Cls=09(hub ) Sub=00 Prot=00 Driver=hub  
E: Ad=81(I) Atr=03(Int.) MxPS= 4 Iv1=256ms
```

=== SCSI Devices ===

```
major minor #blocks name  
  
1 0 16384 ram0  
1 1 16384 ram1  
1 2 16384 ram2  
1 3 16384 ram3
```

1	4	16384	ram4
1	5	16384	ram5
1	6	16384	ram6
1	7	16384	ram7
1	8	16384	ram8
1	9	16384	ram9
1	10	16384	ram10
1	11	16384	ram11
1	12	16384	ram12
1	13	16384	ram13
1	14	16384	ram14
1	15	16384	ram15
31	0	4	mtdblock0
31	1	880	mtdblock1
31	2	864	mtdblock2
31	3	300	mtdblock3
179	0	3866624	mmcblk0
179	1	128	mmcblk0p1
179	2	9216	mmcblk0p2
179	3	73728	mmcblk0p3
179	4	5120	mmcblk0p4
179	5	19456	mmcblk0p5
179	6	40960	mmcblk0p6
179	7	128	mmcblk0p7
179	8	9216	mmcblk0p8
179	9	73728	mmcblk0p9
179	10	5120	mmcblk0p10
179	11	19456	mmcblk0p11
179	12	40960	mmcblk0p12
179	13	8192	mmcblk0p13
179	14	8192	mmcblk0p14
179	15	8192	mmcblk0p15
179	16	8192	mmcblk0p16
179	17	131072	mmcblk0p17
179	18	3402735	mmcblk0p18
179	96	512	mmcblk0rpmb
179	64	2048	mmcblk0boot1
179	32	2048	mmcblk0boot0
31	4	8192	mtdblock4

/sys/bus/usb/devices/usb1/bConfigurationValue:1

/sys/bus/usb/devices/usb2/bConfigurationValue:1

/sys/module/usbcore/parameters/authorized_default:-1

/sys/module/usbcore/parameters/autosuspend:60

/sys/module/usbcore/parameters/enum_error_count:0

/sys/module/usbcore/parameters/initial_descriptor_timeout:5000

/sys/module/usbcore/parameters/overcurrent_error_count:0

/sys/module/usbcore/parameters/reconnect_count:0

/sys/module/usbcore/parameters/reset_resume_count:0

/sys/module/usbcore/parameters/resume_error_count:0

/sys/module/usbcore/parameters/suspend_blacklist_size:0

/sys/module/usbcore/parameters/suspend_count:0

/sys/module/usbcore/parameters/suspend_error_count:0

/sys/module/usbcore/parameters/usbfs_memory_mb:16

/sys/module/usbcore/parameters/usbfs_snoop_max:65536

/sys/bus/usb/devices/usb1/power/control:auto

/sys/bus/usb/devices/usb2/power/control:auto

```

/sys/bus/usb/devices/usb1/power/autosuspend:0
/sys/bus/usb/devices/usb2/power/autosuspend:0
/sys/bus/usb/devices/1-0:1.0/power/runtime_status:suspended
/sys/bus/usb/devices/2-0:1.0/power/runtime_status:suspended
/sys/bus/usb/devices/usb1/power/runtime_status:suspended
/sys/bus/usb/devices/usb2/power/runtime_status:suspended
=== AURA Devices ===
Error: AURA Daemon not accessible!
aura:settings/ or aura:status/
  enabled=0
  aura4storage=0
  aura4printer=0
  aura4other=0
  status=1
##### END SECTION USB
##### BEGIN SECTION Telephony
##### END SECTION Telephony
##### BEGIN SECTION Powerline
"enabled": 1
"allowStandby": 1
"en": 1
"powerSave": 1
"powerSave24HourSavings": ""
"autoUpdateAllEnabled": 1
"limiters": ""
"statistics": {
  "ts": "2021-12-08T21:21:24Z",
  "adapters": [
  ]
}

##### END SECTION Powerline
##### BEGIN SECTION LTE

^^------(S) mobile support data start (argo)

^^------(U) mobile udev

^^------(C) mobile crashreports

^^------(E) mobile support data end

##### END SECTION LTE
##### BEGIN SECTION Meshd
===== Mesh Topology Dump Begin =====
{
  "schema_version": "1.9",
  "nodes": [
    {
      "uid": "n-1",
      "source": {
        "type": "LOCAL TYPE",
        "value": "UNKNOWN"
      },
      "device_name": "SECRET",
      "device_model": "FRITZ!Box 6591 Cable (lgi)",
      "device_manufacturer": "AVM",

```

```

"device_firmware_version": "161.07.27",
"device_mac_address": "2C:91:AB:HX:HX:HX",
"is_meshed": true,
"mesh_role": "master",
"meshd_version": "3.13",
"device_type": "FRITZ!Box",
"ieee1905_1": false,
"steerable": true,
"service_manager": {
  "addr_type": "COLLECTION TYPE",
  "addr_category": "MIXED COLLECTION CATEGORY",
  "services": [
    {
      "addr_type": "COLLECTION TYPE",
      "addr_category": "LOCAL COLLECTION
CATEGORY",
      "services": [
        {
          "addr_type": "LOCAL TYPE",
          "type": "LAN SERVICE"
        },
        {
          "addr_type": "LOCAL TYPE",
          "type": "WLAN SERVICE"
        },
        {
          "addr_type": "LOCAL TYPE",
          "type": "PLC SERVICE"
        }
      ]
    }
  ]
},
"node_interfaces": [
  {
    "uid": "ni-36",
    "source": {
      "type": "LOCAL TYPE",
      "value": "LAN SERVICE"
    },
    "name": "LAN:1",
    "type": "LAN",
    "mac_address": "2C:91:AB:HX:HX:HX",
    "blocking_state": "UNKNOWN",
    "node_links": [
    ]
  },
  {
    "uid": "ni-37",
    "source": {
      "type": "LOCAL TYPE",
      "value": "LAN SERVICE"
    },
    "name": "LAN:2",
    "type": "LAN",
    "mac_address": "2C:91:AB:HX:HX:HX",
    "blocking_state": "UNKNOWN",
    "node_links": [
  ]
}

```

```

    ]
  },
  {
    "uid": "ni-38",
    "source": {
      "type": "LOCAL TYPE",
      "value": "LAN SERVICE"
    },
    "name": "LAN:3",
    "type": "LAN",
    "mac_address": "2C:91:AB:HX:HX:HX",
    "blocking_state": "UNKNOWN",
    "node_links": [
      {
        "uid": "nl-95",
        "source": {
          "type": "LOCAL TYPE",
          "value": "LAN SERVICE"
        },
        "type": "LAN",
        "state": "CONNECTED",
        "last_connected": 1638179006,
        "node_1_uid": "n-1",
        "node_2_uid": "n-97",
        "node_interface_1_uid": "ni-38",
        "node_interface_2_uid": "ni-96",
        "max_data_rate_rx": 1000000,
        "max_data_rate_tx": 1000000,
        "cur_data_rate_rx": 0,
        "cur_data_rate_tx": 0,
        "cur_availability_rx": 255,
        "cur_availability_tx": 255
      }
    ]
  },
  {
    "uid": "ni-39",
    "source": {
      "type": "LOCAL TYPE",
      "value": "LAN SERVICE"
    },
    "name": "LAN:4",
    "type": "LAN",
    "mac_address": "2C:91:AB:HX:HX:HX",
    "blocking_state": "UNKNOWN",
    "node_links": [
    ]
  },
  {
    "uid": "ni-5",
    "source": {
      "type": "LOCAL TYPE",
      "value": "LAN SERVICE"
    },
    "name": "LANBridge",
    "type": "LAN",
    "mac_address": "2C:91:AB:HX:HX:HX",
    "blocking_state": "NOT_BLOCKED",
    "node_links": [
  
```



```

    ],
    {
        "uid": "ni-98",
        "source": {
            "type": "LOCAL TYPE",
            "value": "WLAN SERVICE"
        },
        "name": "AP:5G:0",
        "type": "WLAN",
        "mac_address": "2C:91:AB:hX:hX:hX",
        "blocking_state": "UNKNOWN",
        "node_links": [
            {
                "uid": "nl-108",
                "source": {
                    "type": "LOCAL TYPE",
                    "value": "WLAN SERVICE"
                },
                "type": "WLAN",
                "state": "CONNECTED",
                "last_connected": 1638975793,
                "node_1_uid": "n-1",
                "node_2_uid": "n-49",
                "node_interface_1_uid": "ni-98",
                "node_interface_2_uid": "ni-50",
                "max_data_rate_rx": 433300,
                "max_data_rate_tx": 433300,
                "cur_data_rate_rx": 433000,
                "cur_data_rate_tx": 433000,
                "cur_availability_rx": 100,
                "cur_availability_tx": 100,
                "rx_rsnr": 37,
                "tx_rsnr": 0,
                "rx_rcpi": -52,
                "tx_rcpi": -44,
                "capabilities": [
                    "WME",
                    "STBC",
                    "LDPC",
                    "WME_PS",
                    "MU-MIMO",
                    "BAND_2GHz",
                    "BAND_5GHz",
                    "RRM",
                    "BTM"
                ],
                "idle": false
            }
        ],
        "ssid": "SECRET",
        "opmode": "AP",
        "security": "WPA2PSK",
        "supported_streams_tx": [
            [
                "20 MHz",
                4
            ]
        ],
    ]

```

```

        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 36,
        "config_flags": [
        ]
    },
    {
        "channel": 40,

```

```
        "config_flags": [
    ],
},
{
    "channel": 44,
    "config_flags": [
    ],
},
{
    "channel": 48,
    "config_flags": [
    ],
},
{
    "channel": 52,
    "config_flags": [
    ],
},
{
    "channel": 56,
    "config_flags": [
    ],
},
{
    "channel": 60,
    "config_flags": [
    ],
},
{
    "channel": 64,
    "config_flags": [
    ],
},
{
    "channel": 100,
    "config_flags": [
    ],
},
{
    "channel": 104,
    "config_flags": [
    ],
},
{
    "channel": 108,
    "config_flags": [
    ],
},
{
    "channel": 112,
```

```
        "config_flags": [
            ]
        },
        {
            "channel": 116,
            "config_flags": [
                ]
        },
        {
            "channel": 120,
            "config_flags": [
                ]
        },
        {
            "channel": 124,
            "config_flags": [
                ]
        },
        {
            "channel": 128,
            "config_flags": [
                ]
        },
        {
            "channel": 132,
            "config_flags": [
                ]
        },
        {
            "channel": 136,
            "config_flags": [
                ]
        },
        {
            "channel": 140,
            "config_flags": [
                ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_5GHz"
    ]
},
{
    "uid": "ni-92",
```

```

"source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
},
"name": "AP:2G:0",
"type": "WLAN",
"mac_address": "2C:91:AB:IX:IX:IX",
"blocking_state": "UNKNOWN",
"node_links": [
    {
        "uid": "nl-112",
        "source": {
            "type": "LOCAL TYPE",
            "value": "STEERING"
        },
        "type": "WLAN",
        "state": "DISCONNECTED",
        "last_connected": 1638179006,
        "node_1_uid": "n-1",
        "node_2_uid": "n-49",
        "node_interface_1_uid": "ni-92",
        "node_interface_2_uid": "ni-50",
        "max_data_rate_rx": 0,
        "max_data_rate_tx": 0,
        "cur_data_rate_rx": 0,
        "cur_data_rate_tx": 0,
        "cur_availability_rx": 95,
        "cur_availability_tx": 95,
        "rx_rsni": 50,
        "tx_rsni": 0,
        "rx_rcpi": -39,
        "tx_rcpi": -49,
        "capabilities": [
            ],
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",

```

```

        0
    ],
    "supported_streams_rx": [
        [
            "20 MHz",
            4
        ],
        [
            "40 MHz",
            4
        ],
        [
            "80 MHz",
            0
        ],
        [
            "160 MHz",
            0
        ],
        [
            "80+80 MHz",
            0
        ]
    ],
    "current_channel": 6,
    "phymodes": [
        "g",
        "n"
    ],
    "channel_utilization": 5,
    "anpi": -103,
    "steering_enabled": true,
    "11k_friendly": false,
    "11v_friendly": false,
    "legacy_friendly": true,
    "rrm_compliant": false,
    "channel_list": [
        {
            "channel": 1,
            "config_flags": [
            ]
        },
        {
            "channel": 2,
            "config_flags": [
            ]
        },
        {
            "channel": 3,
            "config_flags": [
            ]
        },
        {
            "channel": 4,
            "config_flags": [
            ]
        }
    ]

```

```
    ],
    {
      "channel": 5,
      "config_flags": [
      ]
    },
    {
      "channel": 6,
      "config_flags": [
      ]
    },
    {
      "channel": 7,
      "config_flags": [
      ]
    },
    {
      "channel": 8,
      "config_flags": [
      ]
    },
    {
      "channel": 9,
      "config_flags": [
      ]
    },
    {
      "channel": 10,
      "config_flags": [
      ]
    },
    {
      "channel": 11,
      "config_flags": [
      ]
    },
    {
      "channel": 12,
      "config_flags": [
      ]
    },
    {
      "channel": 13,
      "config_flags": [
      ]
    }
  ],
  "state": "ON_AIR",
  "capabilities": [
    "WPA2_PSK",
```

```

        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_2GHz"
    ]
}
]
},
{
    "uid": "n-49",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "device_name": "SECRET",
    "device_model": "",
    "device_manufacturer": "",
    "device_firmware_version": "",
    "device_mac_address": "18:87:40:ZX:ZX:ZX",
    "is_meshed": false,
    "mesh_role": "unknown",
    "meshd_version": "0.0",
    "device_type": "unknown",
    "ieee1905_1": false,
    "steerable": true,
    "service_manager": {
        "addr_type": "COLLECTION TYPE",
        "addr_category": "MIXED COLLECTION CATEGORY",
        "services": [

        ]
    },
    "node_interfaces": [
        {
            "uid": "ni-50",
            "source": {
                "type": "LOCAL TYPE",
                "value": "WLAN SERVICE"
            },
            "name": "",
            "type": "WLAN",
            "mac_address": "18:87:40:ZX:ZX:ZX",
            "blocking_state": "UNKNOWN",
            "node_links": [
                {
                    "uid": "nl-108",
                    "source": {
                        "type": "LOCAL TYPE",
                        "value": "WLAN SERVICE"
                    },
                    "type": "WLAN",
                    "state": "CONNECTED",
                    "last_connected": 1638975793,
                    "node_1_uid": "n-1",
                    "node_2_uid": "n-49",
                    "node_interface_1_uid": "ni-98",
                    "node_interface_2_uid": "ni-50",
                    "max_data_rate_rx": 433300,

```



```

        "max_data_rate_tx": 433300,
        "cur_data_rate_rx": 433000,
        "cur_data_rate_tx": 433000,
        "cur_availability_rx": 100,
        "cur_availability_tx": 100,
        "rx_rsni": 37,
        "tx_rsni": 0,
        "rx_rcpi": -52,
        "tx_rcpi": -44,
        "capabilities": [
            "WME",
            "STBC",
            "LDPC",
            "WME_PS",
            "MU-MIMO",
            "BAND_2GHz",
            "BAND_5GHz",
            "RRM",
            "BTM"
        ],
        "idle": false
    },
    {
        "uid": "nl-112",
        "source": {
            "type": "LOCAL TYPE",
            "value": "STEERING"
        },
        "type": "WLAN",
        "state": "DISCONNECTED",
        "last_connected": 1638179006,
        "node_1_uid": "n-1",
        "node_2_uid": "n-49",
        "node_interface_1_uid": "ni-92",
        "node_interface_2_uid": "ni-50",
        "max_data_rate_rx": 0,
        "max_data_rate_tx": 0,
        "cur_data_rate_rx": 0,
        "cur_data_rate_tx": 0,
        "cur_availability_rx": 95,
        "cur_availability_tx": 95,
        "rx_rsni": 50,
        "tx_rsni": 0,
        "rx_rcpi": -39,
        "tx_rcpi": -49,
        "capabilities": [

        ],
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "STATION",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        1
    ],
],
[

```

```

        "40 MHz",
        1
    ],
    [
        "80 MHz",
        1
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        1
    ],
    [
        "40 MHz",
        1
    ],
    [
        "80 MHz",
        1
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "b",
    "g",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": 255,
"steering_enabled": true,
"11k_friendly": true,
"11v_friendly": true,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 1,
        "config_flags": [
            ]
        },
    ],

```

```
{
  "channel": 6,
  "config_flags": [
  ],
},
{
  "channel": 11,
  "config_flags": [
  ],
},
{
  "channel": 36,
  "config_flags": [
  ],
},
{
  "channel": 44,
  "config_flags": [
  ],
},
{
  "channel": 56,
  "config_flags": [
  ],
},
{
  "channel": 100,
  "config_flags": [
  ],
},
{
  "channel": 108,
  "config_flags": [
  ],
},
{
  "channel": 112,
  "config_flags": [
  ]
}
],
"state": "ON_AIR",
"capabilities": [
  "WME",
  "STBC",
  "LDPC",
  "WME_PS",
  "MU-MIMO",
  "BAND_2GHz",
  "BAND_5GHz",
  "RRM",
  "BTM",
```

```

        "N_2G_256QAM"
    ]
}
],
{
    "uid": "n-29",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "device_name": "SECRET",
    "device_model": "",
    "device_manufacturer": "",
    "device_firmware_version": "",
    "device_mac_address": "CC:4B:73:iX:iX:iX",
    "is_meshed": false,
    "mesh_role": "unknown",
    "meshd_version": "0.0",
    "device_type": "unknown",
    "ieee1905_1": false,
    "steerable": true,
    "service_manager": {
        "addr_type": "COLLECTION TYPE",
        "addr_category": "MIXED COLLECTION CATEGORY",
        "services": [

        ]
    },
    "node_interfaces": [
        {
            "uid": "ni-28",
            "source": {
                "type": "LOCAL TYPE",
                "value": "WLAN SERVICE"
            },
            "name": "",
            "type": "WLAN",
            "mac_address": "CC:4B:73:iX:iX:iX",
            "blocking_state": "UNKNOWN",
            "node_links": [

            ],
            "ssid": "SECRET",
            "opmode": "STATION",
            "security": "WPA2PSK",
            "supported_streams_tx": [
                [
                    "20 MHz",
                    1
                ],
                [
                    "40 MHz",
                    1
                ],
                [
                    "80 MHz",
                    1
                ],
                [

```

```

        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        1
    ],
    [
        "40 MHz",
        1
    ],
    [
        "80 MHz",
        1
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": 255,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 44,
        "config_flags": [

        ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WME",
    "LDPC",
    "BAND_2GHz",
    "BAND_5GHz"
]
}
]

```

```

},
{
  "uid": "n-76",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "device_name": "SECRET",
  "device_model": "",
  "device_manufacturer": "",
  "device_firmware_version": "",
  "device_mac_address": "EA:77:26:yX:yX:yX",
  "is_meshed": false,
  "mesh_role": "unknown",
  "meshd_version": "0.0",
  "device_type": "unknown",
  "ieee1905_1": false,
  "steerable": true,
  "service_manager": {
    "addr_type": "COLLECTION TYPE",
    "addr_category": "MIXED COLLECTION CATEGORY",
    "services": [

    ]
  },
  "node_interfaces": [
    {
      "uid": "ni-75",
      "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
      },
      "name": "",
      "type": "WLAN",
      "mac_address": "EA:77:26:yX:yX:yX",
      "blocking_state": "UNKNOWN",
      "node_links": [

      ],
      "ssid": "SECRET",
      "opmode": "STATION",
      "security": "WPA2PSK",
      "supported_streams_tx": [
        [
          "20 MHz",
          2
        ],
        [
          "40 MHz",
          2
        ],
        [
          "80 MHz",
          2
        ],
        [
          "160 MHz",
          0
        ],
        [

```

```

            "80+80 MHz",
            0
        ],
    ],
    "supported_streams_rx": [
        [
            "20 MHz",
            2
        ],
        [
            "40 MHz",
            2
        ],
        [
            "80 MHz",
            2
        ],
        [
            "160 MHz",
            0
        ],
        [
            "80+80 MHz",
            0
        ]
    ],
    "current_channel": 44,
    "phymodes": [
        "a",
        "b",
        "g",
        "n",
        "ac"
    ],
    "channel_utilization": 0,
    "anpi": 255,
    "steering_enabled": true,
    "11k_friendly": true,
    "11v_friendly": true,
    "legacy_friendly": true,
    "rrm_compliant": false,
    "channel_list": [
        {
            "channel": 1,
            "config_flags": [
            ]
        },
        {
            "channel": 44,
            "config_flags": [
            ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WME",
        "LDPC",
        "WME_PS",
    ]

```

```

        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ]
}
]
},
{
    "uid": "n-63",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "device_name": "SECRET",
    "device_model": "",
    "device_manufacturer": "",
    "device_firmware_version": "",
    "device_mac_address": "92:6A:9B:XX:XX:XX",
    "is_meshed": false,
    "mesh_role": "unknown",
    "meshd_version": "0.0",
    "device_type": "unknown",
    "ieee1905_1": false,
    "steerable": true,
    "service_manager": {
        "addr_type": "COLLECTION TYPE",
        "addr_category": "MIXED COLLECTION CATEGORY",
        "services": [

        ]
    },
    "node_interfaces": [
        {
            "uid": "ni-61",
            "source": {
                "type": "LOCAL TYPE",
                "value": "WLAN SERVICE"
            },
            "name": "",
            "type": "WLAN",
            "mac_address": "92:6A:9B:XX:XX:XX",
            "blocking_state": "UNKNOWN",
            "node_links": [

            ],
            "ssid": "SECRET",
            "opmode": "STATION",
            "security": "WPA2PSK",
            "supported_streams_tx": [
                [
                    "20 MHz",
                    1
                ],
                [
                    "40 MHz",
                    0
                ],
                [
                    "80 MHz",

```



```

        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        1
    ],
    [
        "40 MHz",
        0
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 1,
"phymodes": [
    "b",
    "g",
    "n"
],
"channel_utilization": 0,
"anpi": 255,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": true,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 1,
        "config_flags": [

        ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WME",
    "STBC",
    "WME_PS",
    "BAND_2GHz",

```

```

        "BTM"
    ]
}
],
{
    "uid": "n-74",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "device_name": "SECRET",
    "device_model": "",
    "device_manufacturer": "",
    "device_firmware_version": "",
    "device_mac_address": "0A:E8:85:YX:YX:YX",
    "is_meshed": false,
    "mesh_role": "unknown",
    "meshd_version": "0.0",
    "device_type": "unknown",
    "ieee1905_1": false,
    "steerable": true,
    "service_manager": {
        "addr_type": "COLLECTION TYPE",
        "addr_category": "MIXED COLLECTION CATEGORY",
        "services": [

        ]
    },
    "node_interfaces": [
        {
            "uid": "ni-73",
            "source": {
                "type": "LOCAL TYPE",
                "value": "WLAN SERVICE"
            },
            "name": "",
            "type": "WLAN",
            "mac_address": "0A:E8:85:YX:YX:YX",
            "blocking_state": "UNKNOWN",
            "node_links": [

            ],
            "ssid": "SECRET",
            "opmode": "STATION",
            "security": "WPA2PSK",
            "supported_streams_tx": [
                [
                    "20 MHz",
                    2
                ],
                [
                    "40 MHz",
                    2
                ],
                [
                    "80 MHz",
                    2
                ],
                [

```

```
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        2
    ],
    [
        "40 MHz",
        2
    ],
    [
        "80 MHz",
        2
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "b",
    "g",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": 255,
"steering_enabled": true,
"11k_friendly": true,
"11v_friendly": true,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 1,
        "config_flags": [
        ]
    },
    {
        "channel": 44,
        "config_flags": [
        ]
    }
],
"state": "ON_AIR",
```

```

        "capabilities": [
            "WME",
            "LDPC",
            "WME_PS",
            "BAND_2GHz",
            "BAND_5GHz",
            "RRM",
            "BTM"
        ]
    }
}
},
{
    "uid": "n-10",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "device_name": "SECRET",
    "device_model": "",
    "device_manufacturer": "",
    "device_firmware_version": "",
    "device_mac_address": "E6:41:C5:JX:JX:JX",
    "is_meshed": false,
    "mesh_role": "unknown",
    "meshd_version": "0.0",
    "device_type": "unknown",
    "ieee1905_1": false,
    "steerable": true,
    "service_manager": {
        "addr_type": "COLLECTION TYPE",
        "addr_category": "MIXED COLLECTION CATEGORY",
        "services": [

        ]
    },
    "node_interfaces": [
        {
            "uid": "ni-9",
            "source": {
                "type": "LOCAL TYPE",
                "value": "WLAN SERVICE"
            },
            "name": "",
            "type": "WLAN",
            "mac_address": "E6:41:C5:JX:JX:JX",
            "blocking_state": "UNKNOWN",
            "node_links": [

            ],
            "ssid": "SECRET",
            "opmode": "STATION",
            "security": "WPA2PSK",
            "supported_streams_tx": [
                [
                    "20 MHz",
                    1
                ],
                [
                    "40 MHz",

```

```

        0
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        1
    ],
    [
        "40 MHz",
        0
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 1,
"phymodes": [
    "b",
    "g",
    "n"
],
"channel_utilization": 0,
"anpi": 255,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": true,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 1,
        "config_flags": [

        ]
    }
],
"state": "ON_AIR",
"capabilities": [

```

```

        "WME",
        "STBC",
        "WME_PS",
        "BAND_2GHz",
        "BTM"
    ]
}
]
},
{
    "uid": "n-132",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "device_name": "SECRET",
    "device_model": "",
    "device_manufacturer": "",
    "device_firmware_version": "",
    "device_mac_address": "00:08:22:xX:xX:xX",
    "is_meshed": false,
    "mesh_role": "unknown",
    "meshd_version": "0.0",
    "device_type": "unknown",
    "ieee1905_1": false,
    "steerable": true,
    "service_manager": {
        "addr_type": "COLLECTION TYPE",
        "addr_category": "MIXED COLLECTION CATEGORY",
        "services": [

        ]
    },
    "node_interfaces": [
        {
            "uid": "ni-127",
            "source": {
                "type": "LOCAL TYPE",
                "value": "WLAN SERVICE"
            },
            "name": "",
            "type": "WLAN",
            "mac_address": "00:08:22:xX:xX:xX",
            "blocking_state": "UNKNOWN",
            "node_links": [

            ],
            "ssid": "SECRET",
            "opmode": "STATION",
            "security": "WPA2PSK",
            "supported_streams_tx": [
                [
                    "20 MHz",
                    1
                ],
                [
                    "40 MHz",
                    0
                ],
            ]
        }
    ]
}

```

```

        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        1
    ],
    [
        "40 MHz",
        0
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 6,
"phymodes": [
    "b",
    "g",
    "n"
],
"channel_utilization": 0,
"anpi": 255,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 1,
        "config_flags": [

        ]
    },
    {
        "channel": 6,
        "config_flags": [

        ]
    }
]

```



```
[
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        1
    ],
    [
        "40 MHz",
        0
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 6,
"phymodes": [
    "b",
    "g",
    "n"
],
"channel_utilization": 0,
"anpi": 255,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 6,
        "config_flags": [
        ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WME",
    "STBC",
```

```

        "BAND_2GHz"
    ]
}
],
{
    "uid": "n-103",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "device_name": "SECRET",
    "device_model": "",
    "device_manufacturer": "",
    "device_firmware_version": "",
    "device_mac_address": "00:08:22:jX:jX:jX",
    "is_meshed": false,
    "mesh_role": "unknown",
    "meshd_version": "0.0",
    "device_type": "unknown",
    "ieee1905_1": false,
    "steerable": true,
    "service_manager": {
        "addr_type": "COLLECTION TYPE",
        "addr_category": "MIXED COLLECTION CATEGORY",
        "services": [

        ]
    },
    "node_interfaces": [
        {
            "uid": "ni-102",
            "source": {
                "type": "LOCAL TYPE",
                "value": "WLAN SERVICE"
            },
            "name": "",
            "type": "WLAN",
            "mac_address": "00:08:22:jX:jX:jX",
            "blocking_state": "UNKNOWN",
            "node_links": [

            ],
            "ssid": "SECRET",
            "opmode": "STATION",
            "security": "WPA2PSK",
            "supported_streams_tx": [
                [
                    "20 MHz",
                    1
                ],
                [
                    "40 MHz",
                    0
                ],
                [
                    "80 MHz",
                    0
                ],
                [

```

```

        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        1
    ],
    [
        "40 MHz",
        0
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 11,
"phymodes": [
    "b",
    "g",
    "n"
],
"channel_utilization": 0,
"anpi": 255,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 11,
        "config_flags": [

        ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WME",
    "STBC",
    "BAND_2GHz"
]
}
},
]

```

```

{
  "uid": "n-121",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "device_name": "SECRET",
  "device_model": "",
  "device_manufacturer": "",
  "device_firmware_version": "",
  "device_mac_address": "00:08:22:GX:GX:GX",
  "is_meshed": false,
  "mesh_role": "unknown",
  "meshd_version": "0.0",
  "device_type": "unknown",
  "ieee1905_1": false,
  "steerable": true,
  "service_manager": {
    "addr_type": "COLLECTION TYPE",
    "addr_category": "MIXED COLLECTION CATEGORY",
    "services": [

    ]
  },
  "node_interfaces": [
    {
      "uid": "ni-120",
      "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
      },
      "name": "",
      "type": "WLAN",
      "mac_address": "00:08:22:GX:GX:GX",
      "blocking_state": "UNKNOWN",
      "node_links": [

      ],
      "ssid": "SECRET",
      "opmode": "STATION",
      "security": "WPA2PSK",
      "supported_streams_tx": [
        [
          "20 MHz",
          1
        ],
        [
          "40 MHz",
          0
        ],
        [
          "80 MHz",
          0
        ],
        [
          "160 MHz",
          0
        ],
        [
          "80+80 MHz",

```

```

        0
    ],
    "supported_streams_rx": [
        [
            "20 MHz",
            1
        ],
        [
            "40 MHz",
            0
        ],
        [
            "80 MHz",
            0
        ],
        [
            "160 MHz",
            0
        ],
        [
            "80+80 MHz",
            0
        ]
    ],
    "current_channel": 6,
    "phymodes": [
        "b",
        "g",
        "n"
    ],
    "channel_utilization": 0,
    "anpi": 255,
    "steering_enabled": true,
    "11k_friendly": false,
    "11v_friendly": false,
    "legacy_friendly": true,
    "rrm_compliant": false,
    "channel_list": [
        {
            "channel": 6,
            "config_flags": [
            ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WME",
        "STBC",
        "BAND_2GHz"
    ]
}
],
},
{
    "uid": "n-125",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    }
}

```

```

},
"device_name": "SECRET",
"device_model": "",
"device_manufacturer": "",
"device_firmware_version": "",
"device_mac_address": "00:08:22:gX:gX:gX",
"is_meshed": false,
"mesh_role": "unknown",
"meshd_version": "0.0",
"device_type": "unknown",
"ieee1905_1": false,
"steerable": true,
"service_manager": {
  "addr_type": "COLLECTION TYPE",
  "addr_category": "MIXED COLLECTION CATEGORY",
  "services": [

  ]
},
"node_interfaces": [
  {
    "uid": "ni-124",
    "source": {
      "type": "LOCAL TYPE",
      "value": "WLAN SERVICE"
    },
    "name": "",
    "type": "WLAN",
    "mac_address": "00:08:22:gX:gX:gX",
    "blocking_state": "UNKNOWN",
    "node_links": [

    ],
    "ssid": "SECRET",
    "opmode": "STATION",
    "security": "WPA2PSK",
    "supported_streams_tx": [
      [
        "20 MHz",
        1
      ],
      [
        "40 MHz",
        0
      ],
      [
        "80 MHz",
        0
      ],
      [
        "160 MHz",
        0
      ],
      [
        "80+80 MHz",
        0
      ]
    ],
    "supported_streams_rx": [

```

```

        "20 MHz",
        1
    ],
    [
        "40 MHz",
        0
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 6,
"phymodes": [
    "b",
    "g",
    "n"
],
"channel_utilization": 0,
"anpi": 255,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 1,
        "config_flags": [
        ]
    },
    {
        "channel": 6,
        "config_flags": [
        ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WME",
    "STBC",
    "BAND_2GHz"
]
}
]
},
{
    "uid": "n-97",
    "source": {
        "type": "LOCAL TYPE",

```



```

"node_service": "PLC SERVICE",
{
  "schema_version": "1.9",
  "nodes": [
    {
      "uid": "n-147",
      "source": {
        "type": "LOCAL TYPE",
        "value": "PLC SERVICE"
      },
      "device_name": "SECRET",
      "device_model": "",
      "device_manufacturer": "",
      "device_firmware_version": "",
      "device_mac_address": "2C:91:AB:HX:HX:HX",
      "is_meshed": true,
      "mesh_role": "master",
      "meshd_version": "0.0",
      "device_type": "unknown",
      "ieee1905_1": false,
      "steerable": true,
      "service_manager": {
        "addr_type": "COLLECTION TYPE",
        "addr_category": "MIXED COLLECTION CATEGORY",
        "services": [
          {
            "addr_type": "COLLECTION TYPE",
            "addr_category": "LOCAL COLLECTION
CATEGORY",
            "services": [
              ]
            }
          ]
        },
      "node_interfaces": [
        {
          "uid": "ni-146",
          "source": {
            "type": "LOCAL TYPE",
            "value": "PLC SERVICE"
          },
          "name": "LANBridge",
          "type": "LAN",
          "mac_address": "2C:91:AB:HX:HX:HX",
          "blocking_state": "UNKNOWN",
          "node_links": [
            ]
          }
        ]
      }
    ]
  }
}
"node_service": "WLAN SERVICE",
{
  "schema_version": "1.9",
  "nodes": [
    {
      "uid": "n-145",

```

```

"source": {
  "type": "LOCAL TYPE",
  "value": "WLAN SERVICE"
},
"device_name": "SECRET",
"device_model": "",
"device_manufacturer": "",
"device_firmware_version": "",
"device_mac_address": "2C:91:AB:HX:HX:HX",
"is_meshed": true,
"mesh_role": "master",
"meshd_version": "0.0",
"device_type": "unknown",
"ieee1905_1": false,
"steerable": true,
"service_manager": {
  "addr_type": "COLLECTION TYPE",
  "addr_category": "MIXED COLLECTION CATEGORY",
  "services": [
    {
      "addr_type": "COLLECTION TYPE",
      "addr_category": "LOCAL COLLECTION
CATEGORY",
      "services": [
        ]
      ]
    }
  ]
},
"node_interfaces": [
  {
    "uid": "ni-144",
    "source": {
      "type": "LOCAL TYPE",
      "value": "WLAN SERVICE"
    },
    "name": "AP:5G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:hX:hX:hX",
    "blocking_state": "UNKNOWN",
    "node_links": [
      {
        "uid": "nl-140",
        "source": {
          "type": "LOCAL TYPE",
          "value": "WLAN SERVICE"
        },
        "type": "WLAN",
        "state": "CONNECTED",
        "last_connected": 1638179006,
        "node_1_uid": "n-145",
        "node_2_uid": "n-142",
        "node_interface_1_uid": "ni-144",
        "node_interface_2_uid": "ni-141",
        "max_data_rate_rx": 433300,
        "max_data_rate_tx": 433300,
        "cur_data_rate_rx": 433000,
        "cur_data_rate_tx": 433000,
        "cur_availability_rx": 255,
        "cur_availability_tx": 255,
      }
    ]
  }
]

```

```
        "rx_rsni": 37,
        "tx_rsni": 255,
        "rx_rcpi": -52,
        "tx_rcpi": 255,
        "capabilities": [
            "WME",
            "STBC",
            "LDPC",
            "WME_PS",
            "MU-MIMO",
            "BAND_2GHz",
            "BAND_5GHz",
            "RRM",
            "BTM"
        ],
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ]
],
```

```
[
    "80+80 MHz",
    0
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": 255,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 36,
        "config_flags": [

        ]
    },
    {
        "channel": 40,
        "config_flags": [

        ]
    },
    {
        "channel": 44,
        "config_flags": [

        ]
    },
    {
        "channel": 48,
        "config_flags": [

        ]
    },
    {
        "channel": 52,
        "config_flags": [

        ]
    },
    {
        "channel": 56,
        "config_flags": [

        ]
    },
    {
        "channel": 60,
        "config_flags": [

        ]
    }
]
```

```
},
{
  "channel": 64,
  "config_flags": [

  ]
},
{
  "channel": 100,
  "config_flags": [

  ]
},
{
  "channel": 104,
  "config_flags": [

  ]
},
{
  "channel": 108,
  "config_flags": [

  ]
},
{
  "channel": 112,
  "config_flags": [

  ]
},
{
  "channel": 116,
  "config_flags": [

  ]
},
{
  "channel": 120,
  "config_flags": [

  ]
},
{
  "channel": 124,
  "config_flags": [

  ]
},
{
  "channel": 128,
  "config_flags": [

  ]
},
{
  "channel": 132,
  "config_flags": [

  ]
}
```

```

        },
        {
            "channel": 136,
            "config_flags": [

            ]
        },
        {
            "channel": 140,
            "config_flags": [

            ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_5GHz"
    ]
},
{
    "uid": "ni-143",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:2G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:IX:IX:IX",
    "blocking_state": "UNKNOWN",
    "node_links": [

    ],
    "ssid": "SECRET",
    "opmode": "AP",
    "security": "WPA2PSK",
    "supported_streams_tx": [
        [
            "20 MHz",
            4
        ],
        [
            "40 MHz",
            0
        ],
        [
            "80 MHz",
            0
        ],
        [
            "160 MHz",
            0
        ],
        [
            "80+80 MHz",

```

```

        0
    ],
    "supported_streams_rx": [
        [
            "20 MHz",
            4
        ],
        [
            "40 MHz",
            0
        ],
        [
            "80 MHz",
            0
        ],
        [
            "160 MHz",
            0
        ],
        [
            "80+80 MHz",
            0
        ]
    ],
    "current_channel": 6,
    "phymodes": [
        "g",
        "n"
    ],
    "channel_utilization": 0,
    "anpi": 255,
    "steering_enabled": true,
    "11k_friendly": false,
    "11v_friendly": false,
    "legacy_friendly": true,
    "rrm_compliant": false,
    "channel_list": [
        {
            "channel": 1,
            "config_flags": [
            ]
        },
        {
            "channel": 2,
            "config_flags": [
            ]
        },
        {
            "channel": 3,
            "config_flags": [
            ]
        },
        {
            "channel": 4,
            "config_flags": [
            ]
        }
    ]

```

```
    ],
    {
      "channel": 5,
      "config_flags": [
      ]
    },
    {
      "channel": 6,
      "config_flags": [
      ]
    },
    {
      "channel": 7,
      "config_flags": [
      ]
    },
    {
      "channel": 8,
      "config_flags": [
      ]
    },
    {
      "channel": 9,
      "config_flags": [
      ]
    },
    {
      "channel": 10,
      "config_flags": [
      ]
    },
    {
      "channel": 11,
      "config_flags": [
      ]
    },
    {
      "channel": 12,
      "config_flags": [
      ]
    },
    {
      "channel": 13,
      "config_flags": [
      ]
    }
  ],
  "state": "ON_AIR",
  "capabilities": [
    "WPA2_PSK",
```



```

        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_2GHz"
    ]
}
],
},
{
    "uid": "n-142",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "device_name": "SECRET",
    "device_model": "",
    "device_manufacturer": "",
    "device_firmware_version": "",
    "device_mac_address": "18:87:40:ZX:ZX:ZX",
    "is_meshed": false,
    "mesh_role": "unknown",
    "meshd_version": "0.0",
    "device_type": "unknown",
    "ieee1905_1": false,
    "steerable": true,
    "service_manager": {
        "addr_type": "COLLECTION TYPE",
        "addr_category": "MIXED COLLECTION CATEGORY",
        "services": [

        ]
    },
    "node_interfaces": [
        {
            "uid": "ni-141",
            "source": {
                "type": "LOCAL TYPE",
                "value": "WLAN SERVICE"
            },
            "name": "",
            "type": "WLAN",
            "mac_address": "18:87:40:ZX:ZX:ZX",
            "blocking_state": "UNKNOWN",
            "node_links": [
                {
                    "uid": "nl-140",
                    "source": {
                        "type": "LOCAL TYPE",
                        "value": "WLAN SERVICE"
                    },
                    "type": "WLAN",
                    "state": "CONNECTED",
                    "last_connected": 1638179006,
                    "node_1_uid": "n-145",
                    "node_2_uid": "n-142",
                    "node_interface_1_uid": "ni-144",
                    "node_interface_2_uid": "ni-141",
                    "max_data_rate_rx": 433300,

```

```
        "max_data_rate_tx": 433300,
        "cur_data_rate_rx": 433000,
        "cur_data_rate_tx": 433000,
        "cur_availability_rx": 255,
        "cur_availability_tx": 255,
        "rx_rsni": 37,
        "tx_rsni": 255,
        "rx_rcpi": -52,
        "tx_rcpi": 255,
        "capabilities": [
            "WME",
            "STBC",
            "LDPC",
            "WME_PS",
            "MU-MIMO",
            "BAND_2GHz",
            "BAND_5GHz",
            "RRM",
            "BTM"
        ],
        "idle": false
    },
    ],
    "ssid": "SECRET",
    "opmode": "STATION",
    "security": "WPA2PSK",
    "supported_streams_tx": [
        [
            "20 MHz",
            1
        ],
        [
            "40 MHz",
            1
        ],
        [
            "80 MHz",
            1
        ],
        [
            "160 MHz",
            0
        ],
        [
            "80+80 MHz",
            0
        ]
    ],
    "supported_streams_rx": [
        [
            "20 MHz",
            1
        ],
        [
            "40 MHz",
            1
        ],
        [
            "80 MHz",
            1
        ]
    ]
}
```



```

"device_manufacturer": "",
"device_firmware_version": "",
"device_mac_address": "2C:91:AB:HX:HX:HX",
"is_meshed": true,
"mesh_role": "master",
"meshd_version": "0.0",
"device_type": "unknown",
"ieee1905_1": false,
"steerable": true,
"service_manager": {
  "addr_type": "COLLECTION TYPE",
  "addr_category": "MIXED COLLECTION CATEGORY",
  "services": [
    {
      "addr_type": "COLLECTION TYPE",
      "addr_category": "LOCAL COLLECTION
CATEGORY",
      "services": [
        ]
      ]
    }
  ]
},
"node_interfaces": [
  {
    "uid": "ni-155",
    "source": {
      "type": "LOCAL TYPE",
      "value": "LAN SERVICE"
    },
    "name": "LAN:1",
    "type": "LAN",
    "mac_address": "2C:91:AB:HX:HX:HX",
    "blocking_state": "UNKNOWN",
    "node_links": [
      ]
    },
    {
      "uid": "ni-154",
      "source": {
        "type": "LOCAL TYPE",
        "value": "LAN SERVICE"
      },
      "name": "LAN:2",
      "type": "LAN",
      "mac_address": "2C:91:AB:HX:HX:HX",
      "blocking_state": "UNKNOWN",
      "node_links": [
        ]
      },
      {
        "uid": "ni-153",
        "source": {
          "type": "LOCAL TYPE",
          "value": "LAN SERVICE"
        },
        "name": "LAN:3",
        "type": "LAN",

```

```

"mac_address": "2C:91:AB:HX:HX:HX",
"blocking_state": "UNKNOWN",
"node_links": [
  {
    "uid": "nl-148",
    "source": {
      "type": "LOCAL TYPE",
      "value": "LAN SERVICE"
    },
    "type": "LAN",
    "state": "CONNECTED",
    "last_connected": 1638179006,
    "node_1_uid": "n-156",
    "node_2_uid": "n-150",
    "node_interface_1_uid": "ni-153",
    "node_interface_2_uid": "ni-149",
    "max_data_rate_rx": 1000000,
    "max_data_rate_tx": 1000000,
    "cur_data_rate_rx": 0,
    "cur_data_rate_tx": 0,
    "cur_availability_rx": 255,
    "cur_availability_tx": 255
  }
],
},
{
  "uid": "ni-152",
  "source": {
    "type": "LOCAL TYPE",
    "value": "LAN SERVICE"
  },
  "name": "LAN:4",
  "type": "LAN",
  "mac_address": "2C:91:AB:HX:HX:HX",
  "blocking_state": "UNKNOWN",
  "node_links": [
  ]
},
{
  "uid": "ni-151",
  "source": {
    "type": "LOCAL TYPE",
    "value": "LAN SERVICE"
  },
  "name": "LANBridge",
  "type": "LAN",
  "mac_address": "2C:91:AB:HX:HX:HX",
  "blocking_state": "UNKNOWN",
  "node_links": [
  ]
}
],
},
{
  "uid": "n-150",
  "source": {
    "type": "LOCAL TYPE",
    "value": "LAN SERVICE"
  }
}

```



```

"uid": "nl-108",
"source": {
  "type": "LOCAL TYPE",
  "value": "WLAN SERVICE"
},
"type": "WLAN",
"state": "CONNECTED",
"last_connected": 1638975793,
"node_1_uid": "n-1",
"node_2_uid": "n-49",
"node_interface_1_uid": "ni-98",
"node_interface_2_uid": "ni-50",
"max_data_rate_rx": 433300,
"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsni": 37,
"tx_rsni": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
  "WME",
  "STBC",
  "LDPC",
  "WME_PS",
  "MU-MIMO",
  "BAND_2GHz",
  "BAND_5GHz",
  "RRM",
  "BTM"
],
"idle": false
}
[Wed Dec 8 21:17:54 2021]: "WLAN SERVICE" change node interface: {
"uid": "ni-98",
"source": {
  "type": "LOCAL TYPE",
  "value": "WLAN SERVICE"
},
"name": "AP:5G:0",
"type": "WLAN",
"mac_address": "2C:91:AB:hX:hX:hX",
"blocking_state": "UNKNOWN",
"node_links": [
  {
    "uid": "nl-108",
    "source": {
      "type": "LOCAL TYPE",
      "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,

```

```

        "max_data_rate_tx": 433300,
        "cur_data_rate_rx": 433000,
        "cur_data_rate_tx": 433000,
        "cur_availability_rx": 100,
        "cur_availability_tx": 100,
        "rx_rsnr": 37,
        "tx_rsnr": 0,
        "rx_rcpi": -52,
        "tx_rcpi": -44,
        "capabilities": [
            "WME",
            "STBC",
            "LDPC",
            "WME_PS",
            "MU-MIMO",
            "BAND_2GHz",
            "BAND_5GHz",
            "RRM",
            "BTM"
        ],
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ]
]

```



```
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 36,
        "config_flags": [

        ]
    },
    {
        "channel": 40,
        "config_flags": [

        ]
    },
    {
        "channel": 44,
        "config_flags": [

        ]
    },
    {
        "channel": 48,
        "config_flags": [

        ]
    },
    {
        "channel": 52,
        "config_flags": [

        ]
    },
    {
        "channel": 56,
        "config_flags": [

        ]
    },
    ],

```

```
{
  "channel": 60,
  "config_flags": [

  ],
},
{
  "channel": 64,
  "config_flags": [

  ],
},
{
  "channel": 100,
  "config_flags": [

  ],
},
{
  "channel": 104,
  "config_flags": [

  ],
},
{
  "channel": 108,
  "config_flags": [

  ],
},
{
  "channel": 112,
  "config_flags": [

  ],
},
{
  "channel": 116,
  "config_flags": [

  ],
},
{
  "channel": 120,
  "config_flags": [

  ],
},
{
  "channel": 124,
  "config_flags": [

  ],
},
{
  "channel": 128,
  "config_flags": [

  ],
},
},
```

```

        {
            "channel": 132,
            "config_flags": [

            ]
        },
        {
            "channel": 136,
            "config_flags": [

            ]
        },
        {
            "channel": 140,
            "config_flags": [

            ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_5GHz"
    ]
}
[Wed Dec 8 21:17:54 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
    ]
}

```

```

        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:17:59 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-92",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:2G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:IX:IX:IX",
    "blocking_state": "UNKNOWN",
    "node_links": [
        {
            "uid": "nl-112",
            "source": {
                "type": "LOCAL TYPE",
                "value": "STEERING"
            },
            "type": "WLAN",
            "state": "DISCONNECTED",
            "last_connected": 1638179006,
            "node_1_uid": "n-1",
            "node_2_uid": "n-49",
            "node_interface_1_uid": "ni-92",
            "node_interface_2_uid": "ni-50",
            "max_data_rate_rx": 0,
            "max_data_rate_tx": 0,
            "cur_data_rate_rx": 0,
            "cur_data_rate_tx": 0,
            "cur_availability_rx": 95,
            "cur_availability_tx": 95,
            "rx_rsnr": 50,
            "tx_rsnr": 0,
            "rx_rcpi": -39,
            "tx_rcpi": -49,
            "capabilities": [
                ],
            "idle": false
        }
    ],
    "ssid": "SECRET",
    "opmode": "AP",
    "security": "WPA2PSK",
    "supported_streams_tx": [
        [
            "20 MHz",
            4
        ],
        [
            "40 MHz",
            4
        ],
        [
            "80 MHz",

```

```

        ],
        [
            "160 MHz",
            0
        ],
        [
            "80+80 MHz",
            0
        ]
    ],
    "supported_streams_rx": [
        [
            "20 MHz",
            4
        ],
        [
            "40 MHz",
            4
        ],
        [
            "80 MHz",
            0
        ],
        [
            "160 MHz",
            0
        ],
        [
            "80+80 MHz",
            0
        ]
    ],
    "current_channel": 6,
    "phymodes": [
        "g",
        "n"
    ],
    "channel_utilization": 5,
    "anpi": -103,
    "steering_enabled": true,
    "11k_friendly": false,
    "11v_friendly": false,
    "legacy_friendly": true,
    "rrm_compliant": false,
    "channel_list": [
        {
            "channel": 1,
            "config_flags": [
            ]
        },
        {
            "channel": 2,
            "config_flags": [
            ]
        },
        {
            "channel": 3,

```

```
        "config_flags": [
    ]
},
{
    "channel": 4,
    "config_flags": [
    ]
},
{
    "channel": 5,
    "config_flags": [
    ]
},
{
    "channel": 6,
    "config_flags": [
    ]
},
{
    "channel": 7,
    "config_flags": [
    ]
},
{
    "channel": 8,
    "config_flags": [
    ]
},
{
    "channel": 9,
    "config_flags": [
    ]
},
{
    "channel": 10,
    "config_flags": [
    ]
},
{
    "channel": 11,
    "config_flags": [
    ]
},
{
    "channel": 12,
    "config_flags": [
    ]
},
{
    "channel": 13,
```

```

        "config_flags": [
            ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_2GHz"
    ]
}
[Wed Dec  8 21:18:06 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-98",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:5G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:hX:hX:hX",
    "blocking_state": "UNKNOWN",
    "node_links": [
        {
            "uid": "nl-108",
            "source": {
                "type": "LOCAL TYPE",
                "value": "WLAN SERVICE"
            },
            "type": "WLAN",
            "state": "CONNECTED",
            "last_connected": 1638975793,
            "node_1_uid": "n-1",
            "node_2_uid": "n-49",
            "node_interface_1_uid": "ni-98",
            "node_interface_2_uid": "ni-50",
            "max_data_rate_rx": 433300,
            "max_data_rate_tx": 433300,
            "cur_data_rate_rx": 433000,
            "cur_data_rate_tx": 433000,
            "cur_availability_rx": 100,
            "cur_availability_tx": 100,
            "rx_rsnr": 37,
            "tx_rsnr": 0,
            "rx_rcpi": -52,
            "tx_rcpi": -44,
            "capabilities": [
                "WME",
                "STBC",
                "LDPC",
                "WME_PS",
                "MU-MIMO",
                "BAND_2GHz",
                "BAND_5GHz",
                "RRM",
                "BTM"
            ]
        }
    ]
}

```

```
        ],
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
```



```
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 36,
    "config_flags": [

    ]
  },
  {
    "channel": 40,
    "config_flags": [

    ]
  },
  {
    "channel": 44,
    "config_flags": [

    ]
  },
  {
    "channel": 48,
    "config_flags": [

    ]
  },
  {
    "channel": 52,
    "config_flags": [

    ]
  },
  {
    "channel": 56,
    "config_flags": [

    ]
  },
  {
    "channel": 60,
    "config_flags": [

    ]
  },
  {
    "channel": 64,
    "config_flags": [

    ]
  },
  {
    "channel": 100,
    "config_flags": [

    ]
  },
  {
```

```
        "channel": 104,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 108,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 112,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 116,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 120,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 124,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 128,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 132,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 136,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 140,  
        "config_flags": [  
            ]  
    }  
],
```

```

    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_5GHz"
    ]
}
[Wed Dec 8 21:18:06 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsni": 37,
    "tx_rsni": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:18:12 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-98",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:5G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:hX:hX:hX",
    "blocking_state": "UNKNOWN",
    "node_links": [
        {
            "uid": "nl-108",

```

```

        "source": {
            "type": "LOCAL TYPE",
            "value": "WLAN SERVICE"
        },
        "type": "WLAN",
        "state": "CONNECTED",
        "last_connected": 1638975793,
        "node_1_uid": "n-1",
        "node_2_uid": "n-49",
        "node_interface_1_uid": "ni-98",
        "node_interface_2_uid": "ni-50",
        "max_data_rate_rx": 433300,
        "max_data_rate_tx": 433300,
        "cur_data_rate_rx": 433000,
        "cur_data_rate_tx": 433000,
        "cur_availability_rx": 100,
        "cur_availability_tx": 100,
        "rx_rsnr": 37,
        "tx_rsnr": 0,
        "rx_rcpi": -52,
        "tx_rcpi": -44,
        "capabilities": [
            "WME",
            "STBC",
            "LDPC",
            "WME_PS",
            "MU-MIMO",
            "BAND_2GHz",
            "BAND_5GHz",
            "RRM",
            "BTM"
        ],
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
],

```

```
"supported_streams_rx": [
  [
    "20 MHz",
    4
  ],
  [
    "40 MHz",
    4
  ],
  [
    "80 MHz",
    4
  ],
  [
    "160 MHz",
    4
  ],
  [
    "80+80 MHz",
    0
  ]
],
"current_channel": 44,
"phymodes": [
  "a",
  "n",
  "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 36,
    "config_flags": [

    ]
  },
  {
    "channel": 40,
    "config_flags": [

    ]
  },
  {
    "channel": 44,
    "config_flags": [

    ]
  },
  {
    "channel": 48,
    "config_flags": [

    ]
  },
]
```

```
{
  "channel": 52,
  "config_flags": [

  ],
},
{
  "channel": 56,
  "config_flags": [

  ],
},
{
  "channel": 60,
  "config_flags": [

  ],
},
{
  "channel": 64,
  "config_flags": [

  ],
},
{
  "channel": 100,
  "config_flags": [

  ],
},
{
  "channel": 104,
  "config_flags": [

  ],
},
{
  "channel": 108,
  "config_flags": [

  ],
},
{
  "channel": 112,
  "config_flags": [

  ],
},
{
  "channel": 116,
  "config_flags": [

  ],
},
{
  "channel": 120,
  "config_flags": [

  ],
},
},
```

```

        {
            "channel": 124,
            "config_flags": [

            ]
        },
        {
            "channel": 128,
            "config_flags": [

            ]
        },
        {
            "channel": 132,
            "config_flags": [

            ]
        },
        {
            "channel": 136,
            "config_flags": [

            ]
        },
        {
            "channel": 140,
            "config_flags": [

            ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_5GHz"
    ]
}
[Wed Dec 8 21:18:12 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,

```

```

"cur_availability_tx": 100,
"rx_rsni": 37,
"tx_rsni": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:18:22 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-98",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:5G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:hX:hX:hX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-108",
      "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
      },
      "type": "WLAN",
      "state": "CONNECTED",
      "last_connected": 1638975793,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-98",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 433300,
      "max_data_rate_tx": 433300,
      "cur_data_rate_rx": 433000,
      "cur_data_rate_tx": 433000,
      "cur_availability_rx": 100,
      "cur_availability_tx": 100,
      "rx_rsni": 37,
      "tx_rsni": 0,
      "rx_rcpi": -52,
      "tx_rcpi": -44,
      "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",

```



```
        "RRM",
        "BTM"
    ],
    "idle": false
}
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
```

```
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 36,
    "config_flags": [

    ]
  },
  {
    "channel": 40,
    "config_flags": [

    ]
  },
  {
    "channel": 44,
    "config_flags": [

    ]
  },
  {
    "channel": 48,
    "config_flags": [

    ]
  },
  {
    "channel": 52,
    "config_flags": [

    ]
  },
  {
    "channel": 56,
    "config_flags": [

    ]
  },
  {
    "channel": 60,
    "config_flags": [

    ]
  },
  {
    "channel": 64,
    "config_flags": [

    ]
  },
  {
    "channel": 100,
    "config_flags": [

    ]
  }
]
```

```
},
{
  "channel": 104,
  "config_flags": [

  ]
},
{
  "channel": 108,
  "config_flags": [

  ]
},
{
  "channel": 112,
  "config_flags": [

  ]
},
{
  "channel": 116,
  "config_flags": [

  ]
},
{
  "channel": 120,
  "config_flags": [

  ]
},
{
  "channel": 124,
  "config_flags": [

  ]
},
{
  "channel": 128,
  "config_flags": [

  ]
},
{
  "channel": 132,
  "config_flags": [

  ]
},
{
  "channel": 136,
  "config_flags": [

  ]
},
{
  "channel": 140,
  "config_flags": [

  ]
}
```

```

    }
  ],
  "state": "ON_AIR",
  "capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_5GHz"
  ]
}
[Wed Dec 8 21:18:44 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-98",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:5G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:hX:hX:hX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-108",
      "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
      },
      "type": "WLAN",
      "state": "CONNECTED",
      "last_connected": 1638975793,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-98",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 433300,
      "max_data_rate_tx": 433300,
      "cur_data_rate_rx": 433000,
      "cur_data_rate_tx": 433000,
      "cur_availability_rx": 100,
      "cur_availability_tx": 100,
      "rx_rsnr": 37,
      "tx_rsnr": 0,
      "rx_rcpi": -52,
      "tx_rcpi": -44,
      "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
      ],
      "idle": false
    }
  ]
}

```

```
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
  [
    "20 MHz",
    4
  ],
  [
    "40 MHz",
    4
  ],
  [
    "80 MHz",
    4
  ],
  [
    "160 MHz",
    4
  ],
  [
    "80+80 MHz",
    0
  ]
],
"supported_streams_rx": [
  [
    "20 MHz",
    4
  ],
  [
    "40 MHz",
    4
  ],
  [
    "80 MHz",
    4
  ],
  [
    "160 MHz",
    4
  ],
  [
    "80+80 MHz",
    0
  ]
],
"current_channel": 44,
"phymodes": [
  "a",
  "n",
  "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
```

```
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 36,
    "config_flags": [

    ]
  },
  {
    "channel": 40,
    "config_flags": [

    ]
  },
  {
    "channel": 44,
    "config_flags": [

    ]
  },
  {
    "channel": 48,
    "config_flags": [

    ]
  },
  {
    "channel": 52,
    "config_flags": [

    ]
  },
  {
    "channel": 56,
    "config_flags": [

    ]
  },
  {
    "channel": 60,
    "config_flags": [

    ]
  },
  {
    "channel": 64,
    "config_flags": [

    ]
  },
  {
    "channel": 100,
    "config_flags": [

    ]
  },
  {
    "channel": 104,
    "config_flags": [
```

```
    ],
    {
      "channel": 108,
      "config_flags": [
        ]
    },
    {
      "channel": 112,
      "config_flags": [
        ]
    },
    {
      "channel": 116,
      "config_flags": [
        ]
    },
    {
      "channel": 120,
      "config_flags": [
        ]
    },
    {
      "channel": 124,
      "config_flags": [
        ]
    },
    {
      "channel": 128,
      "config_flags": [
        ]
    },
    {
      "channel": 132,
      "config_flags": [
        ]
    },
    {
      "channel": 136,
      "config_flags": [
        ]
    },
    {
      "channel": 140,
      "config_flags": [
        ]
    }
  ],
  "state": "ON_AIR",
  "capabilities": [
    "WPA2_PSK",
```

```

        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_5GHz"
    ]
}
[Wed Dec 8 21:18:44 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsni": 37,
    "tx_rsni": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:18:45 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-98",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:5G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:hX:hX:hX",
    "blocking_state": "UNKNOWN",
    "node_links": [
        {
            "uid": "nl-108",
            "source": {
                "type": "LOCAL TYPE",
                "value": "WLAN SERVICE"
            }
        }
    ]
}

```



```

    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",

```

```

        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 36,
        "config_flags": [

        ]
    },
    {
        "channel": 40,
        "config_flags": [

        ]
    },
    {
        "channel": 44,
        "config_flags": [

        ]
    },
    {
        "channel": 48,
        "config_flags": [

        ]
    },
    {
        "channel": 52,
        "config_flags": [

```

```
    ]
  },
  {
    "channel": 56,
    "config_flags": [

    ]
  },
  {
    "channel": 60,
    "config_flags": [

    ]
  },
  {
    "channel": 64,
    "config_flags": [

    ]
  },
  {
    "channel": 100,
    "config_flags": [

    ]
  },
  {
    "channel": 104,
    "config_flags": [

    ]
  },
  {
    "channel": 108,
    "config_flags": [

    ]
  },
  {
    "channel": 112,
    "config_flags": [

    ]
  },
  {
    "channel": 116,
    "config_flags": [

    ]
  },
  {
    "channel": 120,
    "config_flags": [

    ]
  },
  {
    "channel": 124,
    "config_flags": [
```

```

        ],
        {
            "channel": 128,
            "config_flags": [

            ]
        },
        {
            "channel": 132,
            "config_flags": [

            ]
        },
        {
            "channel": 136,
            "config_flags": [

            ]
        },
        {
            "channel": 140,
            "config_flags": [

            ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_5GHz"
    ]
}
[Wed Dec 8 21:18:45 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsni": 37,
    "tx_rsni": 0,

```

```

"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:18:47 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-98",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:5G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:hX:hX:hX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-108",
      "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
      },
      "type": "WLAN",
      "state": "CONNECTED",
      "last_connected": 1638975793,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-98",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 433300,
      "max_data_rate_tx": 433300,
      "cur_data_rate_rx": 433000,
      "cur_data_rate_tx": 433000,
      "cur_availability_rx": 100,
      "cur_availability_tx": 100,
      "rx_rssi": 37,
      "tx_rssi": 0,
      "rx_rcpi": -52,
      "tx_rcpi": -44,
      "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
      ],
    },
  ],

```

```
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
```

```
"llv_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 36,
    "config_flags": [

    ]
  },
  {
    "channel": 40,
    "config_flags": [

    ]
  },
  {
    "channel": 44,
    "config_flags": [

    ]
  },
  {
    "channel": 48,
    "config_flags": [

    ]
  },
  {
    "channel": 52,
    "config_flags": [

    ]
  },
  {
    "channel": 56,
    "config_flags": [

    ]
  },
  {
    "channel": 60,
    "config_flags": [

    ]
  },
  {
    "channel": 64,
    "config_flags": [

    ]
  },
  {
    "channel": 100,
    "config_flags": [

    ]
  },
  {
    "channel": 104,
```

```
        "config_flags": [
            ]
    },
    {
        "channel": 108,
        "config_flags": [
            ]
    },
    {
        "channel": 112,
        "config_flags": [
            ]
    },
    {
        "channel": 116,
        "config_flags": [
            ]
    },
    {
        "channel": 120,
        "config_flags": [
            ]
    },
    {
        "channel": 124,
        "config_flags": [
            ]
    },
    {
        "channel": 128,
        "config_flags": [
            ]
    },
    {
        "channel": 132,
        "config_flags": [
            ]
    },
    {
        "channel": 136,
        "config_flags": [
            ]
    },
    {
        "channel": 140,
        "config_flags": [
            ]
    }
],
"state": "ON_AIR",
```



```

    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_5GHz"
    ]
}
[Wed Dec 8 21:18:47 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:18:56 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,

```

```

"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:19:00 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-92",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:2G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:IX:IX:IX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-112",
      "source": {
        "type": "LOCAL TYPE",
        "value": "STEERING"
      },
      "type": "WLAN",
      "state": "DISCONNECTED",
      "last_connected": 1638179006,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-92",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 0,
      "max_data_rate_tx": 0,
      "cur_data_rate_rx": 0,
      "cur_data_rate_tx": 0,
      "cur_availability_rx": 95,
      "cur_availability_tx": 95,
      "rx_rsnr": 50,
      "tx_rsnr": 0,
      "rx_rcpi": -39,
      "tx_rcpi": -49,
      "capabilities": [
    ],
    "idle": false
  ]
}

```

```
    }
  ],
  "ssid": "SECRET",
  "opmode": "AP",
  "security": "WPA2PSK",
  "supported_streams_tx": [
    [
      "20 MHz",
      4
    ],
    [
      "40 MHz",
      4
    ],
    [
      "80 MHz",
      0
    ],
    [
      "160 MHz",
      0
    ],
    [
      "80+80 MHz",
      0
    ]
  ],
  "supported_streams_rx": [
    [
      "20 MHz",
      4
    ],
    [
      "40 MHz",
      4
    ],
    [
      "80 MHz",
      0
    ],
    [
      "160 MHz",
      0
    ],
    [
      "80+80 MHz",
      0
    ]
  ],
  "current_channel": 6,
  "phymodes": [
    "g",
    "n"
  ],
  "channel_utilization": 5,
  "anpi": -103,
  "steering_enabled": true,
  "11k_friendly": false,
  "11v_friendly": false,
  "legacy_friendly": true,
```

```
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 1,
    "config_flags": [

    ]
  },
  {
    "channel": 2,
    "config_flags": [

    ]
  },
  {
    "channel": 3,
    "config_flags": [

    ]
  },
  {
    "channel": 4,
    "config_flags": [

    ]
  },
  {
    "channel": 5,
    "config_flags": [

    ]
  },
  {
    "channel": 6,
    "config_flags": [

    ]
  },
  {
    "channel": 7,
    "config_flags": [

    ]
  },
  {
    "channel": 8,
    "config_flags": [

    ]
  },
  {
    "channel": 9,
    "config_flags": [

    ]
  },
  {
    "channel": 10,
    "config_flags": [
```

```

        ]
    },
    {
        "channel": 11,
        "config_flags": [

        ]
    },
    {
        "channel": 12,
        "config_flags": [

        ]
    },
    {
        "channel": 13,
        "config_flags": [

        ]
    }
},
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_2GHz"
]
}
[Wed Dec 8 21:19:06 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",

```

```
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:19:16 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:19:17 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
```

```

"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:19:24 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-98",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:5G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:hX:hX:hX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-108",
      "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
      },
      "type": "WLAN",
      "state": "CONNECTED",
      "last_connected": 1638975793,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-98",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 433300,
      "max_data_rate_tx": 433300,
      "cur_data_rate_rx": 433000,
      "cur_data_rate_tx": 433000,
      "cur_availability_rx": 100,
      "cur_availability_tx": 100,
      "rx_rsnr": 37,
      "tx_rsnr": 0,
      "rx_rcpi": -52,
      "tx_rcpi": -44,
      "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",

```

```
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
]
```



```
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 36,
    "config_flags": [
      ]
  },
  {
    "channel": 40,
    "config_flags": [
      ]
  },
  {
    "channel": 44,
    "config_flags": [
      ]
  },
  {
    "channel": 48,
    "config_flags": [
      ]
  },
  {
    "channel": 52,
    "config_flags": [
      ]
  },
  {
    "channel": 56,
    "config_flags": [
      ]
  },
  {
    "channel": 60,
    "config_flags": [
      ]
  },
  {
    "channel": 64,
    "config_flags": [
      ]
  },
  {
    "channel": 100,
    "config_flags": [
      ]
  }
]
```

```
    ],
  },
  {
    "channel": 104,
    "config_flags": [

    ]
  },
  {
    "channel": 108,
    "config_flags": [

    ]
  },
  {
    "channel": 112,
    "config_flags": [

    ]
  },
  {
    "channel": 116,
    "config_flags": [

    ]
  },
  {
    "channel": 120,
    "config_flags": [

    ]
  },
  {
    "channel": 124,
    "config_flags": [

    ]
  },
  {
    "channel": 128,
    "config_flags": [

    ]
  },
  {
    "channel": 132,
    "config_flags": [

    ]
  },
  {
    "channel": 136,
    "config_flags": [

    ]
  },
  {
    "channel": 140,
    "config_flags": [
```

```

        ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_5GHz"
]
}
[Wed Dec 8 21:19:39 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:19:43 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,

```

```

"node_1_uid": "n-1",
"node_2_uid": "n-49",
"node_interface_1_uid": "ni-98",
"node_interface_2_uid": "ni-50",
"max_data_rate_rx": 433300,
"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:20:02 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-92",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:2G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:IX:IX:IX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-112",
      "source": {
        "type": "LOCAL TYPE",
        "value": "STEERING"
      },
      "type": "WLAN",
      "state": "DISCONNECTED",
      "last_connected": 1638179006,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-92",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 0,
      "max_data_rate_tx": 0,
      "cur_data_rate_rx": 0,
      "cur_data_rate_tx": 0,
      "cur_availability_rx": 95,
      "cur_availability_tx": 95,
      "rx_rsnr": 50,
      "tx_rsnr": 0,
      "rx_rcpi": -39,

```

```
        "tx_rcpi": -49,
        "capabilities": [
            ],
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 6,
"phymodes": [
    "g",
    "n"
],
"channel_utilization": 5,
```

```
"anpi": -103,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 1,
    "config_flags": [

    ]
  },
  {
    "channel": 2,
    "config_flags": [

    ]
  },
  {
    "channel": 3,
    "config_flags": [

    ]
  },
  {
    "channel": 4,
    "config_flags": [

    ]
  },
  {
    "channel": 5,
    "config_flags": [

    ]
  },
  {
    "channel": 6,
    "config_flags": [

    ]
  },
  {
    "channel": 7,
    "config_flags": [

    ]
  },
  {
    "channel": 8,
    "config_flags": [

    ]
  },
  {
    "channel": 9,
    "config_flags": [

    ]
  }
]
```

```

    },
    {
        "channel": 10,
        "config_flags": [

        ]
    },
    {
        "channel": 11,
        "config_flags": [

        ]
    },
    {
        "channel": 12,
        "config_flags": [

        ]
    },
    {
        "channel": 13,
        "config_flags": [

        ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_2GHz"
]
}
[Wed Dec 8 21:20:09 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,

```

```

    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:20:10 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:20:25 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-98",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:5G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:hX:hX:hX",
    "blocking_state": "UNKNOWN",
    "node_links": [

```



```

    {
      "uid": "nl-108",
      "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
      },
      "type": "WLAN",
      "state": "CONNECTED",
      "last_connected": 1638975793,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-98",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 433300,
      "max_data_rate_tx": 433300,
      "cur_data_rate_rx": 433000,
      "cur_data_rate_tx": 433000,
      "cur_availability_rx": 100,
      "cur_availability_tx": 100,
      "rx_rsnr": 37,
      "tx_rsnr": 0,
      "rx_rcpi": -52,
      "tx_rcpi": -44,
      "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
      ],
      "idle": false
    }
  ],
  "ssid": "SECRET",
  "opmode": "AP",
  "security": "WPA2PSK",
  "supported_streams_tx": [
    [
      "20 MHz",
      4
    ],
    [
      "40 MHz",
      4
    ],
    [
      "80 MHz",
      4
    ],
    [
      "160 MHz",
      4
    ],
    [
      "80+80 MHz",
      0
    ]
  ]

```

```

    ],
    "supported_streams_rx": [
        [
            "20 MHz",
            4
        ],
        [
            "40 MHz",
            4
        ],
        [
            "80 MHz",
            4
        ],
        [
            "160 MHz",
            4
        ],
        [
            "80+80 MHz",
            0
        ]
    ],
    "current_channel": 44,
    "phymodes": [
        "a",
        "n",
        "ac"
    ],
    "channel_utilization": 0,
    "anpi": -100,
    "steering_enabled": true,
    "11k_friendly": false,
    "11v_friendly": false,
    "legacy_friendly": true,
    "rrm_compliant": false,
    "channel_list": [
        {
            "channel": 36,
            "config_flags": [

        ]
        },
        {
            "channel": 40,
            "config_flags": [

        ]
        },
        {
            "channel": 44,
            "config_flags": [

        ]
        },
        {
            "channel": 48,
            "config_flags": [

```

```
    ],
  },
  {
    "channel": 52,
    "config_flags": [

    ]
  },
  {
    "channel": 56,
    "config_flags": [

    ]
  },
  {
    "channel": 60,
    "config_flags": [

    ]
  },
  {
    "channel": 64,
    "config_flags": [

    ]
  },
  {
    "channel": 100,
    "config_flags": [

    ]
  },
  {
    "channel": 104,
    "config_flags": [

    ]
  },
  {
    "channel": 108,
    "config_flags": [

    ]
  },
  {
    "channel": 112,
    "config_flags": [

    ]
  },
  {
    "channel": 116,
    "config_flags": [

    ]
  },
  {
    "channel": 120,
    "config_flags": [
```

```

        ],
        "state": "ON_AIR",
        "capabilities": [
            "WPA2_PSK",
            "WME",
            "PRIVACY",
            "STBC",
            "LDPC",
            "AMPDU",
            "BAND_5GHz"
        ]
    },
    [Wed Dec 8 21:20:38 2021]: "STEERING" change node link: {
        "uid": "nl-108",
        "source": {
            "type": "LOCAL TYPE",
            "value": "WLAN SERVICE"
        },
        "type": "WLAN",
        "state": "CONNECTED",
        "last_connected": 1638975793,
        "node_1_uid": "n-1",
        "node_2_uid": "n-49",
        "node_interface_1_uid": "ni-98",
        "node_interface_2_uid": "ni-50",
        "max_data_rate_rx": 433300,
        "max_data_rate_tx": 433300,
        "cur_data_rate_rx": 433000,

```

```

"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsni": 37,
"tx_rsni": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:20:39 2021]: "STEERING" change node link: {
  "uid": "nl-112",
  "source": {
    "type": "LOCAL TYPE",
    "value": "STEERING"
  },
  "type": "WLAN",
  "state": "DISCONNECTED",
  "last_connected": 1638179006,
  "node_1_uid": "n-1",
  "node_2_uid": "n-49",
  "node_interface_1_uid": "ni-92",
  "node_interface_2_uid": "ni-50",
  "max_data_rate_rx": 0,
  "max_data_rate_tx": 0,
  "cur_data_rate_rx": 0,
  "cur_data_rate_tx": 0,
  "cur_availability_rx": 95,
  "cur_availability_tx": 95,
  "rx_rsni": 50,
  "tx_rsni": 0,
  "rx_rcpi": -39,
  "tx_rcpi": -49,
  "capabilities": [

  ],
  "idle": false
}
[Wed Dec 8 21:20:45 2021]: "WLAN SERVICE" change node link: {
  "uid": "nl-108",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "type": "WLAN",
  "state": "CONNECTED",
  "last_connected": 1638975793,
  "node_1_uid": "n-1",
  "node_2_uid": "n-49",
  "node_interface_1_uid": "ni-98",

```

```
"node_interface_2_uid": "ni-50",
"max_data_rate_rx": 433300,
"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:20:56 2021]: "WLAN SERVICE" change node link: {
  "uid": "nl-108",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "type": "WLAN",
  "state": "CONNECTED",
  "last_connected": 1638975793,
  "node_1_uid": "n-1",
  "node_2_uid": "n-49",
  "node_interface_1_uid": "ni-98",
  "node_interface_2_uid": "ni-50",
  "max_data_rate_rx": 433300,
  "max_data_rate_tx": 433300,
  "cur_data_rate_rx": 433000,
  "cur_data_rate_tx": 433000,
  "cur_availability_rx": 100,
  "cur_availability_tx": 100,
  "rx_rsnr": 37,
  "tx_rsnr": 0,
  "rx_rcpi": -52,
  "tx_rcpi": -44,
  "capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
  ],
  "idle": false
}
```

```

[Wed Dec 8 21:20:59 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-98",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:5G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:hX:hX:hX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-108",
      "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
      },
      "type": "WLAN",
      "state": "CONNECTED",
      "last_connected": 1638975793,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-98",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 433300,
      "max_data_rate_tx": 433300,
      "cur_data_rate_rx": 433000,
      "cur_data_rate_tx": 433000,
      "cur_availability_rx": 100,
      "cur_availability_tx": 100,
      "rx_rsnr": 37,
      "tx_rsnr": 0,
      "rx_rcpi": -52,
      "tx_rcpi": -44,
      "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
      ],
      "idle": false
    }
  ],
  "ssid": "SECRET",
  "opmode": "AP",
  "security": "WPA2PSK",
  "supported_streams_tx": [
    [
      "20 MHz",
      4
    ],
    [
      "40 MHz",
      4
    ]
  ],

```

```

    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 36,
        "config_flags": [

        ]
    },
    {
        "channel": 40,
        "config_flags": [

        ]
    }
]

```



```
},
{
  "channel": 44,
  "config_flags": [

  ]
},
{
  "channel": 48,
  "config_flags": [

  ]
},
{
  "channel": 52,
  "config_flags": [

  ]
},
{
  "channel": 56,
  "config_flags": [

  ]
},
{
  "channel": 60,
  "config_flags": [

  ]
},
{
  "channel": 64,
  "config_flags": [

  ]
},
{
  "channel": 100,
  "config_flags": [

  ]
},
{
  "channel": 104,
  "config_flags": [

  ]
},
{
  "channel": 108,
  "config_flags": [

  ]
},
{
  "channel": 112,
  "config_flags": [

  ]
}
```

```

    },
    {
        "channel": 116,
        "config_flags": [

        ]
    },
    {
        "channel": 120,
        "config_flags": [

        ]
    },
    {
        "channel": 124,
        "config_flags": [

        ]
    },
    {
        "channel": 128,
        "config_flags": [

        ]
    },
    {
        "channel": 132,
        "config_flags": [

        ]
    },
    {
        "channel": 136,
        "config_flags": [

        ]
    },
    {
        "channel": 140,
        "config_flags": [

        ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_5GHz"
]
}
[Wed Dec 8 21:20:59 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    }
}

```

```

    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:21:03 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-92",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:2G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:IX:IX:IX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-112",
      "source": {
        "type": "LOCAL TYPE",
        "value": "STEERING"
      },
      "type": "WLAN",
      "state": "DISCONNECTED",
      "last_connected": 1638179006,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-92",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 0,
      "max_data_rate_tx": 0,
      "cur_data_rate_rx": 0,
      "cur_data_rate_tx": 0,
      "cur_availability_rx": 95,

```

```
        "cur_availability_tx": 95,
        "rx_rsnr": 50,
        "tx_rsnr": 0,
        "rx_rcpi": -39,
        "tx_rcpi": -49,
        "capabilities": [
            ],
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 6,
"phymodes": [
```

```
        "g",
        "n"
    ],
    "channel_utilization": 5,
    "anpi": -103,
    "steering_enabled": true,
    "11k_friendly": false,
    "11v_friendly": false,
    "legacy_friendly": true,
    "rrm_compliant": false,
    "channel_list": [
        {
            "channel": 1,
            "config_flags": [

            ]
        },
        {
            "channel": 2,
            "config_flags": [

            ]
        },
        {
            "channel": 3,
            "config_flags": [

            ]
        },
        {
            "channel": 4,
            "config_flags": [

            ]
        },
        {
            "channel": 5,
            "config_flags": [

            ]
        },
        {
            "channel": 6,
            "config_flags": [

            ]
        },
        {
            "channel": 7,
            "config_flags": [

            ]
        },
        {
            "channel": 8,
            "config_flags": [

            ]
        },
        {
```

```

        "channel": 9,
        "config_flags": [
            ]
    },
    {
        "channel": 10,
        "config_flags": [
            ]
    },
    {
        "channel": 11,
        "config_flags": [
            ]
    },
    {
        "channel": 12,
        "config_flags": [
            ]
    },
    {
        "channel": 13,
        "config_flags": [
            ]
    }
},
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_2GHz"
]
}
[Wed Dec 8 21:21:27 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-98",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:5G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:hX:hX:hX",
    "blocking_state": "UNKNOWN",
    "node_links": [
        {
            "uid": "nl-108",
            "source": {
                "type": "LOCAL TYPE",
                "value": "WLAN SERVICE"
            },
            "type": "WLAN",
            "state": "CONNECTED",

```

```

        "last_connected": 1638975793,
        "node_1_uid": "n-1",
        "node_2_uid": "n-49",
        "node_interface_1_uid": "ni-98",
        "node_interface_2_uid": "ni-50",
        "max_data_rate_rx": 433300,
        "max_data_rate_tx": 433300,
        "cur_data_rate_rx": 433000,
        "cur_data_rate_tx": 433000,
        "cur_availability_rx": 100,
        "cur_availability_tx": 100,
        "rx_rsnr": 37,
        "tx_rsnr": 0,
        "rx_rcpi": -52,
        "tx_rcpi": -44,
        "capabilities": [
            "WME",
            "STBC",
            "LDPC",
            "WME_PS",
            "MU-MIMO",
            "BAND_2GHz",
            "BAND_5GHz",
            "RRM",
            "BTM"
        ],
        "idle": false
    },
    "ssid": "SECRET",
    "opmode": "AP",
    "security": "WPA2PSK",
    "supported_streams_tx": [
        [
            "20 MHz",
            4
        ],
        [
            "40 MHz",
            4
        ],
        [
            "80 MHz",
            4
        ],
        [
            "160 MHz",
            4
        ],
        [
            "80+80 MHz",
            0
        ]
    ],
    "supported_streams_rx": [
        [
            "20 MHz",
            4
        ],
        [

```

```

        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 36,
        "config_flags": [

        ]
    },
    {
        "channel": 40,
        "config_flags": [

        ]
    },
    {
        "channel": 44,
        "config_flags": [

        ]
    },
    {
        "channel": 48,
        "config_flags": [

        ]
    },
    {
        "channel": 52,
        "config_flags": [

        ]
    },

```



```
{
  "channel": 56,
  "config_flags": [
  ]
},
{
  "channel": 60,
  "config_flags": [
  ]
},
{
  "channel": 64,
  "config_flags": [
  ]
},
{
  "channel": 100,
  "config_flags": [
  ]
},
{
  "channel": 104,
  "config_flags": [
  ]
},
{
  "channel": 108,
  "config_flags": [
  ]
},
{
  "channel": 112,
  "config_flags": [
  ]
},
{
  "channel": 116,
  "config_flags": [
  ]
},
{
  "channel": 120,
  "config_flags": [
  ]
},
{
  "channel": 124,
  "config_flags": [
  ]
},
},
```

```

        {
            "channel": 128,
            "config_flags": [

            ]
        },
        {
            "channel": 132,
            "config_flags": [

            ]
        },
        {
            "channel": 136,
            "config_flags": [

            ]
        },
        {
            "channel": 140,
            "config_flags": [

            ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_5GHz"
    ]
}
[Wed Dec 8 21:21:36 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [

```

```

        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:21:42 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsni": 37,
    "tx_rsni": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:21:57 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",

```

```
"node_interface_2_uid": "ni-50",
"max_data_rate_rx": 433300,
"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:22:05 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-92",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:2G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:IX:IX:IX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-112",
      "source": {
        "type": "LOCAL TYPE",
        "value": "STEERING"
      },
      "type": "WLAN",
      "state": "DISCONNECTED",
      "last_connected": 1638179006,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-92",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 0,
      "max_data_rate_tx": 0,
      "cur_data_rate_rx": 0,
      "cur_data_rate_tx": 0,
      "cur_availability_rx": 95,
      "cur_availability_tx": 95,
      "rx_rsnr": 50,
      "tx_rsnr": 0,
      "rx_rcpi": -39,
      "tx_rcpi": -49,
      "capabilities": [
```

```
        ],
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 6,
"phymodes": [
    "g",
    "n"
],
"channel_utilization": 5,
"anpi": -103,
"steering_enabled": true,
"11k_friendly": false,
```

```
"llv_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 1,
    "config_flags": [

    ]
  },
  {
    "channel": 2,
    "config_flags": [

    ]
  },
  {
    "channel": 3,
    "config_flags": [

    ]
  },
  {
    "channel": 4,
    "config_flags": [

    ]
  },
  {
    "channel": 5,
    "config_flags": [

    ]
  },
  {
    "channel": 6,
    "config_flags": [

    ]
  },
  {
    "channel": 7,
    "config_flags": [

    ]
  },
  {
    "channel": 8,
    "config_flags": [

    ]
  },
  {
    "channel": 9,
    "config_flags": [

    ]
  },
  {
    "channel": 10,
```

```

        "config_flags": [
            ]
        },
        {
            "channel": 11,
            "config_flags": [
                ]
        },
        {
            "channel": 12,
            "config_flags": [
                ]
        },
        {
            "channel": 13,
            "config_flags": [
                ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_2GHz"
    ]
}
[Wed Dec 8 21:22:18 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",

```

```

        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:22:27 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsni": 37,
    "tx_rsni": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:22:28 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-98",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:5G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:hX:hX:hX",
    "blocking_state": "UNKNOWN",
    "node_links": [
        {
            "uid": "nl-108",
            "source": {

```



```

        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [

```

```
[
  [
    "20 MHz",
    4
  ],
  [
    "40 MHz",
    4
  ],
  [
    "80 MHz",
    4
  ],
  [
    "160 MHz",
    4
  ],
  [
    "80+80 MHz",
    0
  ]
],
"current_channel": 44,
"phymodes": [
  "a",
  "n",
  "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 36,
    "config_flags": [

    ]
  },
  {
    "channel": 40,
    "config_flags": [

    ]
  },
  {
    "channel": 44,
    "config_flags": [

    ]
  },
  {
    "channel": 48,
    "config_flags": [

    ]
  },
  {
```

```
    "channel": 52,  
    "config_flags": [  
  
    ]  
  },  
  {  
    "channel": 56,  
    "config_flags": [  
  
    ]  
  },  
  {  
    "channel": 60,  
    "config_flags": [  
  
    ]  
  },  
  {  
    "channel": 64,  
    "config_flags": [  
  
    ]  
  },  
  {  
    "channel": 100,  
    "config_flags": [  
  
    ]  
  },  
  {  
    "channel": 104,  
    "config_flags": [  
  
    ]  
  },  
  {  
    "channel": 108,  
    "config_flags": [  
  
    ]  
  },  
  {  
    "channel": 112,  
    "config_flags": [  
  
    ]  
  },  
  {  
    "channel": 116,  
    "config_flags": [  
  
    ]  
  },  
  {  
    "channel": 120,  
    "config_flags": [  
  
    ]  
  },  
  {
```

```

        "channel": 124,
        "config_flags": [
            ]
    },
    {
        "channel": 128,
        "config_flags": [
            ]
    },
    {
        "channel": 132,
        "config_flags": [
            ]
    },
    {
        "channel": 136,
        "config_flags": [
            ]
    },
    {
        "channel": 140,
        "config_flags": [
            ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_5GHz"
]
}
[Wed Dec 8 21:22:32 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,

```

```

    "rx_rsni": 37,
    "tx_rsni": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:22:41 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsni": 37,
    "tx_rsni": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:22:45 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",

```

```

"state": "CONNECTED",
"last_connected": 1638975793,
"node_1_uid": "n-1",
"node_2_uid": "n-49",
"node_interface_1_uid": "ni-98",
"node_interface_2_uid": "ni-50",
"max_data_rate_rx": 433300,
"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:22:45 2021]: "WLAN SERVICE" change node interface: {
"uid": "ni-98",
"source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
},
"name": "AP:5G:0",
"type": "WLAN",
"mac_address": "2C:91:AB:hX:hX:hX",
"blocking_state": "UNKNOWN",
"node_links": [
    {
        "uid": "nl-108",
        "source": {
            "type": "LOCAL TYPE",
            "value": "WLAN SERVICE"
        },
        "type": "WLAN",
        "state": "CONNECTED",
        "last_connected": 1638975793,
        "node_1_uid": "n-1",
        "node_2_uid": "n-49",
        "node_interface_1_uid": "ni-98",
        "node_interface_2_uid": "ni-50",
        "max_data_rate_rx": 433300,
        "max_data_rate_tx": 433300,
        "cur_data_rate_rx": 433000,
        "cur_data_rate_tx": 433000,
        "cur_availability_rx": 100,
        "cur_availability_tx": 100,
        "rx_rsnr": 37,

```

```
        "tx_rsnr": 0,  
        "rx_rcpi": -52,  
        "tx_rcpi": -44,  
        "capabilities": [  
            "WME",  
            "STBC",  
            "LDPC",  
            "WME_PS",  
            "MU-MIMO",  
            "BAND_2GHz",  
            "BAND_5GHz",  
            "RRM",  
            "BTM"  
        ],  
        "idle": false  
    }  
],  
"ssid": "SECRET",  
"opmode": "AP",  
"security": "WPA2PSK",  
"supported_streams_tx": [  
    [  
        "20 MHz",  
        4  
    ],  
    [  
        "40 MHz",  
        4  
    ],  
    [  
        "80 MHz",  
        4  
    ],  
    [  
        "160 MHz",  
        4  
    ],  
    [  
        "80+80 MHz",  
        0  
    ]  
],  
"supported_streams_rx": [  
    [  
        "20 MHz",  
        4  
    ],  
    [  
        "40 MHz",  
        4  
    ],  
    [  
        "80 MHz",  
        4  
    ],  
    [  
        "160 MHz",  
        4  
    ],  
    [  
        ]
```

```
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 36,
        "config_flags": [

        ]
    },
    {
        "channel": 40,
        "config_flags": [

        ]
    },
    {
        "channel": 44,
        "config_flags": [

        ]
    },
    {
        "channel": 48,
        "config_flags": [

        ]
    },
    {
        "channel": 52,
        "config_flags": [

        ]
    },
    {
        "channel": 56,
        "config_flags": [

        ]
    },
    {
        "channel": 60,
        "config_flags": [

        ]
    },
],
```



```
{
  "channel": 64,
  "config_flags": [

  ],
},
{
  "channel": 100,
  "config_flags": [

  ],
},
{
  "channel": 104,
  "config_flags": [

  ],
},
{
  "channel": 108,
  "config_flags": [

  ],
},
{
  "channel": 112,
  "config_flags": [

  ],
},
{
  "channel": 116,
  "config_flags": [

  ],
},
{
  "channel": 120,
  "config_flags": [

  ],
},
{
  "channel": 124,
  "config_flags": [

  ],
},
{
  "channel": 128,
  "config_flags": [

  ],
},
{
  "channel": 132,
  "config_flags": [

  ],
},
},
```

```

        {
            "channel": 136,
            "config_flags": [

            ]
        },
        {
            "channel": 140,
            "config_flags": [

            ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_5GHz"
    ]
}
[Wed Dec 8 21:22:45 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}

```

```

[Wed Dec 8 21:22:55 2021]: "WLAN SERVICE" change node link: {
  "uid": "nl-108",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "type": "WLAN",
  "state": "CONNECTED",
  "last_connected": 1638975793,
  "node_1_uid": "n-1",
  "node_2_uid": "n-49",
  "node_interface_1_uid": "ni-98",
  "node_interface_2_uid": "ni-50",
  "max_data_rate_rx": 433300,
  "max_data_rate_tx": 433300,
  "cur_data_rate_rx": 433000,
  "cur_data_rate_tx": 433000,
  "cur_availability_rx": 100,
  "cur_availability_tx": 100,
  "rx_rsnr": 37,
  "tx_rsnr": 0,
  "rx_rcpi": -52,
  "tx_rcpi": -44,
  "capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
  ],
  "idle": false
}
[Wed Dec 8 21:23:06 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-92",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:2G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:IX:IX:IX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-112",
      "source": {
        "type": "LOCAL TYPE",
        "value": "STEERING"
      },
      "type": "WLAN",
      "state": "DISCONNECTED",
      "last_connected": 1638179006,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-92",
      "node_interface_2_uid": "ni-50",
    }
  ]
}

```

```
        "max_data_rate_rx": 0,
        "max_data_rate_tx": 0,
        "cur_data_rate_rx": 0,
        "cur_data_rate_tx": 0,
        "cur_availability_rx": 95,
        "cur_availability_tx": 95,
        "rx_rsnr": 50,
        "tx_rsnr": 0,
        "rx_rcpi": -39,
        "tx_rcpi": -49,
        "capabilities": [
            ],
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
```

```
0
]
],
"current_channel": 6,
"phymodes": [
    "g",
    "n"
],
"channel_utilization": 5,
"anpi": -103,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 1,
        "config_flags": [

        ]
    },
    {
        "channel": 2,
        "config_flags": [

        ]
    },
    {
        "channel": 3,
        "config_flags": [

        ]
    },
    {
        "channel": 4,
        "config_flags": [

        ]
    },
    {
        "channel": 5,
        "config_flags": [

        ]
    },
    {
        "channel": 6,
        "config_flags": [

        ]
    },
    {
        "channel": 7,
        "config_flags": [

        ]
    },
    {
        "channel": 8,
```

```

        "config_flags": [
            ]
        },
        {
            "channel": 9,
            "config_flags": [
                ]
        },
        {
            "channel": 10,
            "config_flags": [
                ]
        },
        {
            "channel": 11,
            "config_flags": [
                ]
        },
        {
            "channel": 12,
            "config_flags": [
                ]
        },
        {
            "channel": 13,
            "config_flags": [
                ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_2GHz"
    ]
}
[Wed Dec 8 21:23:08 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,

```

```
"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:23:18 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:23:30 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-98",
```

```

"source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
},
"name": "AP:5G:0",
"type": "WLAN",
"mac_address": "2C:91:AB:hX:hX:hX",
"blocking_state": "UNKNOWN",
"node_links": [
    {
        "uid": "nl-108",
        "source": {
            "type": "LOCAL TYPE",
            "value": "WLAN SERVICE"
        },
        "type": "WLAN",
        "state": "CONNECTED",
        "last_connected": 1638975793,
        "node_1_uid": "n-1",
        "node_2_uid": "n-49",
        "node_interface_1_uid": "ni-98",
        "node_interface_2_uid": "ni-50",
        "max_data_rate_rx": 433300,
        "max_data_rate_tx": 433300,
        "cur_data_rate_rx": 433000,
        "cur_data_rate_tx": 433000,
        "cur_availability_rx": 100,
        "cur_availability_tx": 100,
        "rx_rsnr": 37,
        "tx_rsnr": 0,
        "rx_rcpi": -52,
        "tx_rcpi": -44,
        "capabilities": [
            "WME",
            "STBC",
            "LDPC",
            "WME_PS",
            "MU-MIMO",
            "BAND_2GHz",
            "BAND_5GHz",
            "RRM",
            "BTM"
        ],
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",

```



```

        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 36,
        "config_flags": [

        ]
    },
    {
        "channel": 40,
        "config_flags": [

        ]
    },
    {

```

```
        "channel": 44,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 48,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 52,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 56,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 60,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 64,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 100,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 104,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 108,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 112,  
        "config_flags": [  
            ]  
    },  
    {
```

```

        "channel": 116,
        "config_flags": [
            ]
    },
    {
        "channel": 120,
        "config_flags": [
            ]
    },
    {
        "channel": 124,
        "config_flags": [
            ]
    },
    {
        "channel": 128,
        "config_flags": [
            ]
    },
    {
        "channel": 132,
        "config_flags": [
            ]
    },
    {
        "channel": 136,
        "config_flags": [
            ]
    },
    {
        "channel": 140,
        "config_flags": [
            ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_5GHz"
]
}
[Wed Dec 8 21:23:38 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",

```

```
"state": "CONNECTED",
"last_connected": 1638975793,
"node_1_uid": "n-1",
"node_2_uid": "n-49",
"node_interface_1_uid": "ni-98",
"node_interface_2_uid": "ni-50",
"max_data_rate_rx": 433300,
"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:23:48 2021]: "WLAN SERVICE" change node link: {
  "uid": "nl-108",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "type": "WLAN",
  "state": "CONNECTED",
  "last_connected": 1638975793,
  "node_1_uid": "n-1",
  "node_2_uid": "n-49",
  "node_interface_1_uid": "ni-98",
  "node_interface_2_uid": "ni-50",
  "max_data_rate_rx": 433300,
  "max_data_rate_tx": 433300,
  "cur_data_rate_rx": 433000,
  "cur_data_rate_tx": 433000,
  "cur_availability_rx": 100,
  "cur_availability_tx": 100,
  "rx_rsnr": 37,
  "tx_rsnr": 0,
  "rx_rcpi": -52,
  "tx_rcpi": -44,
  "capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
```

```

        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:24:07 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-92",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:2G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:IX:IX:IX",
    "blocking_state": "UNKNOWN",
    "node_links": [
        {
            "uid": "nl-112",
            "source": {
                "type": "LOCAL TYPE",
                "value": "STEERING"
            },
            "type": "WLAN",
            "state": "DISCONNECTED",
            "last_connected": 1638179006,
            "node_1_uid": "n-1",
            "node_2_uid": "n-49",
            "node_interface_1_uid": "ni-92",
            "node_interface_2_uid": "ni-50",
            "max_data_rate_rx": 0,
            "max_data_rate_tx": 0,
            "cur_data_rate_rx": 0,
            "cur_data_rate_tx": 0,
            "cur_availability_rx": 95,
            "cur_availability_tx": 95,
            "rx_rsnr": 50,
            "tx_rsnr": 0,
            "rx_rcpi": -39,
            "tx_rcpi": -49,
            "capabilities": [
                ],
            "idle": false
        }
    ],
    "ssid": "SECRET",
    "opmode": "AP",
    "security": "WPA2PSK",
    "supported_streams_tx": [
        [
            "20 MHz",
            4
        ],
        [
            "40 MHz",
            4
        ],
        [
            "80 MHz",
            0
        ]
    ]
}

```

```

    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 6,
"phymodes": [
    "g",
    "n"
],
"channel_utilization": 5,
"anpi": -103,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 1,
        "config_flags": [

        ]
    },
    {
        "channel": 2,
        "config_flags": [

        ]
    },
    {
        "channel": 3,
        "config_flags": [

```

```
    ]
  },
  {
    "channel": 4,
    "config_flags": [

    ]
  },
  {
    "channel": 5,
    "config_flags": [

    ]
  },
  {
    "channel": 6,
    "config_flags": [

    ]
  },
  {
    "channel": 7,
    "config_flags": [

    ]
  },
  {
    "channel": 8,
    "config_flags": [

    ]
  },
  {
    "channel": 9,
    "config_flags": [

    ]
  },
  {
    "channel": 10,
    "config_flags": [

    ]
  },
  {
    "channel": 11,
    "config_flags": [

    ]
  },
  {
    "channel": 12,
    "config_flags": [

    ]
  },
  {
    "channel": 13,
    "config_flags": [
```

```

        ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_2GHz"
]
}
[Wed Dec 8 21:24:08 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:24:23 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,

```



```

"node_1_uid": "n-1",
"node_2_uid": "n-49",
"node_interface_1_uid": "ni-98",
"node_interface_2_uid": "ni-50",
"max_data_rate_rx": 433300,
"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:24:25 2021]: "WLAN SERVICE" change node link: {
  "uid": "nl-108",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "type": "WLAN",
  "state": "CONNECTED",
  "last_connected": 1638975793,
  "node_1_uid": "n-1",
  "node_2_uid": "n-49",
  "node_interface_1_uid": "ni-98",
  "node_interface_2_uid": "ni-50",
  "max_data_rate_rx": 433300,
  "max_data_rate_tx": 433300,
  "cur_data_rate_rx": 433000,
  "cur_data_rate_tx": 433000,
  "cur_availability_rx": 100,
  "cur_availability_tx": 100,
  "rx_rsnr": 37,
  "tx_rsnr": 0,
  "rx_rcpi": -52,
  "tx_rcpi": -44,
  "capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
  ]
}

```

```

    ],
    "idle": false
}
[Wed Dec 8 21:24:31 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-98",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:5G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:hX:hX:hX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-108",
      "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
      },
      "type": "WLAN",
      "state": "CONNECTED",
      "last_connected": 1638975793,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-98",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 433300,
      "max_data_rate_tx": 433300,
      "cur_data_rate_rx": 433000,
      "cur_data_rate_tx": 433000,
      "cur_availability_rx": 100,
      "cur_availability_tx": 100,
      "rx_rsnr": 37,
      "tx_rsnr": 0,
      "rx_rcpi": -52,
      "tx_rcpi": -44,
      "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
      ],
      "idle": false
    }
  ],
  "ssid": "SECRET",
  "opmode": "AP",
  "security": "WPA2PSK",
  "supported_streams_tx": [
    [
      "20 MHz",
      4
    ]
  ],
  [

```

```

        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 36,
        "config_flags": [
        ]
    },
    {
        "channel": 40,

```

```
        "config_flags": [
    ],
},
{
    "channel": 44,
    "config_flags": [
    ],
},
{
    "channel": 48,
    "config_flags": [
    ],
},
{
    "channel": 52,
    "config_flags": [
    ],
},
{
    "channel": 56,
    "config_flags": [
    ],
},
{
    "channel": 60,
    "config_flags": [
    ],
},
{
    "channel": 64,
    "config_flags": [
    ],
},
{
    "channel": 100,
    "config_flags": [
    ],
},
{
    "channel": 104,
    "config_flags": [
    ],
},
{
    "channel": 108,
    "config_flags": [
    ],
},
{
    "channel": 112,
```

```

        "config_flags": [
            ]
    },
    {
        "channel": 116,
        "config_flags": [
            ]
    },
    {
        "channel": 120,
        "config_flags": [
            ]
    },
    {
        "channel": 124,
        "config_flags": [
            ]
    },
    {
        "channel": 128,
        "config_flags": [
            ]
    },
    {
        "channel": 132,
        "config_flags": [
            ]
    },
    {
        "channel": 136,
        "config_flags": [
            ]
    },
    {
        "channel": 140,
        "config_flags": [
            ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_5GHz"
]
}
[Wed Dec 8 21:24:45 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",

```

```

"source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
},
"type": "WLAN",
"state": "CONNECTED",
"last_connected": 1638975793,
"node_1_uid": "n-1",
"node_2_uid": "n-49",
"node_interface_1_uid": "ni-98",
"node_interface_2_uid": "ni-50",
"max_data_rate_rx": 433300,
"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:24:53 2021]: "STEERING" change node link: {
"uid": "nl-112",
"source": {
    "type": "LOCAL TYPE",
    "value": "STEERING"
},
"type": "WLAN",
"state": "DISCONNECTED",
"last_connected": 1638179006,
"node_1_uid": "n-1",
"node_2_uid": "n-49",
"node_interface_1_uid": "ni-92",
"node_interface_2_uid": "ni-50",
"max_data_rate_rx": 0,
"max_data_rate_tx": 0,
"cur_data_rate_rx": 0,
"cur_data_rate_tx": 0,
"cur_availability_rx": 95,
"cur_availability_tx": 95,
"rx_rsnr": 50,
"tx_rsnr": 0,
"rx_rcpi": -39,
"tx_rcpi": -49,
"capabilities": [
],

```

```

    "idle": false
  }
  [Wed Dec 8 21:25:08 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
      "type": "LOCAL TYPE",
      "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsni": 37,
    "tx_rsni": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
      "WME",
      "STBC",
      "LDPC",
      "WME_PS",
      "MU-MIMO",
      "BAND_2GHz",
      "BAND_5GHz",
      "RRM",
      "BTM"
    ],
    "idle": false
  }
  [Wed Dec 8 21:25:09 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-92",
    "source": {
      "type": "LOCAL TYPE",
      "value": "WLAN SERVICE"
    },
    "name": "AP:2G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:IX:IX:IX",
    "blocking_state": "UNKNOWN",
    "node_links": [
      {
        "uid": "nl-112",
        "source": {
          "type": "LOCAL TYPE",
          "value": "STEERING"
        },
        "type": "WLAN",
        "state": "DISCONNECTED",
        "last_connected": 1638179006,
        "node_1_uid": "n-1",
        "node_2_uid": "n-49",

```

```
        "node_interface_1_uid": "ni-92",
        "node_interface_2_uid": "ni-50",
        "max_data_rate_rx": 0,
        "max_data_rate_tx": 0,
        "cur_data_rate_rx": 0,
        "cur_data_rate_tx": 0,
        "cur_availability_rx": 95,
        "cur_availability_tx": 95,
        "rx_rsnr": 50,
        "tx_rsnr": 0,
        "rx_rcpi": -39,
        "tx_rcpi": -49,
        "capabilities": [
            ],
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
],
```



```
[
    "80+80 MHz",
    0
],
"current_channel": 6,
"phymodes": [
    "g",
    "n"
],
"channel_utilization": 5,
"anpi": -103,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 1,
        "config_flags": [
        ]
    },
    {
        "channel": 2,
        "config_flags": [
        ]
    },
    {
        "channel": 3,
        "config_flags": [
        ]
    },
    {
        "channel": 4,
        "config_flags": [
        ]
    },
    {
        "channel": 5,
        "config_flags": [
        ]
    },
    {
        "channel": 6,
        "config_flags": [
        ]
    },
    {
        "channel": 7,
        "config_flags": [
        ]
    },
]
```

```

    {
        "channel": 8,
        "config_flags": [

        ]
    },
    {
        "channel": 9,
        "config_flags": [

        ]
    },
    {
        "channel": 10,
        "config_flags": [

        ]
    },
    {
        "channel": 11,
        "config_flags": [

        ]
    },
    {
        "channel": 12,
        "config_flags": [

        ]
    },
    {
        "channel": 13,
        "config_flags": [

        ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_2GHz"
]
}
[Wed Dec 8 21:25:24 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",

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"node_interface_2_uid": "ni-50",
"max_data_rate_rx": 433300,
"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:25:32 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-98",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:5G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:hX:hX:hX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-108",
      "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
      },
      "type": "WLAN",
      "state": "CONNECTED",
      "last_connected": 1638975793,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-98",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 433300,
      "max_data_rate_tx": 433300,
      "cur_data_rate_rx": 433000,
      "cur_data_rate_tx": 433000,
      "cur_availability_rx": 100,
      "cur_availability_tx": 100,
      "rx_rsnr": 37,
      "tx_rsnr": 0,
      "rx_rcpi": -52,
      "tx_rcpi": -44,
      "capabilities": [
        "WME",

```

```

        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,

```

```
"phymodes": [
  "a",
  "n",
  "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 36,
    "config_flags": [

    ]
  },
  {
    "channel": 40,
    "config_flags": [

    ]
  },
  {
    "channel": 44,
    "config_flags": [

    ]
  },
  {
    "channel": 48,
    "config_flags": [

    ]
  },
  {
    "channel": 52,
    "config_flags": [

    ]
  },
  {
    "channel": 56,
    "config_flags": [

    ]
  },
  {
    "channel": 60,
    "config_flags": [

    ]
  },
  {
    "channel": 64,
    "config_flags": [

    ]
  }
]
```

```
},
{
  "channel": 100,
  "config_flags": [

  ]
},
{
  "channel": 104,
  "config_flags": [

  ]
},
{
  "channel": 108,
  "config_flags": [

  ]
},
{
  "channel": 112,
  "config_flags": [

  ]
},
{
  "channel": 116,
  "config_flags": [

  ]
},
{
  "channel": 120,
  "config_flags": [

  ]
},
{
  "channel": 124,
  "config_flags": [

  ]
},
{
  "channel": 128,
  "config_flags": [

  ]
},
{
  "channel": 132,
  "config_flags": [

  ]
},
{
  "channel": 136,
  "config_flags": [

  ]
}
```

```

    },
    {
        "channel": 140,
        "config_flags": [
            ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_5GHz"
    ]
}
[Wed Dec 8 21:25:36 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:25:46 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    }
}

```

```

    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:26:07 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",

```



```

        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:26:10 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-92",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:2G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:IX:IX:IX",
    "blocking_state": "UNKNOWN",
    "node_links": [
        {
            "uid": "nl-112",
            "source": {
                "type": "LOCAL TYPE",
                "value": "STEERING"
            },
            "type": "WLAN",
            "state": "DISCONNECTED",
            "last_connected": 1638179006,
            "node_1_uid": "n-1",
            "node_2_uid": "n-49",
            "node_interface_1_uid": "ni-92",
            "node_interface_2_uid": "ni-50",
            "max_data_rate_rx": 0,
            "max_data_rate_tx": 0,
            "cur_data_rate_rx": 0,
            "cur_data_rate_tx": 0,
            "cur_availability_rx": 95,
            "cur_availability_tx": 95,
            "rx_rssi": 50,
            "tx_rssi": 0,
            "rx_rcpi": -39,
            "tx_rcpi": -49,
            "capabilities": [
                ],
            "idle": false
        }
    ],
    "ssid": "SECRET",
    "opmode": "AP",
    "security": "WPA2PSK",
    "supported_streams_tx": [
        [
            "20 MHz",
            4
        ],
        [
            "40 MHz",
            4
        ],
        [

```

```

        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 6,
"phymodes": [
    "g",
    "n"
],
"channel_utilization": 5,
"anpi": -103,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 1,
        "config_flags": [

        ]
    },
    {
        "channel": 2,
        "config_flags": [

        ]
    },
    {

```

```
    "channel": 3,
    "config_flags": [
  ],
},
{
    "channel": 4,
    "config_flags": [
  ],
},
{
    "channel": 5,
    "config_flags": [
  ],
},
{
    "channel": 6,
    "config_flags": [
  ],
},
{
    "channel": 7,
    "config_flags": [
  ],
},
{
    "channel": 8,
    "config_flags": [
  ],
},
{
    "channel": 9,
    "config_flags": [
  ],
},
{
    "channel": 10,
    "config_flags": [
  ],
},
{
    "channel": 11,
    "config_flags": [
  ],
},
{
    "channel": 12,
    "config_flags": [
  ],
},
{
```

```

        "channel": 13,
        "config_flags": [
            ]
        }
    ],
    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_2GHz"
    ]
}
[Wed Dec 8 21:26:26 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:26:34 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-98",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:5G:0",

```

```

"type": "WLAN",
"mac_address": "2C:91:AB:hX:hX:hX",
"blocking_state": "UNKNOWN",
"node_links": [
  {
    "uid": "nl-108",
    "source": {
      "type": "LOCAL TYPE",
      "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
      "WME",
      "STBC",
      "LDPC",
      "WME_PS",
      "MU-MIMO",
      "BAND_2GHz",
      "BAND_5GHz",
      "RRM",
      "BTM"
    ],
    "idle": false
  }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
  [
    "20 MHz",
    4
  ],
  [
    "40 MHz",
    4
  ],
  [
    "80 MHz",
    4
  ],
  [
    "160 MHz",
    4
  ]
]

```

```
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 36,
        "config_flags": [

        ]
    },
    {
        "channel": 40,
        "config_flags": [

        ]
    },
    {
        "channel": 44,
        "config_flags": [

        ]
    },
]
```

```
{
  "channel": 48,
  "config_flags": [
  ]
},
{
  "channel": 52,
  "config_flags": [
  ]
},
{
  "channel": 56,
  "config_flags": [
  ]
},
{
  "channel": 60,
  "config_flags": [
  ]
},
{
  "channel": 64,
  "config_flags": [
  ]
},
{
  "channel": 100,
  "config_flags": [
  ]
},
{
  "channel": 104,
  "config_flags": [
  ]
},
{
  "channel": 108,
  "config_flags": [
  ]
},
{
  "channel": 112,
  "config_flags": [
  ]
},
{
  "channel": 116,
  "config_flags": [
  ]
},
},
```

```

    {
        "channel": 120,
        "config_flags": [

        ]
    },
    {
        "channel": 124,
        "config_flags": [

        ]
    },
    {
        "channel": 128,
        "config_flags": [

        ]
    },
    {
        "channel": 132,
        "config_flags": [

        ]
    },
    {
        "channel": 136,
        "config_flags": [

        ]
    },
    {
        "channel": 140,
        "config_flags": [

        ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_5GHz"
]
}
[Wed Dec 8 21:26:37 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",

```



```

"node_interface_2_uid": "ni-50",
"max_data_rate_rx": 433300,
"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:26:46 2021]: "WLAN SERVICE" change node link: {
  "uid": "nl-108",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "type": "WLAN",
  "state": "CONNECTED",
  "last_connected": 1638975793,
  "node_1_uid": "n-1",
  "node_2_uid": "n-49",
  "node_interface_1_uid": "ni-98",
  "node_interface_2_uid": "ni-50",
  "max_data_rate_rx": 433300,
  "max_data_rate_tx": 433300,
  "cur_data_rate_rx": 433000,
  "cur_data_rate_tx": 433000,
  "cur_availability_rx": 100,
  "cur_availability_tx": 100,
  "rx_rsnr": 37,
  "tx_rsnr": 0,
  "rx_rcpi": -52,
  "tx_rcpi": -44,
  "capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
  ],
  "idle": false
}

```

```
[Wed Dec 8 21:26:47 2021]: "WLAN SERVICE" change node link: {
  "uid": "nl-108",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "type": "WLAN",
  "state": "CONNECTED",
  "last_connected": 1638975793,
  "node_1_uid": "n-1",
  "node_2_uid": "n-49",
  "node_interface_1_uid": "ni-98",
  "node_interface_2_uid": "ni-50",
  "max_data_rate_rx": 433300,
  "max_data_rate_tx": 433300,
  "cur_data_rate_rx": 433000,
  "cur_data_rate_tx": 433000,
  "cur_availability_rx": 100,
  "cur_availability_tx": 100,
  "rx_rsnr": 37,
  "tx_rsnr": 0,
  "rx_rcpi": -52,
  "tx_rcpi": -44,
  "capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
  ],
  "idle": false
}
```

```
[Wed Dec 8 21:26:57 2021]: "WLAN SERVICE" change node link: {
  "uid": "nl-108",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "type": "WLAN",
  "state": "CONNECTED",
  "last_connected": 1638975793,
  "node_1_uid": "n-1",
  "node_2_uid": "n-49",
  "node_interface_1_uid": "ni-98",
  "node_interface_2_uid": "ni-50",
  "max_data_rate_rx": 433300,
  "max_data_rate_tx": 433300,
  "cur_data_rate_rx": 433000,
  "cur_data_rate_tx": 433000,
  "cur_availability_rx": 100,
  "cur_availability_tx": 100,
  "rx_rsnr": 37,
  "tx_rsnr": 0,
  "rx_rcpi": -52,
  "tx_rcpi": -44,
  "capabilities": [
```

```

        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:27:12 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-92",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:2G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:IX:IX:IX",
    "blocking_state": "UNKNOWN",
    "node_links": [
        {
            "uid": "nl-112",
            "source": {
                "type": "LOCAL TYPE",
                "value": "STEERING"
            },
            "type": "WLAN",
            "state": "DISCONNECTED",
            "last_connected": 1638179006,
            "node_1_uid": "n-1",
            "node_2_uid": "n-49",
            "node_interface_1_uid": "ni-92",
            "node_interface_2_uid": "ni-50",
            "max_data_rate_rx": 0,
            "max_data_rate_tx": 0,
            "cur_data_rate_rx": 0,
            "cur_data_rate_tx": 0,
            "cur_availability_rx": 95,
            "cur_availability_tx": 95,
            "rx_rsnr": 50,
            "tx_rsnr": 0,
            "rx_rcpi": -39,
            "tx_rcpi": -49,
            "capabilities": [
                ],
            "idle": false
        }
    ],
    "ssid": "SECRET",
    "opmode": "AP",
    "security": "WPA2PSK",
    "supported_streams_tx": [
        [
            "20 MHz",
            4
        ]
    ],

```

```

    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 6,
"phymodes": [
    "g",
    "n"
],
"channel_utilization": 5,
"anpi": -103,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 1,
        "config_flags": [
            ]
        },
    {
        "channel": 2,

```

```
        "config_flags": [
    ],
},
{
    "channel": 3,
    "config_flags": [
    ],
},
{
    "channel": 4,
    "config_flags": [
    ],
},
{
    "channel": 5,
    "config_flags": [
    ],
},
{
    "channel": 6,
    "config_flags": [
    ],
},
{
    "channel": 7,
    "config_flags": [
    ],
},
{
    "channel": 8,
    "config_flags": [
    ],
},
{
    "channel": 9,
    "config_flags": [
    ],
},
{
    "channel": 10,
    "config_flags": [
    ],
},
{
    "channel": 11,
    "config_flags": [
    ],
},
{
    "channel": 12,
```

```

        "config_flags": [
            ]
        },
        {
            "channel": 13,
            "config_flags": [
                ]
            }
        ],
        "state": "ON_AIR",
        "capabilities": [
            "WPA2_PSK",
            "WME",
            "PRIVACY",
            "STBC",
            "LDPC",
            "AMPDU",
            "BAND_2GHz"
        ]
    }
}
[Wed Dec 8 21:27:18 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:27:27 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",

```

```

"source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
},
"type": "WLAN",
"state": "CONNECTED",
"last_connected": 1638975793,
"node_1_uid": "n-1",
"node_2_uid": "n-49",
"node_interface_1_uid": "ni-98",
"node_interface_2_uid": "ni-50",
"max_data_rate_rx": 433300,
"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:27:35 2021]: "WLAN SERVICE" change node interface: {
"uid": "ni-98",
"source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
},
"name": "AP:5G:0",
"type": "WLAN",
"mac_address": "2C:91:AB:hX:hX:hX",
"blocking_state": "UNKNOWN",
"node_links": [
    {
        "uid": "nl-108",
        "source": {
            "type": "LOCAL TYPE",
            "value": "WLAN SERVICE"
        },
        "type": "WLAN",
        "state": "CONNECTED",
        "last_connected": 1638975793,
        "node_1_uid": "n-1",
        "node_2_uid": "n-49",
        "node_interface_1_uid": "ni-98",
        "node_interface_2_uid": "ni-50",
        "max_data_rate_rx": 433300,
        "max_data_rate_tx": 433300,

```

```
        "cur_data_rate_rx": 433000,
        "cur_data_rate_tx": 433000,
        "cur_availability_rx": 100,
        "cur_availability_tx": 100,
        "rx_rsnr": 37,
        "tx_rsnr": 0,
        "rx_rcpi": -52,
        "tx_rcpi": -44,
        "capabilities": [
            "WME",
            "STBC",
            "LDPC",
            "WME_PS",
            "MU-MIMO",
            "BAND_2GHz",
            "BAND_5GHz",
            "RRM",
            "BTM"
        ],
        "idle": false
    }
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ]
],
```



```
[
    "160 MHz",
    4
],
[
    "80+80 MHz",
    0
]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 36,
        "config_flags": [

        ]
    },
    {
        "channel": 40,
        "config_flags": [

        ]
    },
    {
        "channel": 44,
        "config_flags": [

        ]
    },
    {
        "channel": 48,
        "config_flags": [

        ]
    },
    {
        "channel": 52,
        "config_flags": [

        ]
    },
    {
        "channel": 56,
        "config_flags": [

        ]
    },
    {
```

```
        "channel": 60,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 64,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 100,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 104,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 108,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 112,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 116,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 120,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 124,  
        "config_flags": [  
            ]  
    },  
    {  
        "channel": 128,  
        "config_flags": [  
            ]  
    },  
    {
```

```

        "channel": 132,
        "config_flags": [
            ]
    },
    {
        "channel": 136,
        "config_flags": [
            ]
    },
    {
        "channel": 140,
        "config_flags": [
            ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_5GHz"
]
}
[Wed Dec 8 21:27:46 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rssi": 37,
    "tx_rssi": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
    ]
}

```

```

        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:27:58 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:28:06 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,

```

```

    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:28:13 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-92",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:2G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:IX:IX:IX",
    "blocking_state": "UNKNOWN",
    "node_links": [
        {
            "uid": "nl-112",
            "source": {
                "type": "LOCAL TYPE",
                "value": "STEERING"
            },
            "type": "WLAN",
            "state": "DISCONNECTED",
            "last_connected": 1638179006,
            "node_1_uid": "n-1",
            "node_2_uid": "n-49",
            "node_interface_1_uid": "ni-92",
            "node_interface_2_uid": "ni-50",
            "max_data_rate_rx": 0,
            "max_data_rate_tx": 0,
            "cur_data_rate_rx": 0,
            "cur_data_rate_tx": 0,
            "cur_availability_rx": 95,
            "cur_availability_tx": 95,
            "rx_rsnr": 50,
            "tx_rsnr": 0,
            "rx_rcpi": -39,
            "tx_rcpi": -49,
            "capabilities": [
                ],
            "idle": false
        }
    ],
    "ssid": "SECRET",
    "opmode": "AP",
    "security": "WPA2PSK",

```

```
"supported_streams_tx": [
  [
    "20 MHz",
    4
  ],
  [
    "40 MHz",
    4
  ],
  [
    "80 MHz",
    0
  ],
  [
    "160 MHz",
    0
  ],
  [
    "80+80 MHz",
    0
  ]
],
"supported_streams_rx": [
  [
    "20 MHz",
    4
  ],
  [
    "40 MHz",
    4
  ],
  [
    "80 MHz",
    0
  ],
  [
    "160 MHz",
    0
  ],
  [
    "80+80 MHz",
    0
  ]
],
"current_channel": 6,
"phymodes": [
  "g",
  "n"
],
"channel_utilization": 5,
"anpi": -103,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 1,
    "config_flags": [
```

```
    ],
  },
  {
    "channel": 2,
    "config_flags": [

    ]
  },
  {
    "channel": 3,
    "config_flags": [

    ]
  },
  {
    "channel": 4,
    "config_flags": [

    ]
  },
  {
    "channel": 5,
    "config_flags": [

    ]
  },
  {
    "channel": 6,
    "config_flags": [

    ]
  },
  {
    "channel": 7,
    "config_flags": [

    ]
  },
  {
    "channel": 8,
    "config_flags": [

    ]
  },
  {
    "channel": 9,
    "config_flags": [

    ]
  },
  {
    "channel": 10,
    "config_flags": [

    ]
  },
  {
    "channel": 11,
    "config_flags": [
```

```

        ]
    },
    {
        "channel": 12,
        "config_flags": [

        ]
    },
    {
        "channel": 13,
        "config_flags": [

        ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_2GHz"
]
}
[Wed Dec 8 21:28:22 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ]
}

```



```

    ],
    "idle": false
}
[Wed Dec 8 21:28:37 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-98",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:5G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:hX:hX:hX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-108",
      "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
      },
      "type": "WLAN",
      "state": "CONNECTED",
      "last_connected": 1638975793,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-98",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 433300,
      "max_data_rate_tx": 433300,
      "cur_data_rate_rx": 433000,
      "cur_data_rate_tx": 433000,
      "cur_availability_rx": 100,
      "cur_availability_tx": 100,
      "rx_rsnr": 37,
      "tx_rsnr": 0,
      "rx_rcpi": -52,
      "tx_rcpi": -44,
      "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
      ],
      "idle": false
    }
  ],
  "ssid": "SECRET",
  "opmode": "AP",
  "security": "WPA2PSK",
  "supported_streams_tx": [
    [
      "20 MHz",
      4
    ]
  ],
  [

```

```

        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        4
    ],
    [
        "160 MHz",
        4
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 44,
"phymodes": [
    "a",
    "n",
    "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 36,
        "config_flags": [
        ]
    },
    {
        "channel": 40,

```

```
        "config_flags": [
    ],
},
{
    "channel": 44,
    "config_flags": [
    ],
},
{
    "channel": 48,
    "config_flags": [
    ],
},
{
    "channel": 52,
    "config_flags": [
    ],
},
{
    "channel": 56,
    "config_flags": [
    ],
},
{
    "channel": 60,
    "config_flags": [
    ],
},
{
    "channel": 64,
    "config_flags": [
    ],
},
{
    "channel": 100,
    "config_flags": [
    ],
},
{
    "channel": 104,
    "config_flags": [
    ],
},
{
    "channel": 108,
    "config_flags": [
    ],
},
{
    "channel": 112,
```

```

        "config_flags": [
            ]
    },
    {
        "channel": 116,
        "config_flags": [
            ]
    },
    {
        "channel": 120,
        "config_flags": [
            ]
    },
    {
        "channel": 124,
        "config_flags": [
            ]
    },
    {
        "channel": 128,
        "config_flags": [
            ]
    },
    {
        "channel": 132,
        "config_flags": [
            ]
    },
    {
        "channel": 136,
        "config_flags": [
            ]
    },
    {
        "channel": 140,
        "config_flags": [
            ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_5GHz"
]
}
[Wed Dec 8 21:28:42 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",

```

```
"source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
},
"type": "WLAN",
"state": "CONNECTED",
"last_connected": 1638975793,
"node_1_uid": "n-1",
"node_2_uid": "n-49",
"node_interface_1_uid": "ni-98",
"node_interface_2_uid": "ni-50",
"max_data_rate_rx": 433300,
"max_data_rate_tx": 433300,
"cur_data_rate_rx": 433000,
"cur_data_rate_tx": 433000,
"cur_availability_rx": 100,
"cur_availability_tx": 100,
"rx_rsnr": 37,
"tx_rsnr": 0,
"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:28:52 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
```

```

        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:29:07 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsni": 37,
    "tx_rsni": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:29:15 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-92",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:2G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:IX:IX:IX",
    "blocking_state": "UNKNOWN",
    "node_links": [
        {
            "uid": "nl-112",
            "source": {

```

```

        "type": "LOCAL TYPE",
        "value": "STEERING"
    },
    "type": "WLAN",
    "state": "DISCONNECTED",
    "last_connected": 1638179006,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-92",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 0,
    "max_data_rate_tx": 0,
    "cur_data_rate_rx": 0,
    "cur_data_rate_tx": 0,
    "cur_availability_rx": 95,
    "cur_availability_tx": 95,
    "rx_rsnr": 50,
    "tx_rsnr": 0,
    "rx_rcpi": -39,
    "tx_rcpi": -49,
    "capabilities": [
    ],
    "idle": false
}
],
"ssid": "SECRET",
"opmode": "AP",
"security": "WPA2PSK",
"supported_streams_tx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
],

```

```
[
  [
    "80 MHz",
    0
  ],
  [
    "160 MHz",
    0
  ],
  [
    "80+80 MHz",
    0
  ]
],
"current_channel": 6,
"phymodes": [
  "g",
  "n"
],
"channel_utilization": 5,
"anpi": -103,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 1,
    "config_flags": [

    ]
  },
  {
    "channel": 2,
    "config_flags": [

    ]
  },
  {
    "channel": 3,
    "config_flags": [

    ]
  },
  {
    "channel": 4,
    "config_flags": [

    ]
  },
  {
    "channel": 5,
    "config_flags": [

    ]
  },
  {
    "channel": 6,
    "config_flags": [

    ]
  }
]
```



```

        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:29:38 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",

```

```

        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:29:38 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-98",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:5G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:hX:hX:hX",
    "blocking_state": "UNKNOWN",
    "node_links": [
        {
            "uid": "nl-108",
            "source": {
                "type": "LOCAL TYPE",
                "value": "WLAN SERVICE"
            },
            "type": "WLAN",
            "state": "CONNECTED",
            "last_connected": 1638975793,
            "node_1_uid": "n-1",
            "node_2_uid": "n-49",
            "node_interface_1_uid": "ni-98",
            "node_interface_2_uid": "ni-50",
            "max_data_rate_rx": 433300,
            "max_data_rate_tx": 433300,
            "cur_data_rate_rx": 433000,
            "cur_data_rate_tx": 433000,
            "cur_availability_rx": 100,
            "cur_availability_tx": 100,
            "rx_rssi": 37,
            "tx_rssi": 0,
            "rx_rcpi": -52,
            "tx_rcpi": -44,
            "capabilities": [
                "WME",
                "STBC",
                "LDPC",
                "WME_PS",
                "MU-MIMO",
                "BAND_2GHz",
                "BAND_5GHz",
                "RRM",
                "BTM"
            ],
            "idle": false
        }
    ],
    "ssid": "SECRET",
    "opmode": "AP",
    "security": "WPA2PSK",
    "supported_streams_tx": [

```

```
[
  [
    "20 MHz",
    4
  ],
  [
    "40 MHz",
    4
  ],
  [
    "80 MHz",
    4
  ],
  [
    "160 MHz",
    4
  ],
  [
    "80+80 MHz",
    0
  ]
],
"supported_streams_rx": [
  [
    "20 MHz",
    4
  ],
  [
    "40 MHz",
    4
  ],
  [
    "80 MHz",
    4
  ],
  [
    "160 MHz",
    4
  ],
  [
    "80+80 MHz",
    0
  ]
],
"current_channel": 44,
"phymodes": [
  "a",
  "n",
  "ac"
],
"channel_utilization": 0,
"anpi": -100,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
  {
    "channel": 36,
    "config_flags": [
```

```
    ]
  },
  {
    "channel": 40,
    "config_flags": [

    ]
  },
  {
    "channel": 44,
    "config_flags": [

    ]
  },
  {
    "channel": 48,
    "config_flags": [

    ]
  },
  {
    "channel": 52,
    "config_flags": [

    ]
  },
  {
    "channel": 56,
    "config_flags": [

    ]
  },
  {
    "channel": 60,
    "config_flags": [

    ]
  },
  {
    "channel": 64,
    "config_flags": [

    ]
  },
  {
    "channel": 100,
    "config_flags": [

    ]
  },
  {
    "channel": 104,
    "config_flags": [

    ]
  },
  {
    "channel": 108,
    "config_flags": [
```

```
    ],
    {
      "channel": 112,
      "config_flags": [
        ]
    },
    {
      "channel": 116,
      "config_flags": [
        ]
    },
    {
      "channel": 120,
      "config_flags": [
        ]
    },
    {
      "channel": 124,
      "config_flags": [
        ]
    },
    {
      "channel": 128,
      "config_flags": [
        ]
    },
    {
      "channel": 132,
      "config_flags": [
        ]
    },
    {
      "channel": 136,
      "config_flags": [
        ]
    },
    {
      "channel": 140,
      "config_flags": [
        ]
    }
  ],
  "state": "ON_AIR",
  "capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
```

```
        "BAND_5GHz"
    ]
}
[Wed Dec 8 21:29:47 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:30:08 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
```

```

"rx_rcpi": -52,
"tx_rcpi": -44,
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:30:16 2021]: "WLAN SERVICE" change node interface: {
  "uid": "ni-92",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "name": "AP:2G:0",
  "type": "WLAN",
  "mac_address": "2C:91:AB:IX:IX:IX",
  "blocking_state": "UNKNOWN",
  "node_links": [
    {
      "uid": "nl-112",
      "source": {
        "type": "LOCAL TYPE",
        "value": "STEERING"
      },
      "type": "WLAN",
      "state": "DISCONNECTED",
      "last_connected": 1638179006,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-92",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 0,
      "max_data_rate_tx": 0,
      "cur_data_rate_rx": 0,
      "cur_data_rate_tx": 0,
      "cur_availability_rx": 95,
      "cur_availability_tx": 95,
      "rx_rssi": 50,
      "tx_rssi": 0,
      "rx_rcpi": -39,
      "tx_rcpi": -49,
      "capabilities": [
        ],
      "idle": false
    }
  ],
  "ssid": "SECRET",
  "opmode": "AP",
  "security": "WPA2PSK",
  "supported_streams_tx": [
    [

```



```

        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"supported_streams_rx": [
    [
        "20 MHz",
        4
    ],
    [
        "40 MHz",
        4
    ],
    [
        "80 MHz",
        0
    ],
    [
        "160 MHz",
        0
    ],
    [
        "80+80 MHz",
        0
    ]
],
"current_channel": 6,
"phymodes": [
    "g",
    "n"
],
"channel_utilization": 5,
"anpi": -103,
"steering_enabled": true,
"11k_friendly": false,
"11v_friendly": false,
"legacy_friendly": true,
"rrm_compliant": false,
"channel_list": [
    {
        "channel": 1,
        "config_flags": [

```

```
},
{
  "channel": 2,
  "config_flags": [

  ]
},
{
  "channel": 3,
  "config_flags": [

  ]
},
{
  "channel": 4,
  "config_flags": [

  ]
},
{
  "channel": 5,
  "config_flags": [

  ]
},
{
  "channel": 6,
  "config_flags": [

  ]
},
{
  "channel": 7,
  "config_flags": [

  ]
},
{
  "channel": 8,
  "config_flags": [

  ]
},
{
  "channel": 9,
  "config_flags": [

  ]
},
{
  "channel": 10,
  "config_flags": [

  ]
},
{
  "channel": 11,
  "config_flags": [

  ]
}
```

```

    },
    {
        "channel": 12,
        "config_flags": [

        ]
    },
    {
        "channel": 13,
        "config_flags": [

        ]
    }
],
"state": "ON_AIR",
"capabilities": [
    "WPA2_PSK",
    "WME",
    "PRIVACY",
    "STBC",
    "LDPC",
    "AMPDU",
    "BAND_2GHz"
]
}
[Wed Dec 8 21:30:17 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false

```

```

}
[Wed Dec 8 21:30:17 2021]: "WLAN SERVICE" change node link: {
  "uid": "nl-108",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "type": "WLAN",
  "state": "CONNECTED",
  "last_connected": 1638975793,
  "node_1_uid": "n-1",
  "node_2_uid": "n-49",
  "node_interface_1_uid": "ni-98",
  "node_interface_2_uid": "ni-50",
  "max_data_rate_rx": 433300,
  "max_data_rate_tx": 433300,
  "cur_data_rate_rx": 433000,
  "cur_data_rate_tx": 433000,
  "cur_availability_rx": 100,
  "cur_availability_tx": 100,
  "rx_rsnr": 37,
  "tx_rsnr": 0,
  "rx_rcpi": -52,
  "tx_rcpi": -44,
  "capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
  ],
  "idle": false
}
[Wed Dec 8 21:30:28 2021]: "WLAN SERVICE" change node link: {
  "uid": "nl-108",
  "source": {
    "type": "LOCAL TYPE",
    "value": "WLAN SERVICE"
  },
  "type": "WLAN",
  "state": "CONNECTED",
  "last_connected": 1638975793,
  "node_1_uid": "n-1",
  "node_2_uid": "n-49",
  "node_interface_1_uid": "ni-98",
  "node_interface_2_uid": "ni-50",
  "max_data_rate_rx": 433300,
  "max_data_rate_tx": 433300,
  "cur_data_rate_rx": 433000,
  "cur_data_rate_tx": 433000,
  "cur_availability_rx": 100,
  "cur_availability_tx": 100,
  "rx_rsnr": 37,
  "tx_rsnr": 0,
  "rx_rcpi": -52,
  "tx_rcpi": -44,

```

```
"capabilities": [
    "WME",
    "STBC",
    "LDPC",
    "WME_PS",
    "MU-MIMO",
    "BAND_2GHz",
    "BAND_5GHz",
    "RRM",
    "BTM"
],
"idle": false
}
[Wed Dec 8 21:30:38 2021]: "WLAN SERVICE" change node link: {
    "uid": "nl-108",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "type": "WLAN",
    "state": "CONNECTED",
    "last_connected": 1638975793,
    "node_1_uid": "n-1",
    "node_2_uid": "n-49",
    "node_interface_1_uid": "ni-98",
    "node_interface_2_uid": "ni-50",
    "max_data_rate_rx": 433300,
    "max_data_rate_tx": 433300,
    "cur_data_rate_rx": 433000,
    "cur_data_rate_tx": 433000,
    "cur_availability_rx": 100,
    "cur_availability_tx": 100,
    "rx_rsnr": 37,
    "tx_rsnr": 0,
    "rx_rcpi": -52,
    "tx_rcpi": -44,
    "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
    ],
    "idle": false
}
[Wed Dec 8 21:30:40 2021]: "WLAN SERVICE" change node interface: {
    "uid": "ni-98",
    "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
    },
    "name": "AP:5G:0",
    "type": "WLAN",
    "mac_address": "2C:91:AB:hX:hX:hX",
    "blocking_state": "UNKNOWN",
    "node_links": [
```

```

    {
      "uid": "nl-108",
      "source": {
        "type": "LOCAL TYPE",
        "value": "WLAN SERVICE"
      },
      "type": "WLAN",
      "state": "CONNECTED",
      "last_connected": 1638975793,
      "node_1_uid": "n-1",
      "node_2_uid": "n-49",
      "node_interface_1_uid": "ni-98",
      "node_interface_2_uid": "ni-50",
      "max_data_rate_rx": 433300,
      "max_data_rate_tx": 433300,
      "cur_data_rate_rx": 433000,
      "cur_data_rate_tx": 433000,
      "cur_availability_rx": 100,
      "cur_availability_tx": 100,
      "rx_rsnr": 37,
      "tx_rsnr": 0,
      "rx_rcpi": -52,
      "tx_rcpi": -44,
      "capabilities": [
        "WME",
        "STBC",
        "LDPC",
        "WME_PS",
        "MU-MIMO",
        "BAND_2GHz",
        "BAND_5GHz",
        "RRM",
        "BTM"
      ],
      "idle": false
    }
  ],
  "ssid": "SECRET",
  "opmode": "AP",
  "security": "WPA2PSK",
  "supported_streams_tx": [
    [
      "20 MHz",
      4
    ],
    [
      "40 MHz",
      4
    ],
    [
      "80 MHz",
      4
    ],
    [
      "160 MHz",
      4
    ],
    [
      "80+80 MHz",
      0
    ]
  ]
}

```

```

    ],
    "supported_streams_rx": [
        [
            "20 MHz",
            4
        ],
        [
            "40 MHz",
            4
        ],
        [
            "80 MHz",
            4
        ],
        [
            "160 MHz",
            4
        ],
        [
            "80+80 MHz",
            0
        ]
    ],
    "current_channel": 44,
    "phymodes": [
        "a",
        "n",
        "ac"
    ],
    "channel_utilization": 0,
    "anpi": -100,
    "steering_enabled": true,
    "11k_friendly": false,
    "11v_friendly": false,
    "legacy_friendly": true,
    "rrm_compliant": false,
    "channel_list": [
        {
            "channel": 36,
            "config_flags": [

        ]
        },
        {
            "channel": 40,
            "config_flags": [

        ]
        },
        {
            "channel": 44,
            "config_flags": [

        ]
        },
        {
            "channel": 48,
            "config_flags": [

```

```
    ],
  },
  {
    "channel": 52,
    "config_flags": [

    ]
  },
  {
    "channel": 56,
    "config_flags": [

    ]
  },
  {
    "channel": 60,
    "config_flags": [

    ]
  },
  {
    "channel": 64,
    "config_flags": [

    ]
  },
  {
    "channel": 100,
    "config_flags": [

    ]
  },
  {
    "channel": 104,
    "config_flags": [

    ]
  },
  {
    "channel": 108,
    "config_flags": [

    ]
  },
  {
    "channel": 112,
    "config_flags": [

    ]
  },
  {
    "channel": 116,
    "config_flags": [

    ]
  },
  {
    "channel": 120,
    "config_flags": [
```



```

    ],
    "state": "ON_AIR",
    "capabilities": [
        "WPA2_PSK",
        "WME",
        "PRIVACY",
        "STBC",
        "LDPC",
        "AMPDU",
        "BAND_5GHz"
    ]
}

==== Mesh Topology Dump Cumulative Updates End ====
==== Mesh Topology Stats Begin ====
Last merge at [Wed Dec  8 21:30:43 2021] took 0 ms
Longest merge at [Mon Nov 29 10:49:41 2021] took 1 ms
List of tracked cumulative update since [Wed Dec  8 21:29:50 2021]:
Tracked 7 cumulative changes from WLAN SERVICE
==== Mesh Topology Stats End ====
==== Mesh SLAB Dump Begin ====
SLAB $Revision$ FLAGS F
pagesize 4096 offlimit 49
ncaches 22 nallocpages 131 (max=144) nreappages 15162 current=524KByte
          objalloc          slabs          npages          alloc
free
slab_cache  :   21   30       0   1   0       1   1       21
0

```

```

size-16      : 701 1206    0  6  0    6  7    7043544
7042843
size-32      : 312  448    1  2  1    4  4    2033966
2033654
size-64      : 314  472    2  5  1    8  8    1457967
1457653
size-128     : 109  120    3  1  0    4  5    392039
391930
size-256     :  53   90    1  5  0    6  8    134983
134930
size-512     :  19   24    2  1  0    3  3     55242
55223
size-1024    :  36  172    9  0 34   43  45    30124
30088
size-2048    :   5    6    2  1  0    3  10   20194
20189
size-4096    :  20   20   20  0  0   20  55   13420
13400
size-8192    :   1    2    1  0  1    4  4    6623
6622
size-16384   :   4    4    4  0  0   16  16     8
4
size-32768   :   1    1    1  0  0    8  8     1
0
size-65536   :
size-131072  :
size-256*1024 :
size-512*1024 :
size-1024*1024:
size-2048*1024:
csock        :  10   12    2  1  0    3  3     35
25
ctimer       :  13   48    0  1  0    1  1   1189116
1189103
cbdata       :  41  144    0  1  0    1  1   61482
61441

```

==== Mesh SLAB Dump End =====

==== Mesh Shringbuf Begin =====

```

2021-12-08 17:12:34.732 - SC: Adding (w) RSSI CROSSING STA
18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target
selected> to queue!
2021-12-08 17:12:34.733 - SC: dispatching RSSI CROSSING task for STA
18:87:40:ZX:ZX:ZX with current RX RCPI: -80 dBm, age: 2 ms
2021-12-08 17:12:34.735 - WSS_RRM: [on_entry:187] no candidate available
2021-12-08 17:12:34.737 - SC: [handle_steering_result:776] (f) RSSI
CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -80 dBm TX -60
dBm) start 2021-12-08 17:12:34 (800948178) mode AUTO to <no target
selected> ended with NO TARGET CANDIDATE at 2021-12-08 17:12:34
(800948179) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -80 dBm TX
-60 dBm)
2021-12-08 17:12:50.417 - SC: Adding (w) OPTIMISATION TIMER STA
18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target
selected> to queue!
2021-12-08 17:12:50.417 - SC: dispatching OPTIMISATION TIMER task for STA
18:87:40:ZX:ZX:ZX with current RX RCPI: -81 dBm, age: 12684 ms
2021-12-08 17:12:53.095 - WSS_RRM: 0 measurement responses received from
18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.
2021-12-08 17:12:53.097 - WSS_select_target: [rate_link:130] Path (from
client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 191195 and TX 0

```

2021-12-08 17:12:53.097 - WSS_select_target: [rate_link:205] Path evaluation returned score of 191195 while last hop score is 191195
2021-12-08 17:12:53.098 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 41127 and TX 0
2021-12-08 17:12:53.098 - WSS_select_target: [rate_link:205] Path evaluation returned score of 41127 while last hop score is 41127
2021-12-08 17:12:53.098 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 191195 best candidate: 2C:91:AB:IX:IX:IX score: 41127
2021-12-08 17:12:53.099 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -74 dBm TX -60 dBm) start 2021-12-08 17:12:50 (800963861) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 17:12:53 (800966541) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -74 dBm TX -60 dBm)
2021-12-08 17:14:50.328 - topology_manager: Updating topology
2021-12-08 17:17:24.484 - SC: Adding (w) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 17:17:24.485 - SC: dispatching RSSI CROSSING task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -72 dBm, age: 1 ms
2021-12-08 17:17:27.162 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.
2021-12-08 17:17:27.164 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 215563 and TX 0
2021-12-08 17:17:27.164 - WSS_select_target: [rate_link:205] Path evaluation returned score of 215563 while last hop score is 215563
2021-12-08 17:17:27.165 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 42841 and TX 0
2021-12-08 17:17:27.165 - WSS_select_target: [rate_link:205] Path evaluation returned score of 42841 while last hop score is 42841
2021-12-08 17:17:27.165 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 215563 best candidate: 2C:91:AB:IX:IX:IX score: 42841
2021-12-08 17:17:27.166 - SC: [handle_steering_result:776] (f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -72 dBm TX -60 dBm) start 2021-12-08 17:17:24 (801237929) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 17:17:27 (801240609) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -72 dBm TX -60 dBm)
2021-12-08 17:19:50.332 - topology_manager: Updating topology
2021-12-08 17:21:14.423 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 17:21:14.424 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -67 dBm, age: 84082 ms
2021-12-08 17:21:18.790 - WSS_RRM: 1 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.
2021-12-08 17:21:18.792 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 243927 and TX 306327
2021-12-08 17:21:18.792 - WSS_select_target: [rate_link:205] Path evaluation returned score of 306327 while last hop score is 306327
2021-12-08 17:21:18.792 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 46583 and TX 46583
2021-12-08 17:21:18.793 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46583 while last hop score is 46583

2021-12-08 17:21:18.793 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 306327 best candidate: 2C:91:AB:IX:IX:IX score: 46583

2021-12-08 17:21:18.793 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -67 dBm TX -56 dBm) start 2021-12-08 17:21:14 (801467867) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 17:21:18 (801472236) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -67 dBm TX -56 dBm)

2021-12-08 17:24:50.336 - topology_manager: Updating topology

2021-12-08 17:27:32.427 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 17:27:32.428 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -77 dBm, age: 74971 ms

2021-12-08 17:27:33.225 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 149247 and TX 300654

2021-12-08 17:27:33.225 - WSS_select_target: [rate_link:205] Path evaluation returned score of 300654 while last hop score is 300654

2021-12-08 17:27:33.226 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 0 and TX 38606

2021-12-08 17:27:33.226 - WSS_select_target: [rate_link:205] Path evaluation returned score of 38606 while last hop score is 38606

2021-12-08 17:27:33.226 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 300654 best candidate: 2C:91:AB:IX:IX:IX score: 38606

2021-12-08 17:27:33.228 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -77 dBm TX -57 dBm) start 2021-12-08 17:27:32 (801845871) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 17:27:33 (801846670) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -77 dBm TX -57 dBm)

2021-12-08 17:29:50.339 - topology_manager: Updating topology

2021-12-08 17:31:44.431 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 17:31:44.431 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -68 dBm, age: 114084 ms

2021-12-08 17:31:47.109 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 17:31:47.110 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 238254 and TX 0

2021-12-08 17:31:47.110 - WSS_select_target: [rate_link:205] Path evaluation returned score of 238254 while last hop score is 238254

2021-12-08 17:31:47.110 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 44141 and TX 0

2021-12-08 17:31:47.110 - WSS_select_target: [rate_link:205] Path evaluation returned score of 44141 while last hop score is 44141

2021-12-08 17:31:47.110 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 238254 best candidate: 2C:91:AB:IX:IX:IX score: 44141

2021-12-08 17:31:47.110 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -68 dBm TX -57 dBm) start 2021-12-08 17:31:44 (802097875) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 17:31:47 (802100553) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -68 dBm TX -57 dBm)

2021-12-08 17:33:50.432 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 17:33:50.433 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -76 dBm, age: 34112 ms

2021-12-08 17:33:53.110 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 17:33:53.111 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 163381 and TX 0

2021-12-08 17:33:53.111 - WSS_select_target: [rate_link:205] Path evaluation returned score of 163381 while last hop score is 163381

2021-12-08 17:33:53.111 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 37601 and TX 0

2021-12-08 17:33:53.112 - WSS_select_target: [rate_link:205] Path evaluation returned score of 37601 while last hop score is 37601

2021-12-08 17:33:53.112 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 163381 best candidate: 2C:91:AB:IX:IX:IX score: 37601

2021-12-08 17:33:53.112 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -76 dBm TX -57 dBm) start 2021-12-08 17:33:50 (802223876) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 17:33:53 (802226555) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -76 dBm TX -57 dBm)

2021-12-08 17:34:50.344 - topology_manager: Updating topology

2021-12-08 17:35:56.435 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 17:35:56.435 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -70 dBm, age: 66080 ms

2021-12-08 17:36:00.758 - WSS_RRM: 1 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 17:36:00.760 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 226909 and TX 277963

2021-12-08 17:36:00.760 - WSS_select_target: [rate_link:205] Path evaluation returned score of 277963 while last hop score is 277963

2021-12-08 17:36:00.760 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 40970 and TX 43333

2021-12-08 17:36:00.760 - WSS_select_target: [rate_link:205] Path evaluation returned score of 43333 while last hop score is 43333

2021-12-08 17:36:00.760 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 277963 best candidate: 2C:91:AB:IX:IX:IX score: 43333

2021-12-08 17:36:00.761 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -70 dBm TX -61 dBm) start 2021-12-08 17:35:56 (802349879) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 17:36:00 (802354204) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -70 dBm TX -61 dBm)

2021-12-08 17:39:50.347 - topology_manager: Updating topology

2021-12-08 17:44:50.351 - topology_manager: Updating topology

2021-12-08 17:49:50.353 - topology_manager: Updating topology

2021-12-08 17:54:50.358 - topology_manager: Updating topology

2021-12-08 17:54:50.361 - topology_manager: [on_ageing_timer:2387] Node link ["nl-123", ["ni-92", ["n-1", "fritz.box"], WLAN, 2C:91:AB:IX:IX:IX, "AP:2G:0"]] <- WLAN -> ["ni-50", ["n-49", "M2010J19CG"], WLAN, 18:87:40:ZX:ZX:ZX, ""] state (DISCONNECTED) age (1129s) exceeds maximum age (900s), removing

2021-12-08 17:56:16.038 - SC: Adding (w) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 17:56:16.039 - SC: dispatching RSSI CROSSING task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -78 dBm, age: 1 ms

2021-12-08 17:56:16.157 - WSS_RRM: [on_beacon_report_response:836] 5 GHz TX RCPI from serving AP 2C:91:AB:hX:hX:hX to 18:87:40:ZX:ZX:ZX with -60 dBm is good enough or close to last attempt. Client is probably just TX power saving. Abort

2021-12-08 17:56:16.160 - SC: [handle_steering_result:776] (f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -78 dBm TX -60 dBm) start 2021-12-08 17:56:16 (803569483) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-12-08 17:56:16 (803569601) in state SEND_RRM_REQUEST on 2C:91:AB:hX:hX:hX (RX -78 dBm TX -60 dBm)

2021-12-08 17:56:56.446 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 17:56:56.446 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -78 dBm, age: 40408 ms

2021-12-08 17:56:59.123 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 17:56:59.125 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 135680 and TX 0

2021-12-08 17:56:59.125 - WSS_select_target: [rate_link:205] Path evaluation returned score of 135680 while last hop score is 135680

2021-12-08 17:56:59.125 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 26433 and TX 0

2021-12-08 17:56:59.125 - WSS_select_target: [rate_link:205] Path evaluation returned score of 26433 while last hop score is 26433

2021-12-08 17:56:59.125 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 135680 best candidate: 2C:91:AB:IX:IX:IX score: 26433

2021-12-08 17:56:59.125 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -78 dBm TX -60 dBm) start 2021-12-08 17:56:56 (803609890) mode AUTO to <no target selected> ended with NO_TARGET_CANDIDATE at 2021-12-08 17:56:59 (803612569) in state SELECT_TARGET on 2C:91:AB:hX:hX:hX (RX -78 dBm TX -60 dBm)

2021-12-08 17:59:50.362 - topology_manager: Updating topology

2021-12-08 18:00:47.769 - SC: Adding (w) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 18:00:47.769 - SC: dispatching RSSI CROSSING task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -69 dBm, age: 1 ms

2021-12-08 18:00:49.359 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 18:00:49.362 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 232582 and TX 0

2021-12-08 18:00:49.362 - WSS_select_target: [rate_link:205] Path evaluation returned score of 232582 while last hop score is 232582

2021-12-08 18:00:49.362 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 38104 and TX 0

2021-12-08 18:00:49.363 - WSS_select_target: [rate_link:205] Path evaluation returned score of 38104 while last hop score is 38104

2021-12-08 18:00:49.363 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 232582 best candidate: 2C:91:AB:IX:IX:IX score: 38104

2021-12-08 18:00:49.363 - SC: [handle_steering_result:776] (f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -69 dBm TX -60

dBm) start 2021-12-08 18:00:47 (803841214) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 18:00:49 (803842806) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -69 dBm TX -60 dBm)

2021-12-08 18:01:08.449 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 18:01:08.449 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -69 dBm, age: 20681 ms

2021-12-08 18:01:11.126 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 18:01:11.128 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 232582 and TX 0

2021-12-08 18:01:11.128 - WSS_select_target: [rate_link:205] Path evaluation returned score of 232582 while last hop score is 232582

2021-12-08 18:01:11.128 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 40192 and TX 0

2021-12-08 18:01:11.128 - WSS_select_target: [rate_link:205] Path evaluation returned score of 40192 while last hop score is 40192

2021-12-08 18:01:11.129 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 232582 best candidate: 2C:91:AB:IX:IX:IX score: 40192

2021-12-08 18:01:11.129 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -69 dBm TX -60 dBm) start 2021-12-08 18:01:08 (803861893) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 18:01:11 (803864572) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -69 dBm TX -60 dBm)

2021-12-08 18:04:50.371 - topology_manager: Updating topology

2021-12-08 18:09:50.376 - topology_manager: Updating topology

2021-12-08 18:12:57.387 - SC: Adding (w) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 18:12:57.388 - SC: dispatching RSSI CROSSING task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -77 dBm, age: 1 ms

2021-12-08 18:12:57.513 - WSS_RRM: [on_beacon_report_response:836] 5 GHz TX RCPI from serving AP 2C:91:AB:hX:hX:hX to 18:87:40:ZX:ZX:ZX with -61 dBm is good enough or close to last attempt. Client is probably just TX power saving. Abort

2021-12-08 18:12:57.515 - SC: [handle_steering_result:776] (f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -77 dBm TX -61 dBm) start 2021-12-08 18:12:57 (804570833) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-12-08 18:12:57 (804570957) in state SEND_RRM_REQUEST on 2C:91:AB:hX:hX:hX (RX -77 dBm TX -61 dBm)

2021-12-08 18:13:19.908 - SC: Adding (w) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 18:13:19.908 - SC: dispatching RSSI CROSSING task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -70 dBm, age: 1 ms

2021-12-08 18:13:20.461 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 18:13:20.462 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 226909 and TX 277963

2021-12-08 18:13:20.462 - WSS_select_target: [rate_link:205] Path evaluation returned score of 277963 while last hop score is 277963

2021-12-08 18:13:20.463 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 44042 and TX 46583

2021-12-08 18:13:20.463 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46583 while last hop score is 46583
2021-12-08 18:13:20.463 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 277963 best candidate: 2C:91:AB:IX:IX:IX score: 46583
2021-12-08 18:13:20.463 - SC: [handle_steering_result:776] (f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -70 dBm TX -61 dBm) start 2021-12-08 18:13:19 (804593354) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 18:13:20 (804593907) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -70 dBm TX -61 dBm)
2021-12-08 18:14:50.380 - topology_manager: Updating topology
2021-12-08 18:19:50.383 - topology_manager: Updating topology
2021-12-08 18:22:06.864 - SC: Adding (w) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 18:22:06.864 - SC: dispatching RSSI CROSSING task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -86 dBm, age: 1 ms
2021-12-08 18:22:07.161 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 47488 and TX 215563
2021-12-08 18:22:07.161 - WSS_select_target: [rate_link:205] Path evaluation returned score of 215563 while last hop score is 215563
2021-12-08 18:22:07.162 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 0 and TX 29782
2021-12-08 18:22:07.162 - WSS_select_target: [rate_link:205] Path evaluation returned score of 29782 while last hop score is 29782
2021-12-08 18:22:07.162 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 215563 best candidate: 2C:91:AB:IX:IX:IX score: 29782
2021-12-08 18:22:07.164 - SC: [handle_steering_result:776] (f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -86 dBm TX -72 dBm) start 2021-12-08 18:22:06 (805120309) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 18:22:07 (805120605) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -86 dBm TX -72 dBm)
2021-12-08 18:22:08.461 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 18:22:12.870 - SC: Adding (w) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 18:22:12.870 - SC: dispatching RSSI CROSSING task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -81 dBm, age: 2 ms
2021-12-08 18:22:13.026 - WSS_RRM: [on_beacon_report_response:836] 5 GHz TX RCPI from serving AP 2C:91:AB:hX:hX:hX to 18:87:40:ZX:ZX:ZX with -72 dBm is good enough or close to last attempt. Client is probably just TX power saving. Abort
2021-12-08 18:22:13.028 - SC: [handle_steering_result:776] (f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -81 dBm TX -72 dBm) start 2021-12-08 18:22:12 (805126315) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-12-08 18:22:13 (805126470) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -81 dBm TX -72 dBm)
2021-12-08 18:22:15.873 - SC: Adding (w) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 18:22:26.495 - SC: dispatching RSSI CROSSING task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -74 dBm, age: 10623 ms

2021-12-08 18:22:29.175 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 18:22:29.177 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 266618 and TX 215563

2021-12-08 18:22:29.177 - WSS_select_target: [rate_link:205] Path evaluation returned score of 215563 while last hop score is 266618

2021-12-08 18:22:29.178 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 45500 and TX 41364

2021-12-08 18:22:29.178 - WSS_select_target: [rate_link:205] Path evaluation returned score of 41364 while last hop score is 45500

2021-12-08 18:22:29.178 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 215563 best candidate: 2C:91:AB:IX:IX:IX score: 41364

2021-12-08 18:22:29.179 - SC: [handle_steering_result:776] (f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -63 dBm TX -72 dBm) start 2021-12-08 18:22:26 (805139940) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 18:22:29 (805142621) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -63 dBm TX -72 dBm)

2021-12-08 18:22:41.855 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -55 dBm, age: 10969 ms

2021-12-08 18:22:44.535 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 18:22:44.537 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0

2021-12-08 18:22:44.537 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000

2021-12-08 18:22:44.537 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 45500 and TX 0

2021-12-08 18:22:44.537 - WSS_select_target: [rate_link:205] Path evaluation returned score of 45500 while last hop score is 45500

2021-12-08 18:22:44.537 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 45500

2021-12-08 18:22:44.538 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -55 dBm TX -72 dBm) start 2021-12-08 18:22:41 (805155300) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 18:22:44 (805157981) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -55 dBm TX -72 dBm)

2021-12-08 18:24:50.388 - topology_manager: Updating topology

2021-12-08 18:26:20.463 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 18:26:20.463 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -47 dBm, age: 90068 ms

2021-12-08 18:26:23.142 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 18:26:23.145 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0

2021-12-08 18:26:23.145 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000

2021-12-08 18:26:23.145 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 46583 and TX 0

2021-12-08 18:26:23.145 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46583 while last hop score is 46583

2021-12-08 18:26:23.145 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 46583

2021-12-08 18:26:23.146 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -47 dBm TX -72 dBm) start 2021-12-08 18:26:20 (805373907) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 18:26:23 (805376589) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -47 dBm TX -72 dBm)

2021-12-08 18:29:50.392 - topology_manager: Updating topology

2021-12-08 18:34:50.397 - topology_manager: Updating topology

2021-12-08 18:39:50.401 - topology_manager: Updating topology

2021-12-08 18:43:08.473 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 18:43:08.474 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -56 dBm, age: 114647 ms

2021-12-08 18:43:11.153 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 18:43:11.155 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 306327 and TX 0

2021-12-08 18:43:11.155 - WSS_select_target: [rate_link:205] Path evaluation returned score of 306327 while last hop score is 306327

2021-12-08 18:43:11.156 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 46042 and TX 0

2021-12-08 18:43:11.156 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46042 while last hop score is 46042

2021-12-08 18:43:11.156 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 306327 best candidate: 2C:91:AB:IX:IX:IX score: 46042

2021-12-08 18:43:11.157 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -56 dBm TX -72 dBm) start 2021-12-08 18:43:08 (806381917) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 18:43:11 (806384600) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -56 dBm TX -72 dBm)

2021-12-08 18:44:50.405 - topology_manager: Updating topology

2021-12-08 18:45:14.476 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 18:45:14.476 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -50 dBm, age: 24044 ms

2021-12-08 18:45:17.154 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 18:45:17.157 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0

2021-12-08 18:45:17.157 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000

2021-12-08 18:45:17.157 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 45500 and TX 0

2021-12-08 18:45:17.157 - WSS_select_target: [rate_link:205] Path evaluation returned score of 45500 while last hop score is 45500

2021-12-08 18:45:17.158 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 45500

2021-12-08 18:45:17.158 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -50 dBm TX -72 dBm) start 2021-12-08 18:45:14 (806507920) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 18:45:17

(806510601) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -50 dBm TX -72 dBm)

2021-12-08 18:49:50.409 - topology_manager: Updating topology

2021-12-08 18:53:38.481 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 18:53:38.481 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -56 dBm, age: 34555 ms

2021-12-08 18:53:41.159 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 18:53:41.161 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 306327 and TX 0

2021-12-08 18:53:41.161 - WSS_select_target: [rate_link:205] Path evaluation returned score of 306327 while last hop score is 306327

2021-12-08 18:53:41.162 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 46042 and TX 0

2021-12-08 18:53:41.162 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46042 while last hop score is 46042

2021-12-08 18:53:41.162 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 306327 best candidate: 2C:91:AB:IX:IX:IX score: 46042

2021-12-08 18:53:41.163 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -56 dBm TX -72 dBm) start 2021-12-08 18:53:38 (807011925) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 18:53:41 (807014606) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -56 dBm TX -72 dBm)

2021-12-08 18:54:50.413 - topology_manager: Updating topology

2021-12-08 18:58:52.225 - SC: Adding (w) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 18:58:52.225 - SC: [context_is_obsolete:670] RCPI (-54dBm) is close to last optimisation attempt. Removing RSSI task for STA 18:87:40:ZX:ZX:ZX

2021-12-08 18:59:50.418 - topology_manager: Updating topology

2021-12-08 19:02:02.486 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 19:02:02.487 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -64 dBm, age: 59653 ms

2021-12-08 19:02:05.164 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 19:02:05.165 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 260945 and TX 0

2021-12-08 19:02:05.166 - WSS_select_target: [rate_link:205] Path evaluation returned score of 260945 while last hop score is 260945

2021-12-08 19:02:05.166 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 45500 and TX 0

2021-12-08 19:02:05.166 - WSS_select_target: [rate_link:205] Path evaluation returned score of 45500 while last hop score is 45500

2021-12-08 19:02:05.166 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 260945 best candidate: 2C:91:AB:IX:IX:IX score: 45500

2021-12-08 19:02:05.167 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -64 dBm TX -72 dBm) start 2021-12-08 19:02:02 (807515930) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 19:02:05 (807518610) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -64 dBm TX -72 dBm)

2021-12-08 19:04:50.423 - topology_manager: Updating topology

2021-12-08 19:06:14.491 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 19:06:14.491 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -55 dBm, age: 84060 ms
2021-12-08 19:06:14.902 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 312000
2021-12-08 19:06:14.902 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000
2021-12-08 19:06:14.902 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 0 and TX 41364
2021-12-08 19:06:14.902 - WSS_select_target: [rate_link:205] Path evaluation returned score of 41364 while last hop score is 41364
2021-12-08 19:06:14.902 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 41364
2021-12-08 19:06:14.905 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -55 dBm TX -47 dBm) start 2021-12-08 19:06:14 (807767935) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 19:06:14 (807768346) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -55 dBm TX -47 dBm)
2021-12-08 19:09:50.428 - topology_manager: Updating topology
2021-12-08 19:14:50.433 - topology_manager: Updating topology
2021-12-08 19:16:44.497 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 19:16:44.497 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -64 dBm, age: 18382 ms
2021-12-08 19:16:47.175 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.
2021-12-08 19:16:47.177 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 258046 and TX 0
2021-12-08 19:16:47.178 - WSS_select_target: [rate_link:205] Path evaluation returned score of 258046 while last hop score is 258046
2021-12-08 19:16:47.178 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 45500 and TX 0
2021-12-08 19:16:47.178 - WSS_select_target: [rate_link:205] Path evaluation returned score of 45500 while last hop score is 45500
2021-12-08 19:16:47.179 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 258046 best candidate: 2C:91:AB:IX:IX:IX score: 45500
2021-12-08 19:16:47.179 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -64 dBm TX -47 dBm) start 2021-12-08 19:16:44 (808397940) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 19:16:47 (808400622) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -64 dBm TX -47 dBm)
2021-12-08 19:19:50.438 - topology_manager: Updating topology
2021-12-08 19:20:21.810 - SC: Adding (w) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 19:20:21.810 - SC: dispatching OPTIMISATION RCPI task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -50 dBm, age: 1 ms
2021-12-08 19:20:22.335 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 312000
2021-12-08 19:20:22.335 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000

2021-12-08 19:20:22.336 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 0 and TX 45500
2021-12-08 19:20:22.336 - WSS_select_target: [rate_link:205] Path evaluation returned score of 45500 while last hop score is 45500
2021-12-08 19:20:22.336 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 45500
2021-12-08 19:20:22.339 - SC: [handle_steering_result:776] (f)
OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -50 dBm TX -39 dBm) start 2021-12-08 19:20:21 (808615255) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 19:20:22 (808615780) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -50 dBm TX -39 dBm)
2021-12-08 19:24:50.441 - topology_manager: Updating topology
2021-12-08 19:25:08.503 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 19:25:08.503 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -43 dBm, age: 18054 ms
2021-12-08 19:25:09.070 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 312000
2021-12-08 19:25:09.070 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000
2021-12-08 19:25:09.070 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 0 and TX 46583
2021-12-08 19:25:09.071 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46583 while last hop score is 46583
2021-12-08 19:25:09.071 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 46583
2021-12-08 19:25:09.073 - SC: [handle_steering_result:776] (f)
OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -43 dBm TX -40 dBm) start 2021-12-08 19:25:08 (808901947) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 19:25:09 (808902514) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -43 dBm TX -40 dBm)
2021-12-08 19:27:14.504 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 19:27:14.505 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -54 dBm, age: 7353 ms
2021-12-08 19:27:15.129 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 312000
2021-12-08 19:27:15.129 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000
2021-12-08 19:27:15.129 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 0 and TX 46042
2021-12-08 19:27:15.129 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46042 while last hop score is 46042
2021-12-08 19:27:15.129 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 46042
2021-12-08 19:27:15.132 - SC: [handle_steering_result:776] (f)
OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -54 dBm TX -38 dBm) start 2021-12-08 19:27:14 (809027948) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 19:27:15 (809028573) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -48 dBm TX -38 dBm)

2021-12-08 19:29:20.506 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 19:29:20.506 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -48 dBm, age: 11746 ms
2021-12-08 19:29:21.080 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 308533 and TX 308533
2021-12-08 19:29:21.080 - WSS_select_target: [rate_link:205] Path evaluation returned score of 308533 while last hop score is 308533
2021-12-08 19:29:21.080 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 0 and TX 46042
2021-12-08 19:29:21.080 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46042 while last hop score is 46042
2021-12-08 19:29:21.080 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 308533 best candidate: 2C:91:AB:IX:IX:IX score: 46042
2021-12-08 19:29:21.083 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -48 dBm TX -38 dBm) start 2021-12-08 19:29:20 (809153950) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 19:29:21 (809154524) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -48 dBm TX -38 dBm)
2021-12-08 19:29:50.446 - topology_manager: Updating topology
2021-12-08 19:34:50.450 - topology_manager: Updating topology
2021-12-08 19:35:38.510 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 19:35:38.511 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -41 dBm, age: 48053 ms
2021-12-08 19:35:41.189 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.
2021-12-08 19:35:41.191 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0
2021-12-08 19:35:41.191 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000
2021-12-08 19:35:41.192 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 45500 and TX 0
2021-12-08 19:35:41.192 - WSS_select_target: [rate_link:205] Path evaluation returned score of 45500 while last hop score is 45500
2021-12-08 19:35:41.192 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 45500
2021-12-08 19:35:41.193 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -41 dBm TX -38 dBm) start 2021-12-08 19:35:38 (809531954) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 19:35:41 (809534635) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -41 dBm TX -38 dBm)
2021-12-08 19:39:50.454 - topology_manager: Updating topology
2021-12-08 19:44:50.458 - topology_manager: Updating topology
2021-12-08 19:46:08.520 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 19:46:08.520 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -54 dBm, age: 6428 ms
2021-12-08 19:46:11.199 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.
2021-12-08 19:46:11.201 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0

2021-12-08 19:46:11.201 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000
2021-12-08 19:46:11.202 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 44958 and TX 0
2021-12-08 19:46:11.202 - WSS_select_target: [rate_link:205] Path evaluation returned score of 44958 while last hop score is 44958
2021-12-08 19:46:11.202 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 44958
2021-12-08 19:46:11.203 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -54 dBm TX -38 dBm) start 2021-12-08 19:46:08 (810161964) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 19:46:11 (810164646) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -54 dBm TX -38 dBm)
2021-12-08 19:49:50.463 - topology_manager: Updating topology
2021-12-08 19:50:20.523 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 19:50:20.524 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -48 dBm, age: 30053 ms
2021-12-08 19:50:23.202 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.
2021-12-08 19:50:23.204 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0
2021-12-08 19:50:23.204 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000
2021-12-08 19:50:23.204 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 45500 and TX 0
2021-12-08 19:50:23.205 - WSS_select_target: [rate_link:205] Path evaluation returned score of 45500 while last hop score is 45500
2021-12-08 19:50:23.205 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 45500
2021-12-08 19:50:23.205 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -48 dBm TX -38 dBm) start 2021-12-08 19:50:20 (810413967) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 19:50:23 (810416648) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -48 dBm TX -38 dBm)
2021-12-08 19:54:50.467 - topology_manager: Updating topology
2021-12-08 19:59:50.470 - topology_manager: Updating topology
2021-12-08 20:04:50.475 - topology_manager: Updating topology
2021-12-08 20:09:50.478 - topology_manager: Updating topology
2021-12-08 20:09:50.481 - topology_manager: [on_ageing_timer:2387] Node link ["nl-118", ["ni-92", ["n-1", "fritz.box"], WLAN, 2C:91:AB:IX:IX:IX, "AP:2G:0"] <- WLAN -> ["ni-50", ["n-49", "M2010J19CG"], WLAN, 18:87:40:ZX:ZX:ZX, ""]] state (DISCONNECTED) age (1167s) exceeds maximum age (900s), removing
2021-12-08 20:14:50.482 - topology_manager: Updating topology
2021-12-08 20:19:44.544 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 20:19:44.544 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -54 dBm, age: 67866 ms
2021-12-08 20:19:47.222 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.
2021-12-08 20:19:47.224 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0

2021-12-08 20:19:47.224 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000
2021-12-08 20:19:47.225 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 46042 and TX 0
2021-12-08 20:19:47.225 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46042 while last hop score is 46042
2021-12-08 20:19:47.225 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 46042
2021-12-08 20:19:47.226 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -54 dBm TX -38 dBm) start 2021-12-08 20:19:44 (812177988) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 20:19:47 (812180669) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -54 dBm TX -38 dBm)
2021-12-08 20:19:50.486 - topology_manager: Updating topology
2021-12-08 20:21:50.546 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 20:21:50.547 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -47 dBm, age: 120052 ms
2021-12-08 20:21:53.225 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.
2021-12-08 20:21:53.227 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0
2021-12-08 20:21:53.228 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000
2021-12-08 20:21:53.228 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 45500 and TX 0
2021-12-08 20:21:53.228 - WSS_select_target: [rate_link:205] Path evaluation returned score of 45500 while last hop score is 45500
2021-12-08 20:21:53.228 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 45500
2021-12-08 20:21:53.229 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -47 dBm TX -38 dBm) start 2021-12-08 20:21:50 (812303990) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 20:21:53 (812306672) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -47 dBm TX -38 dBm)
2021-12-08 20:24:50.490 - topology_manager: Updating topology
2021-12-08 20:28:08.550 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 20:28:08.551 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -54 dBm, age: 114018 ms
2021-12-08 20:28:11.229 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.
2021-12-08 20:28:11.231 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0
2021-12-08 20:28:11.231 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000
2021-12-08 20:28:11.232 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 46042 and TX 0
2021-12-08 20:28:11.232 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46042 while last hop score is 46042
2021-12-08 20:28:11.232 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 46042

2021-12-08 20:28:11.233 - SC: [handle_steering_result:776] (f)
OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -54 dBm TX -38 dBm) start 2021-12-08 20:28:08 (812681994) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 20:28:11 (812684676) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -54 dBm TX -38 dBm)

2021-12-08 20:29:50.494 - topology_manager: Updating topology

2021-12-08 20:30:14.553 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 20:30:14.553 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -44 dBm, age: 24052 ms

2021-12-08 20:30:17.230 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 20:30:17.232 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0

2021-12-08 20:30:17.232 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000

2021-12-08 20:30:17.233 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 46042 and TX 0

2021-12-08 20:30:17.233 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46042 while last hop score is 46042

2021-12-08 20:30:17.233 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 46042

2021-12-08 20:30:17.234 - SC: [handle_steering_result:776] (f)
OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -48 dBm TX -38 dBm) start 2021-12-08 20:30:14 (812807997) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 20:30:17 (812810677) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -48 dBm TX -38 dBm)

2021-12-08 20:34:50.498 - topology_manager: Updating topology

2021-12-08 20:39:50.502 - topology_manager: Updating topology

2021-12-08 20:42:50.560 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 20:42:50.560 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -55 dBm, age: 98324 ms

2021-12-08 20:42:53.238 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 20:42:53.240 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0

2021-12-08 20:42:53.240 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000

2021-12-08 20:42:53.240 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 45500 and TX 0

2021-12-08 20:42:53.241 - WSS_select_target: [rate_link:205] Path evaluation returned score of 45500 while last hop score is 45500

2021-12-08 20:42:53.241 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 45500

2021-12-08 20:42:53.241 - SC: [handle_steering_result:776] (f)
OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -49 dBm TX -38 dBm) start 2021-12-08 20:42:50 (813564004) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 20:42:53 (813566684) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -49 dBm TX -38 dBm)

2021-12-08 20:44:50.507 - topology_manager: Updating topology

2021-12-08 20:49:50.510 - topology_manager: Updating topology

2021-12-08 20:51:14.564 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 20:51:14.564 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -43 dBm, age: 84048 ms

2021-12-08 20:51:17.242 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 20:51:17.244 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0

2021-12-08 20:51:17.244 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000

2021-12-08 20:51:17.244 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 46042 and TX 0

2021-12-08 20:51:17.244 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46042 while last hop score is 46042

2021-12-08 20:51:17.244 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 46042

2021-12-08 20:51:17.245 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -43 dBm TX -38 dBm) start 2021-12-08 20:51:14 (814068008) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 20:51:17 (814070688) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -43 dBm TX -38 dBm)

2021-12-08 20:54:50.513 - topology_manager: Updating topology

2021-12-08 20:57:32.570 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 20:57:32.570 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -51 dBm, age: 31564 ms

2021-12-08 20:57:35.248 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 20:57:35.250 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0

2021-12-08 20:57:35.251 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000

2021-12-08 20:57:35.251 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 44958 and TX 0

2021-12-08 20:57:35.251 - WSS_select_target: [rate_link:205] Path evaluation returned score of 44958 while last hop score is 44958

2021-12-08 20:57:35.251 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 44958

2021-12-08 20:57:35.252 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -51 dBm TX -38 dBm) start 2021-12-08 20:57:32 (814446014) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 20:57:35 (814448695) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -51 dBm TX -38 dBm)

2021-12-08 20:59:50.517 - topology_manager: Updating topology

2021-12-08 21:01:44.574 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 21:01:44.575 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -44 dBm, age: 114050 ms

2021-12-08 21:01:47.252 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 21:01:47.254 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 301600 and TX 0

2021-12-08 21:01:47.254 - WSS_select_target: [rate_link:205] Path evaluation returned score of 301600 while last hop score is 301600
2021-12-08 21:01:47.255 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 46042 and TX 0
2021-12-08 21:01:47.255 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46042 while last hop score is 46042
2021-12-08 21:01:47.255 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 301600 best candidate: 2C:91:AB:IX:IX:IX score: 46042
2021-12-08 21:01:47.256 - SC: [handle_steering_result:776] (f)
OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -44 dBm TX -38 dBm) start 2021-12-08 21:01:44 (814698018) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 21:01:47 (814700699) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -44 dBm TX -38 dBm)
2021-12-08 21:03:50.576 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 21:03:50.577 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -54 dBm, age: 14760 ms
2021-12-08 21:03:53.256 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.
2021-12-08 21:03:53.258 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0
2021-12-08 21:03:53.258 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000
2021-12-08 21:03:53.258 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 45500 and TX 0
2021-12-08 21:03:53.258 - WSS_select_target: [rate_link:205] Path evaluation returned score of 45500 while last hop score is 45500
2021-12-08 21:03:53.258 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 45500
2021-12-08 21:03:53.259 - SC: [handle_steering_result:776] (f)
OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -54 dBm TX -38 dBm) start 2021-12-08 21:03:50 (814824020) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 21:03:53 (814826702) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -54 dBm TX -38 dBm)
2021-12-08 21:04:50.521 - topology_manager: Updating topology
2021-12-08 21:05:56.578 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!
2021-12-08 21:05:56.579 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -47 dBm, age: 66050 ms
2021-12-08 21:05:59.256 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.
2021-12-08 21:05:59.258 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0
2021-12-08 21:05:59.258 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000
2021-12-08 21:05:59.258 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 44958 and TX 0
2021-12-08 21:05:59.259 - WSS_select_target: [rate_link:205] Path evaluation returned score of 44958 while last hop score is 44958
2021-12-08 21:05:59.259 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 44958
2021-12-08 21:05:59.259 - SC: [handle_steering_result:776] (f)
OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -47

dBm TX -38 dBm) start 2021-12-08 21:05:56 (814950022) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 21:05:59 (814952702) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -47 dBm TX -38 dBm)

2021-12-08 21:09:50.525 - topology_manager: Updating topology

2021-12-08 21:14:50.530 - topology_manager: Updating topology

2021-12-08 21:19:50.533 - topology_manager: Updating topology

2021-12-08 21:20:38.589 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 21:20:38.590 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -53 dBm, age: 48047 ms

2021-12-08 21:20:39.092 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 312000

2021-12-08 21:20:39.092 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000

2021-12-08 21:20:39.092 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 0 and TX 46583

2021-12-08 21:20:39.092 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46583 while last hop score is 46583

2021-12-08 21:20:39.092 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 46583

2021-12-08 21:20:39.094 - SC: [handle_steering_result:776] (f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -53 dBm TX -44 dBm) start 2021-12-08 21:20:38 (815832033) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 21:20:39 (815832536) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -53 dBm TX -44 dBm)

2021-12-08 21:22:14.236 - main: [update_topology_start:162] triggered

2021-12-08 21:22:14.236 - topology_manager: Updating topology

2021-12-08 21:22:14.238 - main: [update_topology_start:166] successful

2021-12-08 21:22:16.242 - main: [update_topology_end:155] triggered

2021-12-08 21:22:16.242 - main: [update_topology_end:157] successful

2021-12-08 21:22:16.256 - main: [show_topology_according_to_filter:130] triggered

2021-12-08 21:22:16.269 - main: [show_topology_according_to_filter:137] successful

2021-12-08 21:22:16.276 - main: [show_topology_updates:189] triggered

2021-12-08 21:22:16.284 - main: [show_topology_updates:199] successful

2021-12-08 21:22:16.294 - main: [show_cumulative_updates:210] triggered

2021-12-08 21:22:16.326 - main: [show_cumulative_updates:231] successful

2021-12-08 21:22:16.338 - main: [show_topology_stats:480] triggered

2021-12-08 21:22:16.338 - main: [show_topology_stats:487] successful

2021-12-08 21:24:50.538 - topology_manager: Updating topology

2021-12-08 21:24:50.591 - SC: Adding (w) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX mode AUTO to <no target selected> to queue!

2021-12-08 21:24:50.592 - SC: dispatching OPTIMISATION TIMER task for STA 18:87:40:ZX:ZX:ZX with current RX RCPI: -60 dBm, age: 124841 ms

2021-12-08 21:24:53.271 - WSS_RRM: 0 measurement responses received from 18:87:40:ZX:ZX:ZX. Falling back to other-band estimation.

2021-12-08 21:24:53.272 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:hX:hX:hX <-> 18:87:40:ZX:ZX:ZX scored RX 312000 and TX 0

2021-12-08 21:24:53.273 - WSS_select_target: [rate_link:205] Path evaluation returned score of 312000 while last hop score is 312000

2021-12-08 21:24:53.273 - WSS_select_target: [rate_link:130] Path (from client) 2C:91:AB:IX:IX:IX <-> 18:87:40:ZX:ZX:ZX scored RX 46583 and TX 0

2021-12-08 21:24:53.273 - WSS_select_target: [rate_link:205] Path evaluation returned score of 46583 while last hop score is 46583
2021-12-08 21:24:53.273 - WSS_select_target: [select_target:376] No better link for STA 18:87:40:ZX:ZX:ZX in 1 viable options. current link score: 312000 best candidate: 2C:91:AB:IX:IX:IX score: 46583
2021-12-08 21:24:53.274 - SC: [handle_steering_result:776] (f)
OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -51 dBm TX -44 dBm) start 2021-12-08 21:24:50 (816084036) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 21:24:53 (816086717) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -51 dBm TX -44 dBm)
2021-12-08 21:29:50.540 - topology_manager: Updating topology
2021-12-08 21:30:41.697 - main: [update_topology_start:162] triggered
2021-12-08 21:30:41.697 - topology_manager: Updating topology
2021-12-08 21:30:41.699 - main: [update_topology_start:166] successful
2021-12-08 21:30:43.703 - main: [update_topology_end:155] triggered
2021-12-08 21:30:43.704 - main: [update_topology_end:157] successful
2021-12-08 21:30:43.717 - main: [show_topology_according_to_filter:130] triggered
2021-12-08 21:30:43.730 - main: [show_topology_according_to_filter:137] successful
2021-12-08 21:30:43.738 - main: [show_topology_updates:189] triggered
2021-12-08 21:30:43.746 - main: [show_topology_updates:199] successful
2021-12-08 21:30:43.756 - main: [show_cumulative_updates:210] triggered
2021-12-08 21:30:43.785 - main: [show_cumulative_updates:231] successful
2021-12-08 21:30:43.796 - main: [show_topology_stats:480] triggered
2021-12-08 21:30:43.796 - main: [show_topology_stats:487] successful
==== Mesh Shringbuf End ====
==== Steering History Dump Begin ====
STA 18:87:40:ZX:ZX:ZX steering history:
(f) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -53 dBm TX -41 dBm) start 2021-12-05 18:47:38 (547451645) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-05 18:47:38 (547452199) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -53 dBm TX -41 dBm)
(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -43 dBm TX -43 dBm) start 2021-12-05 20:19:59 (552993101) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-05 20:20:02 (552995781) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -43 dBm TX -43 dBm)
(f) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:IX:IX:IX (RX -48 dBm) start 2021-12-05 20:52:39 (554952587) mode BTM to 2C:91:AB:hX:hX:hX (RX -60 dBm) ended with BTM REJECTS at 2021-12-05 20:52:42 (554956221) in state SEND BTM REQUEST on 2C:91:AB:IX:IX:IX (RX -48 dBm)
(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -97 dBm) start 2021-12-05 21:07:18 (555832378) mode BTM to 2C:91:AB:IX:IX:IX (RX -85 dBm) ended with BTM REJECTS at 2021-12-05 21:07:21 (555835095) in state SEND BTM REQUEST on 2C:91:AB:hX:hX:hX (RX -97 dBm)
(f) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -44 dBm TX -34 dBm) start 2021-12-05 21:56:03 (558757289) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-05 21:56:04 (558757670) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -44 dBm TX -34 dBm)
(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -67 dBm TX -44 dBm) start 2021-12-05 22:45:25 (561719105) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-12-05 22:45:25 (561719226) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -67 dBm TX -44 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -47 dBm TX -44 dBm) start 2021-12-05 23:01:41 (562695206) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-05 23:01:44 (562697888) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -47 dBm TX -44 dBm)

(f) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -52 dBm TX -34 dBm) start 2021-12-06 08:15:58 (595952338) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-06 08:15:59 (595952572) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -52 dBm TX -34 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -74 dBm TX -57 dBm) start 2021-12-06 09:00:21 (598615094) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-06 09:00:22 (598615481) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -74 dBm TX -57 dBm)

(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -71 dBm TX -69 dBm) start 2021-12-06 09:21:18 (599872000) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-06 09:21:18 (599872000) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -71 dBm TX -69 dBm)

(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -73 dBm TX -65 dBm) start 2021-12-06 10:49:33 (605166546) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-06 10:49:34 (605168080) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -73 dBm TX -65 dBm)

(f) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -52 dBm TX -43 dBm) start 2021-12-06 10:51:03 (605256617) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-06 10:51:05 (605259179) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -52 dBm TX -43 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -51 dBm TX -43 dBm) start 2021-12-06 14:50:54 (619647816) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-06 14:50:57 (619650498) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -51 dBm TX -43 dBm)

(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -66 dBm TX -46 dBm) start 2021-12-06 17:21:57 (628710903) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-12-06 17:21:57 (628711022) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -66 dBm TX -46 dBm)

(f) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -50 dBm TX -41 dBm) start 2021-12-06 18:04:44 (631277843) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-06 18:04:45 (631278750) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -50 dBm TX -41 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -47 dBm TX -44 dBm) start 2021-12-06 21:21:30 (643084080) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-06 21:21:33 (643086761) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -47 dBm TX -44 dBm)

(f) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -50 dBm TX -37 dBm) start 2021-12-06 21:23:23 (643197406) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-06 21:23:25 (643199337) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -50 dBm TX -37 dBm)

(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -66 dBm TX -45 dBm) start 2021-12-06 21:46:42 (644595667) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-12-06 21:46:42 (644595791) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -66 dBm TX -45 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -62 dBm TX -47 dBm) start 2021-12-07 03:20:36 (664630328) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-07 03:20:37 (664631012) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -62 dBm TX -47 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:IX:IX:IX (RX -59 dBm TX -63 dBm) start 2021-12-07 03:24:48 (664882331) mode BTM to 2C:91:AB:hX:hX:hX (RX -71 dBm TX -75 dBm) ended with SUCCESS at 2021-12-07 03:24:51 (664885289) in state WAIT FOR CONNECT on 2C:91:AB:hX:hX:hX (RX -54 dBm TX -75 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -54 dBm TX -51 dBm) start 2021-12-07 03:26:54 (665008333) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-07 03:26:59 (665012601) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -54 dBm TX -51 dBm)

(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -71 dBm TX -50 dBm) start 2021-12-07 03:38:27 (665701329) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-12-07 03:38:28 (665701450) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -71 dBm TX -50 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -55 dBm TX -51 dBm) start 2021-12-07 09:21:49 (686302584) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-07 09:21:51 (686305263) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -55 dBm TX -51 dBm)

(f) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -54 dBm TX -36 dBm) start 2021-12-07 12:03:15 (695988708) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-07 12:03:15 (695989424) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -54 dBm TX -36 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -79 dBm TX -72 dBm) start 2021-12-07 14:32:46 (704960135) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-07 14:32:47 (704960567) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -79 dBm TX -72 dBm)

(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -93 dBm TX -87 dBm) start 2021-12-07 14:33:33 (705006671) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-07 14:33:33 (705007379) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -93 dBm TX -87 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -93 dBm TX -87 dBm) start 2021-12-07 14:34:43 (705076793) mode BTM to 2C:91:AB:IX:IX:IX (RX -81 dBm TX -84 dBm) ended with TIMEOUT at 2021-12-07 14:34:56 (705089473) in state SEND BTM REQUEST on 2C:91:AB:hX:hX:hX (RX -88 dBm TX -87 dBm)

(f) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -46 dBm TX -32 dBm) start 2021-12-07 20:50:55 (727649174) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-07 20:50:55 (727649409) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -46 dBm TX -32 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -67 dBm TX -55 dBm) start 2021-12-07 21:38:55 (730529071) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-07 21:38:55 (730529300) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -67 dBm TX -55 dBm)

(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -68 dBm TX -56 dBm) start 2021-12-07 21:42:50 (730764095) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-12-07 21:42:50 (730764327) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -68 dBm TX -56 dBm)

(f) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:IX:IX:IX (RX - 50 dBm) start 2021-12-07 21:58:59 (731732479) mode BTM to 2C:91:AB:hX:hX:hX (RX -62 dBm) ended with BTM REJECTS at 2021-12-07 21:59:01 (731735212) in state SEND BTM REQUEST on 2C:91:AB:IX:IX:IX (RX - 50 dBm)

(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -68 dBm TX -55 dBm) start 2021-12-08 03:41:40 (752294374) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-12-08 03:41:41 (752294726) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -68 dBm TX -55 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX - 61 dBm TX -55 dBm) start 2021-12-08 03:46:25 (752579322) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 03:46:26 (752579864) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -61 dBm TX - 55 dBm)

(f) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:IX:IX:IX (RX - 53 dBm TX -44 dBm) start 2021-12-08 04:02:17 (753531205) mode BTM to 2C:91:AB:hX:hX:hX (TX -56 dBm) ended with SUCCESS at 2021-12-08 04:02:18 (753531618) in state WAIT FOR CONNECT on 2C:91:AB:hX:hX:hX (RX -59 dBm TX -56 dBm)

(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -73 dBm TX -54 dBm) start 2021-12-08 04:02:58 (753571824) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-12-08 04:02:58 (753571939) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -73 dBm TX -54 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX - 63 dBm TX -59 dBm) start 2021-12-08 09:56:02 (774755576) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 09:56:03 (774757223) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -63 dBm TX - 59 dBm)

(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -68 dBm TX -59 dBm) start 2021-12-08 09:59:27 (774961365) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-12-08 09:59:28 (774961536) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -68 dBm TX -59 dBm)

(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -73 dBm TX -58 dBm) start 2021-12-08 14:06:38 (789791453) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-12-08 14:06:38 (789791582) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -73 dBm TX -58 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX - 71 dBm TX -57 dBm) start 2021-12-08 16:01:26 (796679815) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 16:01:27 (796680498) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -71 dBm TX - 57 dBm)

(f) RSSI CROSSING STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX -63 dBm TX -72 dBm) start 2021-12-08 18:22:26 (805139940) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 18:22:29 (805142621) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -63 dBm TX - 72 dBm)

(f) OPTIMISATION RCPI STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX - 50 dBm TX -39 dBm) start 2021-12-08 19:20:21 (808615255) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 19:20:22 (808615780) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -50 dBm TX - 39 dBm)

(f) OPTIMISATION TIMER STA 18:87:40:ZX:ZX:ZX from 2C:91:AB:hX:hX:hX (RX - 51 dBm TX -44 dBm) start 2021-12-08 21:24:50 (816084036) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-12-08 21:24:53 (816086717) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -51 dBm TX - 44 dBm)

STA CC:4B:73:iX:iX:iX steering history:
STA EA:77:26:yX:yX:yX steering history:
(f) RSSI CROSSING STA EA:77:26:yX:yX:yX from 2C:91:AB:IX:IX:IX (RX -81 dBm TX -63 dBm) start 2021-11-30 13:45:25 (97319127) mode AUTO to <no target selected> ended with STA DISCONNECTED at 2021-11-30 13:45:26 (97320271) in state SEND RRM REQUEST
(f) OPTIMISATION TIMER STA EA:77:26:yX:yX:yX from 2C:91:AB:hX:hX:hX (RX -78 dBm TX -71 dBm) start 2021-11-30 14:05:12 (98506229) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-11-30 14:05:14 (98507796) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -78 dBm TX -71 dBm)
(f) RSSI CROSSING STA EA:77:26:yX:yX:yX from 2C:91:AB:hX:hX:hX (RX -73 dBm TX -64 dBm) start 2021-11-30 14:06:13 (98566478) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-11-30 14:06:13 (98567187) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -73 dBm TX -64 dBm)
(f) RSSI CROSSING STA EA:77:26:yX:yX:yX from 2C:91:AB:hX:hX:hX (RX -91 dBm TX -64 dBm) start 2021-11-30 14:07:05 (98618517) mode BTM to 2C:91:AB:IX:IX:IX (RX -79 dBm TX -52 dBm) ended with TIMEOUT at 2021-11-30 14:07:15 (98628952) in state SEND BTM REQUEST on 2C:91:AB:hX:hX:hX (RX -91 dBm TX -64 dBm)
(f) OPTIMISATION TIMER STA EA:77:26:yX:yX:yX from 2C:91:AB:hX:hX:hX (RX -91 dBm TX -64 dBm) start 2021-11-30 14:07:31 (98644913) mode BTM to 2C:91:AB:IX:IX:IX (RX -79 dBm TX -52 dBm) ended with TIMEOUT at 2021-11-30 14:07:44 (98657596) in state SEND BTM REQUEST on 2C:91:AB:hX:hX:hX (RX -91 dBm TX -64 dBm)
STA 92:6A:9B:XX:XX:XX steering history:
STA 0A:E8:85:YX:YX:YX steering history:
(f) RSSI CROSSING STA 0A:E8:85:YX:YX:YX from 2C:91:AB:IX:IX:IX (RX -67 dBm TX -62 dBm) start 2021-11-30 13:48:07 (97480502) mode AUTO to <no target selected> ended with NO 5 GHZ at 2021-11-30 13:48:07 (97481010) in state ESTIMATE RSSI on 2C:91:AB:IX:IX:IX (RX -67 dBm TX -62 dBm)
(f) RSSI CROSSING STA 0A:E8:85:YX:YX:YX from 2C:91:AB:hX:hX:hX (RX -74 dBm TX -72 dBm) start 2021-11-30 13:48:19 (97492596) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-11-30 13:48:19 (97493012) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -74 dBm TX -72 dBm)
(f) RSSI CROSSING STA 0A:E8:85:YX:YX:YX from 2C:91:AB:hX:hX:hX (RX -74 dBm TX -65 dBm) start 2021-11-30 14:02:31 (98344486) mode AUTO to <no target selected> ended with TX_MEASUREMENT_GOOD at 2021-11-30 14:02:31 (98344759) in state SEND RRM REQUEST on 2C:91:AB:hX:hX:hX (RX -74 dBm TX -65 dBm)
(f) OPTIMISATION TIMER STA 0A:E8:85:YX:YX:YX from 2C:91:AB:hX:hX:hX (RX -72 dBm TX -69 dBm) start 2021-11-30 14:05:12 (98506228) mode AUTO to <no target selected> ended with NO TARGET CANDIDATE at 2021-11-30 14:05:13 (98507076) in state SELECT TARGET on 2C:91:AB:hX:hX:hX (RX -72 dBm TX -69 dBm)
(f) RSSI CROSSING STA 0A:E8:85:YX:YX:YX from 2C:91:AB:hX:hX:hX (RX -93 dBm TX -69 dBm) start 2021-11-30 14:06:53 (98606509) mode BTM to 2C:91:AB:IX:IX:IX (RX -81 dBm TX -91 dBm) ended with TIMEOUT at 2021-11-30 14:07:05 (98619191) in state SEND BTM REQUEST on 2C:91:AB:hX:hX:hX (RX -93 dBm TX -69 dBm)
(f) OPTIMISATION TIMER STA 0A:E8:85:YX:YX:YX from 2C:91:AB:hX:hX:hX (RX -93 dBm TX -69 dBm) start 2021-11-30 14:07:18 (98632230) mode BTM to 2C:91:AB:IX:IX:IX (RX -81 dBm TX -91 dBm) ended with TIMEOUT at 2021-11-30 14:07:31 (98644911) in state SEND BTM REQUEST on 2C:91:AB:hX:hX:hX (RX -93 dBm TX -69 dBm)
STA E6:41:C5:JX:JX:JX steering history:
(f) OPTIMISATION TIMER STA E6:41:C5:JX:JX:JX from 2C:91:AB:IX:IX:IX (RX -65 dBm) start 2021-11-30 13:48:24 (97498212) mode AUTO to <no target

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selected> ended with NO 5 GHZ at 2021-11-30 13:48:24 (97498213) in state
ESTIMATE RSSI on 2C:91:AB:IX:IX:IX (RX -65 dBm)
(f) RSSI CROSSING STA E6:41:C5:JX:JX:JX from 2C:91:AB:IX:IX:IX (RX -67
dBm) start 2021-11-30 13:48:34 (97507631) mode AUTO to <no target
selected> ended with NO 5 GHZ at 2021-11-30 13:48:34 (97507632) in state
ESTIMATE RSSI on 2C:91:AB:IX:IX:IX (RX -67 dBm)
STA 00:08:22:xX:xX:xX steering history:
(f) OPTIMISATION TIMER STA 00:08:22:xX:xX:xX from 2C:91:AB:IX:IX:IX (RX -
55 dBm) start 2021-11-30 23:58:57 (134131044) mode AUTO to <no target
selected> ended with NO 5 GHZ at 2021-11-30 23:58:57 (134131044) in state
ESTIMATE RSSI on 2C:91:AB:IX:IX:IX (RX -55 dBm)
(f) OPTIMISATION RCPI STA 00:08:22:xX:xX:xX from 2C:91:AB:IX:IX:IX (RX -
50 dBm) start 2021-12-01 00:03:14 (134388068) mode AUTO to <no target
selected> ended with NO 5 GHZ at 2021-12-01 00:03:14 (134388068) in state
ESTIMATE RSSI on 2C:91:AB:IX:IX:IX (RX -50 dBm)
(f) OPTIMISATION TIMER STA 00:08:22:xX:xX:xX from 2C:91:AB:IX:IX:IX (RX -
49 dBm) start 2021-12-01 00:27:33 (135847268) mode AUTO to <no target
selected> ended with NO 5 GHZ at 2021-12-01 00:27:33 (135847268) in state
ESTIMATE RSSI on 2C:91:AB:IX:IX:IX (RX -49 dBm)
STA 00:08:22:zX:zX:zX steering history:
(f) OPTIMISATION TIMER STA 00:08:22:zX:zX:zX from 2C:91:AB:IX:IX:IX (RX -
47 dBm) start 2021-12-01 23:44:58 (219692388) mode AUTO to <no target
selected> ended with NO 5 GHZ at 2021-12-01 23:44:58 (219692388) in state
ESTIMATE RSSI on 2C:91:AB:IX:IX:IX (RX -47 dBm)
STA 00:08:22:jX:jX:jX steering history:
(f) OPTIMISATION TIMER STA 00:08:22:jX:jX:jX from 2C:91:AB:IX:IX:IX (RX -
55 dBm) start 2021-12-02 23:32:43 (305357158) mode AUTO to <no target
selected> ended with NO 5 GHZ at 2021-12-02 23:32:43 (305357158) in state
ESTIMATE RSSI on 2C:91:AB:IX:IX:IX (RX -55 dBm)
STA 00:08:22:GX:GX:GX steering history:
(f) OPTIMISATION TIMER STA 00:08:22:GX:GX:GX from 2C:91:AB:IX:IX:IX (RX -
57 dBm) start 2021-12-06 20:18:13 (639286629) mode AUTO to <no target
selected> ended with NO 5 GHZ at 2021-12-06 20:18:13 (639286629) in state
ESTIMATE RSSI on 2C:91:AB:IX:IX:IX (RX -57 dBm)
STA 00:08:22:gX:gX:gX steering history:
(f) OPTIMISATION RCPI STA 00:08:22:gX:gX:gX from 2C:91:AB:IX:IX:IX (RX -
54 dBm) start 2021-12-07 21:49:12 (731145571) mode AUTO to <no target
selected> ended with NO 5 GHZ at 2021-12-07 21:49:12 (731145572) in state
ESTIMATE RSSI on 2C:91:AB:IX:IX:IX (RX -54 dBm)
(f) OPTIMISATION TIMER STA 00:08:22:gX:gX:gX from 2C:91:AB:IX:IX:IX (RX -
45 dBm) start 2021-12-07 22:01:13 (731866468) mode AUTO to <no target
selected> ended with NO 5 GHZ at 2021-12-07 22:01:13 (731866468) in state
ESTIMATE RSSI on 2C:91:AB:IX:IX:IX (RX -45 dBm)
(f) OPTIMISATION RCPI STA 00:08:22:gX:gX:gX from 2C:91:AB:IX:IX:IX (RX -
41 dBm) start 2021-12-07 22:04:05 (732038501) mode AUTO to <no target
selected> ended with NO 5 GHZ at 2021-12-07 22:04:05 (732038502) in state
ESTIMATE RSSI on 2C:91:AB:IX:IX:IX (RX -41 dBm)
(f) OPTIMISATION TIMER STA 00:08:22:gX:gX:gX from 2C:91:AB:IX:IX:IX (RX -
56 dBm) start 2021-12-07 22:06:31 (732184932) mode AUTO to <no target
selected> ended with NO 5 GHZ at 2021-12-07 22:06:31 (732184932) in state
ESTIMATE RSSI on 2C:91:AB:IX:IX:IX (RX -56 dBm)
===== Steering History Dump End =====
===== Mesh KPI Dump Begin =====
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==== Mesh KPI Dump End ====

END SECTION Meshd

END SECTION Diagnosis_Data

End Of Diagnosis Data