

```
*****
7/16/2015 18:31:50 PM Target: 94:b4:0f:c3:f8:44 Command: show log system
*****

Jul 16 18:21:18 syslog: <341005> <ERRS> |AP 94:b4:0f:c3:f8:44: | terminal access is enabled but dropbear is not running, starting
Jul 16 18:21:21 nanny[1490]: <303022> <WARN> |AP 94:b4:0f:c3:f8:44: | Reboot Reason: AP rebooted Thu Jul 16 18:19:43 UTC 2015; UI cmd at uptime 0D 6
Jul 16 18:21:35 cli[1566]: <341317> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Regulatory table file init at version 1.0_49986, build May 11,20
Jul 16 18:21:35 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Extended ssid enabled
Jul 16 18:21:35 cli[1566]: <341207> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| AP support up to 16 SSID.
Jul 16 18:21:36 cli[1566]: <341172> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Find enet0 name bond0.
Jul 16 18:21:36 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| cli starting, clearing any dpimgr
Jul 16 18:21:37 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| cli_choose_eth_uplink:eth current uplink set to DHCP
Jul 16 18:21:37 cli[1566]: <341169> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Add uplink Ethernet 0.
Jul 16 18:21:37 cli[1566]: <341167> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Uplink bond0 type Ethernet, state INIT->LOAD.
Jul 16 18:21:37 cli[1566]: <341169> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Add uplink Wifi-sta 6.
Jul 16 18:21:37 cli[1566]: <341169> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Add uplink 3G/4G 7.
Jul 16 18:21:37 cli[1566]: <341167> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Uplink type Dummy, state INIT->LOAD.
Jul 16 18:21:37 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| receive sapd hello for process recovery
Jul 16 18:21:38 cli[1566]: <341174> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| No current uplink, pick the highest one - Ethernet bond0.
Jul 16 18:21:38 cli[1566]: <341263> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| enable uplink bond0.
Jul 16 18:21:38 cli[1566]: <341167> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Uplink bond0 type Ethernet, state LOAD->PROBE.
Jul 16 18:21:38 cli[1566]: <341265> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| enable ethernet uplink bond0.
Jul 16 18:21:38 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| the ethernet uplink inuse in first time, get ip address.
Jul 16 18:21:38 cli[1566]: <341167> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Uplink bond0 type Ethernet, state PROBE->UP.
Jul 16 18:21:38 cli[1566]: <341185> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Retrieving ip address from br0, ip 10.253.51.105, mask 255.255.2
Jul 16 18:21:38 cli[1566]: <341274> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Update election ip from br0, election ip 10.253.51.105/255.255.2
Jul 16 18:21:38 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| build_my_ip_address: old ip and new ip same; skipping
Jul 16 18:21:38 cli[1566]: <341006> <CRIT> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Sending uplink up msg to sapd
Jul 16 18:21:38 cli[1566]: <341006> <CRIT> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| trap uplink info.
Jul 16 18:21:38 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| last uplink is null, it's the first uplink, ignore this trap.
Jul 16 18:21:38 cli[1566]: <341173> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Current uplink set to Ethernet, state UP.
Jul 16 18:21:38 cli[1566]: <341135> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Master Changed - new 127.0.0.1 old 0.0.0.0 current swarm state 6
Jul 16 18:21:39 cli[1566]: <341135> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Master Changed - new 127.0.0.1 old 0.0.0.0 current swarm state 1
Jul 16 18:21:42 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Swarm State Change from Found to Image-ok
Jul 16 18:21:47 cli[1566]: <341194> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Loading configuration, func swarm_timer_handler, line 8414.

Jul 16 18:21:52 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Not enabling factory SSID
Jul 16 18:21:54 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Swarm State Change from Image-ok to Complete
Jul 16 18:23:54 cli[1566]: <341005> <ERRS> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| APAS provision timed out
Jul 16 18:24:03 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Activate failed, enabling factory SSID
Jul 16 18:25:57 cli[1566]: <341005> <ERRS> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Failed to connect to Activate: unknown error number
Jul 16 18:30:03 cli[1566]: <341005> <ERRS> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Failed to connect to Activate: unknown error number

*****
7/16/2015 18:30:13 PM Target: 94:b4:0f:c3:f8:44 Command: show tech-support
*****

show clock

Current Time :2015-07-16 18:29:55
end of show clock
=====

show cpu
total: user 0% nice 1% system 0% idle 98% io 0% irq 0% softirq 1%
end of show cpu
=====

show cpu details
Mem: 76548K used, 49276K free, 0K shrd, 0K buff, 25524K cached
Load average: 1.12 1.17 0.68 (Status: S=sleeping R=running, W=waiting)
  PID USER STATUS RSS PPID %CPU %MEM COMMAND
  2354 root R < 360 2353 2.9 0.2 top
  1566 root S < 12252 1490 0.0 9.7 cli
  1576 root R N 4000 1490 0.0 3.1 sapd
  1589 root S < 2304 1490 0.0 1.8 mdns
  1578 root S < 2224 1490 0.0 1.7 stm
  1586 root S < 2156 1490 0.0 1.7 snmpd_sap
  1944 root S < 1872 1490 0.0 1.4 radiusd-term
  1869 root S < 1860 1490 0.0 1.4 radiusd
  1551 root S N 1704 1490 0.0 1.3 awc
  1592 root S < 1324 1490 0.0 1.0 lldpd
  1499 root S 1208 1490 0.0 0.9 tinyproxy
  2348 root S < 1136 1393 0.0 0.9 mini_httpd
  1490 root S < 1128 1 0.0 0.8 nanny
  1593 root S < 1032 1490 0.0 0.8 rfd
  1506 root S 992 1499 0.0 0.7 tinyproxy
  1504 root S 988 1499 0.0 0.7 tinyproxy
  1503 root S 988 1499 0.0 0.7 tinyproxy
  1502 root S 988 1499 0.0 0.7 tinyproxy
  1501 root S 988 1499 0.0 0.7 tinyproxy
  1505 root S 988 1499 0.0 0.7 tinyproxy
  1390 root S < 740 1 0.0 0.5 mini_httpd

end of show cpu details
=====

show summary support

Name :instant-C3:F8:44
System Location :
Domain :TR
VC IP Address :10.253.51.5
VC VLAN :503
VC Mask :255.255.255.0
VC Gateway :10.253.51.1
Content Filtering :disable
Terminal Access :enable
Telnet Server :disable
Organization :
```

```
Airwave Server      :
Airwave Backup Server:
Airwave Prov Backup :
Number of VC transition :0
Airwave Shared Key  :6a274bc09eccf05550e3fb073fe9d390
Airwave Config Via  :DHCP
Airwave             :Not Set Up
Aruba Central Server:
Aruba Central       :Not Set Up
Managed Via        :Local
Syslog Server       :0.0.0.0
Syslog Level        :warn
Band               :all
Master IP Address   *:10.253.51.105
IP Address          :10.253.51.105
Netmask            :255.255.255.0
Gateway            :10.253.51.1
NameServer         :10.253.58.15
DNSDomain          :capitalbank.kz
Master Key         :2d510c4201bec4b0c7cac42459c6432d617f6a808e9591ad7e
Elected Time      :8m:14s
Dynamic Radius Proxy:disable
NTP Server         :10.253.58.50
Configuration Dirty:disable
Allow New APs      :enable
Classification     :disable
Wireless Containment:disable
Wired Containment  :disable
Rogue Containment  :disable
LED Off           :disable
AppRF Visibility   :disable
Image Server State :error
Image Server Message:unknown
New Image Version  :
New Image URL      :
Factory SSID       :instant
Image Sync Via     :Master
Client Alerts      :0
Active Faults      :0
Fault History      :0
Usb Support        :NO
Serial Number      :CU0135915
OpenDNS Status     :Not connected
TFTP Dump Server   :0.0.0.0
Extended SSID      :enable
Inactivity-ap-timeout:60
Config Sync Status :TRUE
VPN Status         :Not Set Up
Mobility Access Switch Integration :disable
Deny inter user bridging :disable
Deny local routing :disable
Support Connection Status :Not Connected
Dynamic CPU Management:auto
Restrict Corporate Access:disable
2 Clients
```

MAC	Name	IP Address	Network	Access Point
e0:b9:a5:a7:de:e9	Jan-PC	172.31.99.188	instant	94:b4:0f:c3:f8:44
5c:2e:59:2b:e7:77	android-25cd4dfb7eda6b74	172.31.99.2	instant	94:b4:0f:c3:f8:44

1 Network

Key	Name	Clients	Status	Type
instant	instant	2	Enabled	employee

1 Access Point

MAC	IP Address	Name	Clients	Need Antenna Config
94:b4:0f:c3:f8:44	10.253.51.105	94:b4:0f:c3:f8:44	2	No

Restricted Management Access Subnets

Subnet	IP Address	Subnet Mask
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RADIUS Servers

Name	IP Address	Port	Key
InternalServer	127.0.0.1	1616	4dd22fdf683b81bc7447b97ee08ac56976cf5e034dd0fcdf5ddda5e6910adeec72573f6dd4d14b457b570573d3c179c41ed953c20982b9df37e7

RTLS Servers

Type	IP Address	Port	Key	Frequency	Include Unassociated Stations
Aeroscout	0.0.0.0	0			disable
Airwave	0.0.0.0	0	8b45dc90d4c9937516f01b96c0476af5	0	disable

1 AP Class

Name	APs
Pegasus 1	
Uplink type	:Ethernet
Uplink status	:UP
Manual Blacklist Count	:0
Dyn Blacklist Count	:0
Certificate Installed	:No
Internal Radius Users	:0
Internal Guest Users	:0
Internal User Open Slots	:512
PAN Firewall Port	:443
PAN Firewall Status	:Disabled
Auto save	:Enabled
Stats Sample Cnt	:15
Stats Interval	:30
Info timestamp	:574

```
end of show summary support
=====

show version
Aruba Operating System Software.
ArubaOS (MODEL: 103), Version 6.4.2.6-4.1.1.7
Website: http://www.arubanetworks.com
Copyright (c) 2002-2015, Aruba Networks, Inc.
Compiled on 2015-05-27 at 08:48:15 PDT (build 50209) by p4build

AP uptime is 9 minutes 36 seconds
Reboot Time and Cause: AP rebooted Thu Jul 16 18:19:43 UTC 2015; UI cmd at uptime 00 0H 6M 28S: reload
end of show version
=====

show running-config
version 6.4.2.0-4.1.1
virtual-controller-country TR
virtual-controller-key 2d510c4201bec4b0c7cac42459c6432d617f6a808e9591ad7e
name instant-C3:F8:44
virtual-controller-ip 10.253.51.5
virtual-controller-vlan 503 255.255.255.0 10.253.51.1
terminal-access
ntp-server 10.253.58.50
clock timezone Astana 06 00
rf-band all

allow-new-aps
allowed-ap 94:b4:0f:c3:f8:44

arm
wide-bands 5ghz
80mhz-support
min-tx-power 18
max-tx-power 127
band-steering-mode prefer-5ghz
air-time-fairness-mode fair-access
client-aware
scanning

syslog-level warn ap-debug
syslog-level warn network
syslog-level warn security
syslog-level warn system
syslog-level warn user
syslog-level warn user-debug
syslog-level warn wireless

extended-ssid

mgmt-user admin a0c2133b56d10a5af05145d20630215f

wlan access-rule instant
index 0
rule masterip 0.0.0.0 match tcp 80 80 permit
rule masterip 0.0.0.0 match tcp 4343 4343 permit
rule any any match udp 67 68 permit
rule any any match udp 53 53 permit

wlan access-rule default_wired_port_profile
index 1
rule any any match any any any permit

wlan access-rule wired-instant
index 2
rule masterip 0.0.0.0 match tcp 80 80 permit
rule masterip 0.0.0.0 match tcp 4343 4343 permit
rule any any match udp 67 68 permit
rule any any match udp 53 53 permit

wlan ssid-profile instant
enable
index 0
type employee
ssid instant
opmode opensystem
max-authentication-failures 0
vlan guest
rf-band 2.4
captive-portal disable
dtim-period 1
inactivity-timeout 1000
broadcast-filter none
dmo-channel-utilization-threshold 90
local-probe-req-thresh 0
max-clients-threshold 64

auth-survivability cache-time-out 24

wlan external-captive-portal
server localhost
port 80
url "/"
auth-text "Authenticated"
auto-whitelist-disable
```

```
https

blacklist-time 3600
auth-failure-blacklist-time 3600

ids
wireless-containment none

wired-port-profile wired-instant
switchport-mode access
allowed-vlan all
native-vlan guest
no shutdown
access-rule-name wired-instant
speed auto
duplex auto
no poe
type guest
captive-portal disable
no dot1x
inactivity-timeout 1000

wired-port-profile default_wired_port_profile
switchport-mode trunk
allowed-vlan all
native-vlan 1
shutdown
access-rule-name default_wired_port_profile
speed auto
duplex full
no poe
type employee
captive-portal disable
no dot1x
inactivity-timeout 1000

enet0-port-profile default_wired_port_profile

uplink
preemption
enforce none
failover-internet-pkt-lost-cnt 10
failover-internet-pkt-send-freq 30
failover-vpn-timeout 180

airgroup
disable

airgroupservice airplay
disable
description AirPlay

airgroupservice airprint
disable
description AirPrint

end of show running-config
=====

show swarm state

AP Swarm State      :swarm_config_sync_complete
mesh ldart State    :suspending
Config in flash     :yes
factory SSID in flash :yes
extended-ssid configured :yes
extended-ssid active :yes
Config load cnt      :1
VC Channel index     :1
IDS Client Gateway Detect :yes
end of show swarm state
=====

show ap debug cloud-server

IAP mgmt mode        :local-mgmt
end of show ap debug cloud-server
=====

show activate status

Activate Server      :device.arubanetworks.com
Activate Status      :connecting
end of show activate status
=====

show aps

1 Access Point
-----
Name                IP Address      Mode   Spectrum  Clients  Type  Mesh Role  Zone  2.4 Channel  2.4 Power (dB)  2.4 Utilization (%)  2.4 Noise Floor
-----
```

16.07.2015

Console

94:b4:0f:c3:f8:44 10.253.51.105* access disable 2 103 N/A - 6 19 1(good) -95(good)

end of show aps

=====

show ap bss-table

Aruba AP BSS Table

bss ess port ip phy type ch/EIRP/max-EIRP cur-cl ap name in-t(s) tot-t

94:b4:0f:bf:84:40 instant ?/? 10.253.51.105 g-HT ap 6/19/19 2 94:b4:0f:c3:f8:44 0 5m:54s

Channel followed by "*" indicates channel selected due to unsupported configured channel.

"Spectrum" followed by "^" indicates Local Spectrum Override in effect.

Num APs:1

Num Associations:2

end of show ap bss-table

=====

show ap debug auth-trace-buf

Auth Trace Buffer

Jul 16 18:24:36 station-up * e0:b9:a5:a7:de:e9 94:b4:0f:bf:84:40 - - open system

Jul 16 18:25:22 station-up * 5c:2e:59:2b:e7:77 94:b4:0f:bf:84:40 - - open system

end of show ap debug auth-trace-buf

=====

show ap debug mgmt-frames

Traced 802.11 Management Frames

Timestamp stype SA DA BSS signal Misc

Jul 16 18:25:22 assoc-resp 94:b4:0f:bf:84:40 5c:2e:59:2b:e7:77 94:b4:0f:bf:84:40 15 Success

Jul 16 18:25:22 assoc-req 5c:2e:59:2b:e7:77 94:b4:0f:bf:84:40 94:b4:0f:bf:84:40 58 -

Jul 16 18:25:22 auth 94:b4:0f:bf:84:40 5c:2e:59:2b:e7:77 94:b4:0f:bf:84:40 15 Success (seq num 3471)

Jul 16 18:25:22 auth 5c:2e:59:2b:e7:77 94:b4:0f:bf:84:40 94:b4:0f:bf:84:40 58 -

Jul 16 18:24:36 assoc-resp 94:b4:0f:bf:84:40 e0:b9:a5:a7:de:e9 94:b4:0f:bf:84:40 15 Success

Jul 16 18:24:36 assoc-req e0:b9:a5:a7:de:e9 94:b4:0f:bf:84:40 94:b4:0f:bf:84:40 35 -

Jul 16 18:24:36 auth 94:b4:0f:bf:84:40 e0:b9:a5:a7:de:e9 94:b4:0f:bf:84:40 15 Success (seq num 0)

Jul 16 18:24:36 auth e0:b9:a5:a7:de:e9 94:b4:0f:bf:84:40 94:b4:0f:bf:84:40 58 -

end of show ap debug mgmt-frames

=====

show ap association

The phy column shows client's operational capabilities for current association

Flags: A: Active, B: Band Steerable, H: Hotspot(802.11u) client, K: 802.11K client, R: 802.11R client, W: WMM client, w: 802.11w client V: 802.11v BS

PHY Details: HT : High throughput; 20: 20MHz; 40: 40MHz

VHT : Very High throughput; 80: 80MHz; 160: 160MHz; 80p80: 80MHz + 80MHz

<n>ss: <n> spatial streams

Association Table

Name bssid mac auth assoc aid l-int essid vlan-id tunnel-id phy assoc. time num assoc

94:b4:0f:c3:f8:44 94:b4:0f:bf:84:40 e0:b9:a5:a7:de:e9 y y 1 1 instant 3333 0x0 g-HT-20sgi-1ss 5m:22s 1

94:b4:0f:c3:f8:44 94:b4:0f:bf:84:40 5c:2e:59:2b:e7:77 y y 2 10 instant 3333 0x0 g-HT-20sgi-1ss 4m:36s 1

Num Clients:2

end of show ap association

=====

show ap debug client-table

Client Table

MAC ESSID BSSID Assoc_State HT_State AID PS_State UAPSD Tx_Pkts Rx_Pkts PS_Qlen Tx_Retries Tx_Rate

e0:b9:a5:a7:de:e9 instant 94:b4:0f:bf:84:40 Associated SsM 0x1 Awake (0,0,0,0,N/A,0) 1719 3838 0 284 72

5c:2e:59:2b:e7:77 instant 94:b4:0f:bf:84:40 Associated s 0x2 Power-save (0,0,0,0,N/A,0) 158 292 0 15 72

UAPSD: (VO,VI,BK,BE,Max SP,Q Len)

HT Flags: A - LDPC Coding; W - 40MHz; S - Short GI 40; s - Short GI 20

D - Delayed BA; G - Greenfield; R - Dynamic SM PS

Q - Static SM PS; N - A-MPDU disabled; B - TX STBC

b - RX STBC; M - Max A-MSDU; I - HT40 Intolerant

VHT Flags: C - 160MHz; c - 80MHz; V - Short GI 160; v - Short GI 80

E - Beamformee; e - Beamformer

HT_State shows client's original capabilities (not operational capabilities)

end of show ap debug client-table

=====

show ip route

Kernel IP routing table

Destination Gateway Genmask Flags MSS Window irtt Iface

10.253.51.0 0.0.0.0 255.255.255.0 U 0 0 0 br0

172.31.98.0 0.0.0.0 255.255.254.0 U 0 0 0 br0

0.0.0.0 10.253.51.1 0.0.0.0 UG 0 0 0 br0

end of show ip route

=====

show datapath user

Datapath User Table Entries

```
-----
Flags: P - Permanent, W - WEP, T- TKIP, A - AESCCM
      R - ProxyARP to User, N - VPN, L - Intercept, I - Intercept, D - Deny local routing
FM(Forward Mode): S - Split, B - Bridge, N - N/A
```

IP	MAC	ACLs	Contract	Location	Age	Sessions	Flags	Vlan	FM
10.253.51.105	94:B4:0F:C3:F8:44	105/0	0/0	0	0	2/65535	P	503	B
10.253.51.5	94:B4:0F:C3:F8:44	105/0	0/0	0	0	2/65535	P	503	B
0.0.0.0	E0:B9:A5:A7:DE:E9	130/0	0/0	0	0	0/65535	P	3333	B
172.31.98.1	94:B4:0F:C3:F8:44	105/0	0/0	0	0	0/65535	P	3333	B
0.0.0.0	5C:2E:59:2B:E7:77	130/0	0/0	0	0	0/65535	P	3333	B
172.31.99.2	5C:2E:59:2B:E7:77	130/0	0/0	0	0	1/65535		3333	B
0.0.0.0	94:B4:0F:C3:F8:44	105/0	0/0	0	0	2/65535	P	503	B
172.31.99.188	E0:B9:A5:A7:DE:E9	130/0	0/0	0	0	17/65535		3333	B

end of show datapath user

```
=====
show datapath bridge
Datapath Bridge Devices
```

```
-----
Flags: F - source-filter, T - trusted, Q - tagged, I - IP
      S - split-tunnel, B - bridge, M - mesh, P - PPPoE
      C - content-filter, O - corp-access, h - to HAP, f - to FAP
      h - dhcp-redirect b - blocked by STP
```

Dev	Name	VLANs	PVID	ACLs	FramesRx	FramesTx	Flags
3	bond0	3	1	0/0	106	883	215 FTQB
10	br0	0	1	105/0	0	1927	0 IB
13	aruba100	1	3333	130/0	0	2324	1917 B

```
Datapath Bridge Table Entries
```

```
-----
Flags: P - Permanent, D - Deny, R - Route, M - Mobile, X - Xsec, A - Auth
AP Flags: X - Awaiting 1X reply, B - Block all non-1X traffic, F - Force bridge role
```

MAC	VLAN	Assigned VLAN	Destination	Flags	AP Flags	Bridge Role	ACL
94:B4:0F:C3:F7:C0	503	503	vlan 503				0
94:B4:0F:C3:F8:44	1	1	local	P			0
E0:B9:A5:A7:DE:E9	3333	3333	dev13				0
14:58:D0:AC:ED:E3	504	504	dev3				0
C4:34:6B:8E:2A:3B	503	503	dev3				0
C4:34:6B:8E:2A:3B	504	504	dev3				0
5C:2E:59:2B:E7:77	3333	3333	dev13				0
94:B4:0F:C3:F8:44	3333	3333	local	P			0
64:F6:9D:7A:1A:BE	503	503	dev3				0
94:B4:0F:C3:F8:44	503	503	local	P			0
94:B4:0F:C3:F9:02	503	503	dev3				0

end of show datapath bridge

```
=====
show datapath route
Route Table Entries
```

```
-----
Flags: L - Local, P - Permanent, T - Tunnel, I - IPsec, M - Mobile, A - ARP, D - Drop
```

IP	Mask	Gateway	Cost	VLAN	Flags
0.0.0.0	0.0.0.0	10.253.51.1	0	0	
172.31.98.0	255.255.254.0	172.31.98.1	0	3333	D
10.253.51.0	255.255.255.0	10.253.51.105	0	1	L

```
Route Cache Entries
```

```
-----
Flags: L - local, P - Permanent, T - Tunnel, I - IPsec, M - Mobile, A - ARP, D - Drop, G - 3G/4G
```

IP	MAC	VLAN	Flags
10.253.51.105	94:B4:0F:C3:F8:44	503	LP
10.253.51.104	94:B4:0F:C3:F9:02	503	A
10.253.51.51	64:F6:9D:7A:1A:BE	503	A
10.253.51.5	94:B4:0F:C3:F8:44	503	LP
10.253.51.1	64:F6:9D:7A:1A:BE	503	A
172.31.98.1	94:B4:0F:C3:F8:44	3333	LP
172.31.99.2	5C:2E:59:2B:E7:77	3333	
172.31.99.188	E0:B9:A5:A7:DE:E9	3333	

end of show datapath route

```
=====
show datapath session
Datapath Session Table Entries
```

```
-----
Flags: F - fast age, S - src NAT, N - dest NAT
      D - deny, R - redirect, Y - no syn
      H - high prio, P - set prio, T - set ToS
      C - client, M - mirror, V - VOIP
      I - Deep inspect, U - Locally destined
      s - media signal, m - media mon, a - rtp analysis
      E - Media Deep Inspect, G - media signal
      A - Application Firewall Inspect
RAP Flags: 0 - Q0, 1 - Q1, 2 - Q2, r - redirect to master
```

Source IP	Destination IP	Prot	SPort	Dport	Cntr	Prio	ToS	Age	Destination	TAge	Flags
10.253.51.105	172.31.98.2	6	4343	58270	0	0	0	1	dev13	4c	FN
10.253.51.105	172.31.98.2	6	4343	58277	0	0	0	0	dev13	12	FN
10.253.51.105	172.31.98.2	6	4343	58276	0	0	0	0	dev13	15	FN
10.253.51.105	172.31.98.2	6	4343	58278	0	0	0	0	dev13	10	N

```

10.253.51.105 172.31.98.2 6 4343 58273 0 0 0 1 dev13 31 FN
172.31.98.1 172.31.98.2 6 4343 58271 0 0 0 1 dev13 36 FSN
172.31.98.1 172.31.98.2 6 4343 58274 0 0 0 1 dev13 28 FSN
10.253.58.15 10.253.51.105 17 53 51266 0 0 24 1 dev13 4c FNI
172.31.98.1 172.31.98.2 6 8080 58275 0 0 0 1 dev13 15 FSN
172.31.98.1 172.31.98.2 6 8080 58272 0 0 0 1 dev13 31 FSN
172.31.98.1 172.31.98.2 6 8080 58269 0 0 0 1 dev13 4c FSN
172.31.99.188 178.88.163.162 6 58274 443 0 0 24 1 dev13 28 FSNC
172.31.99.188 178.88.163.162 6 58271 443 0 0 24 1 dev13 36 FSNC
172.31.99.188 10.253.51.105 6 58270 4343 0 0 24 1 local 4c FSRC
172.31.99.188 10.253.51.105 6 58278 4343 0 0 24 1 local 10 SRC
172.31.99.188 10.253.51.105 6 58277 4343 0 0 24 1 local 12 FSRC
172.31.99.188 10.253.51.105 6 58276 4343 0 0 24 1 local 15 FSRC
172.31.99.188 10.253.51.105 6 58273 4343 0 0 24 1 local 31 FSRC
10.253.32.79 10.253.51.53 6 56527 4343 0 0 0 1 dev3 24 YC
10.253.32.79 10.253.51.53 6 56528 4343 0 0 0 1 dev3 23 YC
172.31.99.188 184.86.14.13 6 58272 80 0 0 24 1 dev13 31 FSNC
172.31.99.188 184.86.14.13 6 58275 80 0 0 24 1 dev13 15 FSNC
172.31.99.188 184.86.14.13 6 58269 80 0 0 24 1 dev13 4c FSNC
172.31.98.1 172.31.98.2 6 4343 52129 0 0 0 0 dev13 23 FSN
10.253.58.15 10.253.51.105 17 53 49152 0 0 24 0 dev13 149 FNI
10.253.58.15 10.253.51.105 17 53 49157 0 0 0 0 local 13 FI
172.31.99.188 10.253.58.15 17 61801 53 0 0 24 1 dev13 68 FSCI
10.253.58.15 10.253.51.105 17 53 49976 0 0 0 1 dev13 6a FNI
10.253.58.15 10.253.51.105 17 53 56335 0 0 24 1 dev13 4c FNI
172.31.99.188 10.253.58.15 17 51266 53 0 0 24 1 dev13 4c FSCI
172.31.99.188 10.253.58.15 17 49152 53 0 0 24 0 dev13 149 FSCI
10.253.51.105 104.36.249.201 6 49607 443 0 0 0 0 local 12 C
172.31.99.188 10.253.58.15 17 49976 53 0 0 24 1 dev13 6a FSCI
10.253.51.53 10.253.32.79 6 4343 56528 0 0 0 0 dev3 23 Y
10.253.51.53 10.253.32.79 6 4343 56527 0 0 0 0 dev3 24 Y
10.253.51.105 10.253.58.15 17 49157 53 0 0 0 0 local 13 FCI
10.253.58.15 10.253.51.105 17 53 54405 0 0 24 0 dev13 15 FNI
172.31.99.188 10.253.58.15 17 56335 53 0 0 24 1 dev13 4c FSCI
172.31.99.2 64.233.165.188 6 52129 443 0 0 24 0 dev13 23 FSNC
10.253.58.15 10.253.51.105 17 53 61801 0 0 24 1 dev13 68 FNI
172.31.99.188 10.253.58.15 17 53914 53 0 0 24 1 dev13 31 FSCI
172.31.99.188 10.253.58.15 17 54405 53 0 0 24 0 dev13 15 FSCI
10.253.58.15 10.253.51.105 17 53 53914 0 0 24 1 dev13 31 FNI
104.36.249.201 10.253.51.105 6 443 49607 0 0 8 0 local 12
end of show datapath session
=====

```

```

show datapath session dpi verbose
Datapath Session Table Entries

```

```

Flags: F - fast age, S - src NAT, N - dest NAT
D - deny, R - redirect, Y - no syn
H - high prio, P - set prio, T - set ToS
C - client, M - mirror, V - VOIP
I - Deep inspect, U - Locally destined
s - media signal, m - media mon, a - rtp analysis
E - Media Deep Inspect, G - media signal
A - Application Firewall Inspect
RAP Flags: 0 - Q0, 1 - Q1, 2 - Q2, r - redirect to master

```

Session idx	Source IP	Destination IP	Prot	SPort	Dport	Cntr	Prio	ToS	Age	Destination	TAge	App	Webcat		
918	10.253.51.105	172.31.98.2	6	4343	58270	0	0	0	1	dev13	4c	App-Not-Class	[0]	]	Web-Not-Class [0]
992	10.253.51.105	172.31.98.2	6	4343	58277	0	0	0	0	dev13	12	App-Not-Class	[0]	]	Web-Not-Class [0]
994	10.253.51.105	172.31.98.2	6	4343	58276	0	0	0	0	dev13	15	App-Not-Class	[0]	]	Web-Not-Class [0]
998	10.253.51.105	172.31.98.2	6	4343	58278	0	0	0	0	dev13	10	App-Not-Class	[0]	]	Web-Not-Class [0]
1000	10.253.51.105	172.31.98.2	6	4343	58273	0	0	0	1	dev13	31	App-Not-Class	[0]	]	Web-Not-Class [0]
1958	172.31.98.1	172.31.98.2	6	4343	58271	0	0	0	1	dev13	36	App-Not-Class	[0]	]	Web-Not-Class [0]
2012	172.31.98.1	172.31.98.2	6	4343	58274	0	0	0	1	dev13	28	App-Not-Class	[0]	]	Web-Not-Class [0]
2067	10.253.58.15	10.253.51.105	17	53	51266	0	0	24	1	dev13	4c	App-Not-Class	[0]	]	Web-Not-Class [0]
2233	172.31.98.1	172.31.98.2	6	8080	58275	0	0	0	1	dev13	15	App-Not-Class	[0]	]	Web-Not-Class [0]
2239	172.31.98.1	172.31.98.2	6	8080	58272	0	0	0	1	dev13	31	App-Not-Class	[0]	]	Web-Not-Class [0]
2245	172.31.98.1	172.31.98.2	6	8080	58269	0	0	0	1	dev13	4c	App-Not-Class	[0]	]	Web-Not-Class [0]
3165	172.31.99.188	178.88.163.162	6	58274	443	0	0	24	1	dev13	28	App-Not-Class	[0]	]	Web-Not-Class [0]
3168	172.31.99.188	178.88.163.162	6	58271	443	0	0	24	1	dev13	36	App-Not-Class	[0]	]	Web-Not-Class [0]
3905	172.31.99.188	10.253.51.105	6	58270	4343	0	0	24	1	local	4c	App-Not-Class	[0]	]	Web-Not-Class [0]
3961	172.31.99.188	10.253.51.105	6	58278	4343	0	0	24	1	local	10	App-Not-Class	[0]	]	Web-Not-Class [0]
3962	172.31.99.188	10.253.51.105	6	58277	4343	0	0	24	1	local	12	App-Not-Class	[0]	]	Web-Not-Class [0]
3963	172.31.99.188	10.253.51.105	6	58276	4343	0	0	24	1	local	15	App-Not-Class	[0]	]	Web-Not-Class [0]
3966	172.31.99.188	10.253.51.105	6	58273	4343	0	0	24	1	local	31	App-Not-Class	[0]	]	Web-Not-Class [0]
4196	10.253.32.79	10.253.51.53	6	56527	4343	0	0	0	1	dev3	24	App-Not-Class	[0]	]	Web-Not-Class [0]
4219	10.253.32.79	10.253.51.53	6	56528	4343	0	0	0	1	dev3	23	App-Not-Class	[0]	]	Web-Not-Class [0]
4365	172.31.99.188	184.86.14.13	6	58272	80	0	0	24	1	dev13	31	App-Not-Class	[0]	]	Web-Not-Class [0]
4366	172.31.99.188	184.86.14.13	6	58275	80	0	0	24	1	dev13	15	App-Not-Class	[0]	]	Web-Not-Class [0]
4400	172.31.99.188	184.86.14.13	6	58269	80	0	0	24	1	dev13	4c	App-Not-Class	[0]	]	Web-Not-Class [0]
6106	172.31.98.1	172.31.98.2	6	4343	52129	0	0	0	0	dev13	23	App-Not-Class	[0]	]	Web-Not-Class [0]
6295	10.253.58.15	10.253.51.105	17	53	49152	0	0	24	0	dev13	149	App-Not-Class	[0]	]	Web-Not-Class [0]
6301	10.253.58.15	10.253.51.105	17	53	49157	0	0	0	0	local	13	App-Not-Class	[0]	]	Web-Not-Class [0]
6589	172.31.99.188	10.253.58.15	17	61801	53	0	0	24	1	dev13	68	App-Not-Class	[0]	]	Web-Not-Class [0]
7911	10.253.58.15	10.253.51.105	17	53	49976	0	0	0	1	dev13	6a	App-Not-Class	[0]	]	Web-Not-Class [0]
8329	10.253.58.15	10.253.51.105	17	53	56335	0	0	24	1	dev13	4c	App-Not-Class	[0]	]	Web-Not-Class [0]
8342	172.31.99.188	10.253.58.15	17	51266	53	0	0	24	1	dev13	4c	App-Not-Class	[0]	]	Web-Not-Class [0]
10452	172.31.99.188	10.253.58.15	17	49152	53	0	0	24	0	dev13	149	App-Not-Class	[0]	]	Web-Not-Class [0]
10540	10.253.51.105	104.36.249.201	6	49607	443	0	0	0	0	local	12	App-Not-Class	[0]	]	Web-Not-Class [0]
11244	172.31.99.188	10.253.58.15	17	49976	53	0	0	24	1	dev13	6a	App-Not-Class	[0]	]	Web-Not-Class [0]
12046	10.253.51.53	10.253.32.79	6	4343	56528	0	0	0	0	dev3	23	App-Not-Class	[0]	]	Web-Not-Class [0]
12080	10.253.51.53	10.253.32.79	6	4343	56527	0	0	0	0	dev3	24	App-Not-Class	[0]	]	Web-Not-Class [0]
12185	10.253.51.105	10.253.58.15	17	49157	53	0	0	0	0	local	13	App-Not-Class	[0]	]	Web-Not-Class [0]
12701	10.253.58.15	10.253.51.105	17	53	54405	0	0	24	0	dev13	15	App-Not-Class	[0]	]	Web-Not-Class [0]
13531	172.31.99.188	10.253.58.15	17	56335	53	0	0	24	1	dev13	4c	App-Not-Class	[0]	]	Web-Not-Class [0]
14238	172.31.99.2	64.233.165.188	6	52129	443	0	0	24	0	dev13	23	App-Not-Class	[0]	]	Web-Not-Class [0]
14917	10.253.58.15	10.253.51.105	17	53	61801	0	0	24	1	dev13	68	App-Not-Class	[0]	]	Web-Not-Class [0]
14926	172.31.99.188	10.253.58.15	17	53914	53	0	0	24	1	dev13	31	App-Not-Class	[0]	]	Web-Not-Class [0]
15441	172.31.99.188	10.253.58.15	17	54405	53	0	0	24	0	dev13	15	App-Not-Class	[0]	]	Web-Not-Class [0]
15779	10.253.58.15	10.253.51.105	17	53	53914	0	0	24	1	dev13	31	App-Not-Class	[0]	]	Web-Not-Class [0]
16341	104.36.249.201	10.253.51.105	6	443	49607	0	0	8	0	local	12	App-Not-Class	[0]	]	Web-Not-Class [0]

```
end of show datapath session dpi verbose
```

```
show datapath mcast
```

```
Dev      Vlans
```

```
dev3     1,503,3333
```

```
dev13    3333
```

```
end of show datapath mcast
```

```
show datapath acl-all
```

```
Datapath All ACL Entries
```

```
-----
Flags: P - permit, L - log, E - established, M/e - MAC/etype filter
      S - SNAT, D - DNAT, R - redirect, r - reverse redirect m - Mirror
      I - Invert SA, i - Invert DA, H - high prio, O - set prio, C - Classify Media
      A - Disable Scanning, B - black list, T - set TOS, 4 - IPv4, 6 - IPv6
      K - App Throttle, s - Domain SA, d - Domain DA
-----
```

```
ACL Name {deny-all} Number {100}
```

```
1: any any any 4
```

```
ACL Name {mac-auth} Number {103}
```

```
1: any any 17 0-65535 67-68 P4
```

```
2: any any any 4
```

```
ACL Name {ap} Number {105}
```

```
1: 172.31.98.0 255.255.254.0 any any PS4 hits 227
```

```
2: any any 17 0-65535 514-514 P4
```

```
3: any any 17 0-65535 67-68 P4
```

```
4: any any 17 0-65535 69-69 P4
```

```
5: any any 17 0-65535 53-53 P4 hits 2
```

```
6: any any 17 0-65535 123-123 P4
```

```
7: any any 6 0-65535 21-21 P4
```

```
8: any any 6 0-65535 443-443 P4 hits 2
```

```
9: any any 6 0-65535 80-80 P4
```

```
10: any any 6 0-65535 8080-8080 P4
```

```
11: any any 6 0-65535 8081-8081 P4
```

```
12: any any 6 0-65535 4343-4343 P4
```

```
13: any any 17 0-65535 8211-8211 P4
```

```
14: any any 17 0-65535 161-161 P4
```

```
15: any any 1 0-65535 0-65535 P4
```

```
16: any any any P4 hits 1
```

```
ACL Name {magic-vlan} Number {106}
```

```
1: any any 17 0-65535 8209-8211 P4
```

```
2: any 10.253.51.105 255.255.255.255 6 0-65535 22-22 P4
```

```
3: any 10.253.51.105 255.255.255.255 6 0-65535 23-23 P4
```

```
4: any 10.253.51.105 255.255.255.255 6 0-65535 4343-4343 P4
```

```
5: any 172.31.98.1 255.255.255.255 6 0-65535 22-22 P4
```

```
6: any 172.31.98.1 255.255.255.255 6 0-65535 23-23 P4
```

```
7: any 172.31.98.1 255.255.255.255 6 0-65535 4343-4343 P4
```

```
8: any 10.253.51.5 255.255.255.255 6 0-65535 22-22 P4
```

```
9: any 10.253.51.5 255.255.255.255 6 0-65535 23-23 P4
```

```
10: any 10.253.51.5 255.255.255.255 6 0-65535 4343-4343 P4
```

```
11: any any 17 0-65535 67-68 P4 hits 2
```

```
12: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 any P4
```

```
13: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 any P4
```

```
14: 172.31.98.0 255.255.254.0 any any PS4
```

```
15: any any any P4 hits 66
```

```
ACL Name {instant 0} Number {130}
```

```
1: any any 17 0-65535 8209-8211 P4
```

```
2: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 6 0-65535 80-80 P4
```

```
3: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 6 0-65535 80-80 P4
```

```
4: 172.31.98.0 255.255.254.0 masterip 6 0-65535 80-80 PS4
```

```
5: any masterip 6 0-65535 80-80 P4
```

```
6: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 6 0-65535 4343-4343 P4
```

```
7: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 6 0-65535 4343-4343 P4
```

```
8: 172.31.98.0 255.255.254.0 masterip 6 0-65535 4343-4343 PS4 hits 141
```

```
9: any masterip 6 0-65535 4343-4343 P4
```

```
10: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 17 0-65535 67-68 P4 hits 2
```

```
11: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 17 0-65535 67-68 P4 hits 2
```

```
12: 172.31.98.0 255.255.254.0 any 17 0-65535 67-68 PS4
```

```
13: any any 17 0-65535 67-68 P4 hits 1
```

```
14: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 17 0-65535 53-53 P4
```

```
15: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 17 0-65535 53-53 P4
```

```
16: 172.31.98.0 255.255.254.0 any 17 0-65535 53-53 PS4 hits 149
```

```
17: any any 17 0-65535 53-53 P4
```

```
18: any any 6 0-65535 80-80 PSD4 hits 66
```

```
19: any any 6 0-65535 443-443 PSD4 hits 20
```

```
20: any any any 4 hits 37
```

```
ACL Name {instant 1} Number {131}
```

```
1: any any 17 0-65535 8209-8211 P4
```

```
2: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 6 0-65535 80-80 PT4
```

```
3: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 6 0-65535 80-80 PT4
```

```
4: 172.31.98.0 255.255.254.0 masterip 6 0-65535 80-80 PST4
```

```
5: any masterip 6 0-65535 80-80 PT4
```

```
6: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 6 0-65535 4343-4343 PT4
```

```
7: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 6 0-65535 4343-4343 PT4
```

```
8: 172.31.98.0 255.255.254.0 masterip 6 0-65535 4343-4343 PST4
```

```
9: any masterip 6 0-65535 4343-4343 PT4
```

```
10: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 17 0-65535 67-68 PT4
```

```
11: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 17 0-65535 67-68 PT4
```

```
12: 172.31.98.0 255.255.254.0 any 17 0-65535 67-68 PST4
```

```
13: any any 17 0-65535 67-68 PT4
```

```
14: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 17 0-65535 53-53 PT4
```

```
15: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 17 0-65535 53-53 PT4
```

```
16: 172.31.98.0 255.255.254.0 any 17 0-65535 53-53 PST4
```

```
17: any any 17 0-65535 53-53 PT4
```

```
18: any any 6 0-65535 80-80 PSD4
```

```
19: any any 6 0-65535 443-443 PSD4
```



```
20: any any any 4
-----
ACL Name {default_wired_port_profile 0} Number {132}
1: any any 17 0-65535 8209-8211 P4
2: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 any P4
3: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 any P4
4: 172.31.98.0 255.255.254.0 any any PS4
5: any any any P4
-----
ACL Name {default_wired_port_profile 1} Number {133}
1: any any 17 0-65535 8209-8211 P4
2: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 any PT4
3: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 any PT4
4: 172.31.98.0 255.255.254.0 any any PST4
5: any any any PT4
-----
ACL Name {wired-instant 0} Number {134}
1: any any 17 0-65535 8209-8211 P4
2: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 6 0-65535 80-80 P4
3: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 6 0-65535 80-80 P4
4: 172.31.98.0 255.255.254.0 masterip 6 0-65535 80-80 PS4
5: any masterip 6 0-65535 80-80 P4
6: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 6 0-65535 4343-4343 P4
7: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 6 0-65535 4343-4343 P4
8: 172.31.98.0 255.255.254.0 masterip 6 0-65535 4343-4343 PS4
9: any masterip 6 0-65535 4343-4343 P4
10: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 17 0-65535 67-68 P4
11: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 17 0-65535 67-68 P4
12: 172.31.98.0 255.255.254.0 any 17 0-65535 67-68 PS4
13: any any 17 0-65535 67-68 P4
14: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 17 0-65535 53-53 P4
15: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 17 0-65535 53-53 P4
16: 172.31.98.0 255.255.254.0 any 17 0-65535 53-53 PS4
17: any any 17 0-65535 53-53 P4
18: any any 6 0-65535 80-80 PSD4
19: any any 6 0-65535 443-443 PSD4
20: any any any 4
-----
ACL Name {wired-instant 1} Number {135}
1: any any 17 0-65535 8209-8211 P4
2: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 6 0-65535 80-80 PT4
3: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 6 0-65535 80-80 PT4
4: 172.31.98.0 255.255.254.0 masterip 6 0-65535 80-80 PST4
5: any masterip 6 0-65535 80-80 PT4
6: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 6 0-65535 4343-4343 PT4
7: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 6 0-65535 4343-4343 PT4
8: 172.31.98.0 255.255.254.0 masterip 6 0-65535 4343-4343 PST4
9: any masterip 6 0-65535 4343-4343 PT4
10: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 17 0-65535 67-68 PT4
11: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 17 0-65535 67-68 PT4
12: 172.31.98.0 255.255.254.0 any 17 0-65535 67-68 PST4
13: any any 17 0-65535 67-68 PT4
14: 172.31.98.0 255.255.254.0 172.31.98.0 255.255.254.0 17 0-65535 53-53 PT4
15: 172.31.98.0 255.255.254.0 224.0.0.0 224.0.0.0 17 0-65535 53-53 PT4
16: 172.31.98.0 255.255.254.0 any 17 0-65535 53-53 PST4
17: any any 17 0-65535 53-53 PT4
18: any any 6 0-65535 80-80 PSD4
19: any any 6 0-65535 443-443 PSD4
20: any any any 4
-----
end of show datapath acl-all
=====

show datapath acl-allocation
end of show datapath acl-allocation
=====

show datapath nat-pool

Datapath NAT Pool Entries
-----
ID Begin Source IP End Source IP Destination IP Flags vlan-pools
--
0 10.253.51.105 10.253.51.105 10.253.51.105 -
63 172.31.98.2 172.31.98.2 172.31.98.1 - magic-vlan
end of show datapath nat-pool
=====

show datapath dns-id-map

end of show datapath dns-id-map
=====

show datapath sbr

Source Based Routing Datapath Table
-----
Source SBR Index Mask Gateway VLAN Used
-----
10.253.51.5 1 255.255.255.0 10.253.51.1 503 1
end of show datapath sbr
=====

show datapath statistics
Datapath Counters
-----
Counter Value
-----
Tagged frames dropped on untagged interface 0
Frames dropped for being too short 0
Frames received on port not in VLAN 0
Non-dot1x frames dropped during L2 blocking 0
```

Frames dropped for ingress change on permanent bridge entry	0
Frames of split tunnel dropped due to port mismatch	0
Unicast frames filtered	0
Frames dropped due to FP firewall	186
Frames that failed FP spoofing check	0
Frames dropped with logging	0
Frames dropped due to unknown FP opcode	0
Frames freed by FP	38
Frames that failed SP spoofing check	0
Frames dropped due to excessive user misses	0
Frames dropped due to no buffers	0
Frames dropped due to no 'br0' device	0
Frames dropped due to no stack IP address	0
Frames dropped while user miss pending	0
Frames dropped when user entry creation failed	0
Frames dropped due to unknown FP opcode	0
Frames dropped due to initial IP route lookup failure	0
Frames dropped due to final IP route lookup failure	4
Frames dropped due to ARP processing failure	0
Frames dropped due to illegal device index	0
Frames dropped due to interface being down	0
Unicast frames not bridged due to split-tunnel destination	0
Unicast frames from bridge role user dropped	0
Unicast frames that could not be bridged to split tunnel	0
Frames dropped due to missing PPP device	0
Frames dropped due to pullup failure	0
Frames dropped due to misalignment	0
Frames received by firewall	5178
DHCP frames on DHCP local VLAN	4
PPPOE frames to session processing	0
Frames needing bridging	5191
Mesh frames forwarded	0
Thin AP frames forwarded	0
Frames to session processing	5578
Frames to SP	930
Frames bridged by SP	13
Frames routed by SP	0
Frames for SP session processing	579
Frames for FP application processing	338
Frames bridged by FP	0
Frames for FP session processing	387
Frames routed by FP	368
FP user misses	3
Frames not tunneled from bridge role user	0
SP user misses	3
Frames to DHCP	2
Frames to DNS	119
Frames held	0
Frames needed routing	4836
Frames needed forwarding	3003
Frames redirected to CSS tunnel	0
Frames sent by firewall	2110
Frames delivered to stack	1846
Frames delivered to CP	119
Frames to be flooded	875
Frames potentially needing flooding	471
Frames not flooded - no interface or interface not up	0
Flooded frames filtered	449
Frames not flooded - bridge interface to tunnel	0
Frames not flooded - tunnel traffic to bridge interface	0
Frames not flooded - bridge role user to tunnel	0
Frames not flooded - tunnel source	0
Frames not flooded - failed uplink ARP check	0
Frames not flooded - no buffer	0
Frames flooded	22
Frames dropped - not on DHCP VLAN	5
Frames filtered while flooding	19
No PPP device when flooding	0
Sessions routed locally between users	141
RTCP frames cloned and sent to controller	0
No PPP device when cloning RTCP frames	0
Multicast frames dropped between bridge users	0
Umiss dropped due to max user limit reached	0
IPv6 packets to stack dropped	8
Packets going through fast forward	0
Frames dropped - corporate vlan traffic from uplink	0
Frames not flooded - corporate traffic to uplink	0
Frames not flooded - port blocked by spanning tree	0
Frames dropped - foreign client port move	0
Frames dropped - home AP tunnel to non wireless	0
Frames which required for slow path routing	7
Frames which were routed through the tunnel	0
Frames which were routed based on source	0
Frames which required ARP packet generation	4
Frames for which ARP packets where sent out	4
Frames flooded after slow path routing	0
Frames dropped as no bridge device present	0
Packet dpi session id and session idx mismatch	0
Packet dpi cloud session id invalid	0
Packet dpi session pkt send to dpimgr	0
Packet dpi session copy to dpimgr failed	0
Packet dpi session prepare data failed	0
Packet dpi session unclassified count	0
Packet dpi unclassified cloud session count	0
Packet dpi bca cache miss drop	0
Packet dpi session classified with one pkt	0
Packet dpi session classified with two pkt	0
Packet dpi session classified with three pkt	0
Packet dpi session classified with four pkt	0
Packet dpi session classified with five pkt	0
Packet dpi session rate in 10 sec	0
Packet dpi session incomplete	0
Packet dpi session cpu usage in 10 sec	0
Frames dropped from self seen on unexpected port	0

```
Frames not flooded - DHCP response to tunnel      0
Frames not flooded - wrong subnet to tunnel      0
Packet reached firewall multiple times           0
Airgroup packet from stack without bridge entry  0
SSL packet to stack dropped - too many in progress 0
SSL packet to stack dropped - duplicate in progress 0
end of show datapath statistics
=====

show dpi debug statistics
end of show dpi debug statistics
=====

show ap debug system-status

Reboot Information
-----
AP rebooted Thu Jul 16 18:19:43 UTC 2015; UI cmd at uptime 0D 0H 6M 28S: reload
-----

Rebootstrap Information
-----
Date      Time      Reason (Latest 10)
-----
(none found)

Rebootstrap LMS
-----
(none found)
-----

Crash Information
-----
(none found)
-----

CPU and Memory Usage
-----
Timestamp      CPU Util(%)  Memory Util(%)
-----
2015-07-16 18:29:51 6          61
2015-07-16 18:29:41 5          61
2015-07-16 18:29:31 8          61
2015-07-16 18:29:21 5          61
2015-07-16 18:29:11 6          61
2015-07-16 18:29:01 10         61
2015-07-16 18:28:51 11         61

Peak CPU Util in the last one hour
-----
Timestamp      CPU Util(%)  Memory Util(%)
-----
2015-07-16 18:21:55 71          56

Output of top
-----
Mem: 76800K used, 49024K free, 0K shrd, 0K buff, 25580K cached
Load average: 1.12 1.17 0.68 (Status: S=sleeping R=running, W=waiting)
PID USER      STATUS  RSS   PPID %CPU %MEM COMMAND
2360 root       R N     360   2359 1.9  0.2 busybox
1566 root       S <    12444 1490 0.0  9.8 cli
1576 root       S N     4108 1490 0.0  3.2 sapd
1578 root       S <     2336 1490 0.0  1.8 stm
1589 root       S <     2304 1490 0.0  1.8 mdns
1586 root       S <     2156 1490 0.0  1.7 snmpd_sap
1944 root       S <     1872 1490 0.0  1.4 radiusd-term
1869 root       S <     1860 1490 0.0  1.4 radiusd
1551 root       S N     1704 1490 0.0  1.3 awc
1592 root       S <     1324 1490 0.0  1.0 lldpd
1499 root       S     1208 1490 0.0  0.9 tinyproxy
2348 root       S <     1136 1393 0.0  0.9 mini_httpd
1490 root       S <     1128 1 0.0  0.8 nanny
1593 root       S <     1032 1490 0.0  0.8 rfd
1506 root       S      992 1499 0.0  0.7 tinyproxy
1504 root       S      988 1499 0.0  0.7 tinyproxy
1503 root       S      988 1499 0.0  0.7 tinyproxy
1502 root       S      988 1499 0.0  0.7 tinyproxy
1501 root       S      988 1499 0.0  0.7 tinyproxy
1505 root       S      988 1499 0.0  0.7 tinyproxy
1390 root       S <      740 1 0.0  0.5 mini_httpd

Heartbeat Stats of Serving Controller
-----
Heartbeats Sent  Sent Seqnum  Heartbeats Received  Rcvd Seqnum  MTUs sent  Misc sent  Measurement Duration
-----

Firewall Stats
-----
Firewall Queue scheduled 5180
-----
Firewall Rx Queue: length 0, dropped 0
Firewall Tx Queue: length 0, dropped 0

DMO queue: size:512, dropped:0, rescheduled:0, length:0, high-water:0
CPU 0: Tlet Calls=4694 Rx=3253/0 Tx=1927 yields=0/3253 EthIn=0
GMAC 0 Statistics:
  RX Frames:      0000143c  TX Frames:      00000854
```

v4 FW Denied: 000000e0 v6 FW Denied: 00000000
GMAC 1 Statistics:
RX Frames: 00000000 TX Frames: 00000000
GMAC 2 Statistics:
RX Frames: 00000000 TX Frames: 00000000
Maintenance Statistics:
Application Statistics:
Bridge Statistics:
Cur Entries: 0000000b High Entries: 0000000b
Max Entries: 00002000 Total Entries: 0000000f
IP Reassembly Statistics:
cpu| cur | high | max | tot | full | ageidx|
IP Reverse Fragment Statistics:
cpu| cur | high | max | tot | full | ctx_w_buf | aged |
IPv6 Reassembly Statistics:
cpu| cur | high | max | tot | full | ageidx|
IPv6 Reverse Fragment Statistics:
cpu| cur | high | max | tot | full | ctx_w_buf | aged |
WiFi Reassembly Statistics:
cpu| cur | high | max | tot | full | ageidx|
0| 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
1| 0000 | 0000 | 0000 | 0000 | 0000 | 0000 |
Route Cache Statistics:
Cur Entries(v4/v6): 00000008/00000000 High Entries: 00000009
Max Entries: 00002000 Total Entries: 00000017
session_fib 0 session_fib_routed 0 session_fib_stale 0 session_fib_rt_fallback 0 session_fib_race 0
Route Table Statistics:
Cur Entries(v4/v6): 00000003/00000000 High Entries: 00000003
Max Entries: 00000080 Total Entries: 00000009
Patricia: Cur 00000003 Full 00000000 Dup 00000000 Ignore 00000000
Null: Cur 00000000 Full 00000000 ECMP Full 00000000
Session Statistics:
Cur Entries: 0000002a High Entries: 00000073
Max Entries: 00008000 Total Entries: 00000432
Station Statistics:
Cur Entries: 00000002 High Entries: 00000002
Pend. deletes: 00000000
Max Entries: 000003ff Total Entries: 00000002
User Statistics:
Uke Cur Entries: 00000008/00000003/00000005/00000000 High Entries: 00000008
Max Entries: 00000fff Total Entries: 0000000f
Full: 00000000 Denied: 00000000/00000000
Uae Cur Entries: 00000006 High Entries: 00000006
IP Multicast Statistics:
Cur Entries: 00000003 High Entries: 00000003
Max Entries: 000000ff Total Entries: 00000006
Station list Statistics:
Cur Entries: 00000001 High Entries: 00000000
Max Entries: 000007ff Total Entries: 00000001

Descriptor Usage

Interface	Queue	Alloc	Free	In-use	Max	Failed
wifi0	0	0	0	0	0	0
wifi0	1	0	0	0	0	0
wifi0	2	0	0	0	0	0
wifi0	3	0	0	0	0	0
wifi0	4	0	0	0	0	0
wifi0	5	0	0	0	0	0
wifi0	6	0	0	0	0	0
wifi0	7(UAPSD)	0	0	0	0	0
wifi0	8(CAB)	0	0	0	0	0
wifi1	0	0	0	0	0	0
wifi1	1	6	6	0	1	0
wifi1	2	2106	2106	0	2	0
wifi1	3	0	0	0	0	0
wifi1	4	0	0	0	0	0
wifi1	5	897	897	0	3	0
wifi1	6	6	6	0	1	0
wifi1	7(UAPSD)	0	0	0	0	0
wifi1	8(CAB)	254	254	0	0	0

Interface counters

Interface	Rx_pkts	Rx_errors	Rx_drops	Tx_pkts	Tx_errors	Tx_drops	Resets
wifi0	0	0	0	0	0	0	0
wifi1	8831	273	1104	3269	726	0	0

MTU Discovery

Probes	Responses	Last Sent	Last Rcvd
0	0	0	0

Switch MTU, Update sent time, Ack receive time, Current time (Time in seconds since AP booted)
0 0 0 578

ARP Cache

IP	address	HW	type	Flags	HW
10.253.51.104	0x1	0x2	64:F6:9D:7A:1A:BE	*	br0
10.253.51.1	0x1	0x2	64:F6:9D:7A:1A:BE	*	br0
10.253.51.51	0x1	0x2	64:F6:9D:7A:1A:BE	*	br0
172.31.98.2	0x1	0x6	94:B4:0F:C3:F8:44	*	br0

Route Table

Iface	Destination	Gateway	Flags	RefCnt	Use	Metric	Mask	MTU	Window	IRTT
br0	0AFD3300	00000000	0001	0	0	0	FFFFFF00	0	0	0
br0	AC1F6200	00000000	0001	0	0	0	FFFFFFE0	0	0	0
br0	00000000	0AFD3301	0003	0	0	0	00000000	0	0	0

Interface Information

Inter-	Receive								Transmit								
face	bytes	packets	errs	drop	fifo	frame	compressed	multicast	bytes	packets	errs	drop	fifo	colls	carrier	compressed	reset
lo:	929	7	0	0	0	0	0	0	929	7	0	0	0	0	0	0	0
sit0:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bond0:	86658	951	0	0	0	0	0	607	61714	807	0	0	0	0	0	0	0
dummy:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
anul0:	250	4	0	0	0	0	0	0	328	4	0	0	0	0	0	0	0
ap0:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
am0:	0	0	0	0	0	0	0	0	1796993	13263	0	154	0	0	0	0	0
gre0:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
apso0:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
br0:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
wifi0:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
wifi1:	1050721	8831	0	1104	0	273	0	0	781611	3269	726	0	0	0	0	0	0
aruba100:	328373	2325	0	0	0	0	0	0	334	497021	1917	0	0	0	0	0	0

Advanced Radio Stats: Disabled
Advance Net80211 Stats: Disabled

stats for wifi0

longslot=0 nonerp=0 non_ht=0 ht20=0 ht40=0 unknown_bssid=0 mgmt_to_stm=0 eapol_to_stm=0 eapol_decap_fail=0 ni_allocs=0 ni_frees=0 auth_throtl=0 auth_r

NF OFFSET FOR wifi0

USING NF OFFSETS FROM SW

ath_softc for wifi0

sc_debug=0 sc_dbg_rang_min=0 sc_dbg_range_max=0 sc_dbg_macfilter=0 sc_dbg_mac=00:00:00:00:00:00 sc_last_noise_floor=0 sc_pkt_cnt=0 sc_intrstatus=0 sc_sc_hw_phystate=1 sc_sw_phystate=1 sc_txaggr=1 sc_rxaggr=1 sc_hasautosleep=1 sc_waitbeacon=0 sc_no_tx_3_chains=0 sc_update_chainmask=0 sc_rx_chainmask=0 sc_wpsbuttonpushed=0 sc_enhanceddmassupport=1 sc_antDivComb=0 sc_bbpanicsupport=1 sc_ldpcsupport=1 sc_fastabortenable=1 sc_hwuapsdtrig=0 sc_edmarxdpc=0 sc_minrateix=0 sc_protrix=0 sc_protmode=0 sc_mcastantenna=0 sc_txantenna=0 sc_cur_txant=0 sc_nbcnvaps=0 sc_nslots=0 sc_nvaps=0 sc_ntxagg_vaps=0 sc_fft=0 sc_uapsdirqlockflags=0 sc_uapsdqndepth=0 sc_bhalq=9 sc_bmisscount=0 sc_bsentscount=0 sc_noise=0 sc_toggleimmunity=0 sc_ant_tx[0~7]=0 0 0 0 0 0 0 0 sc_tx_chainmask=0 sc_rx_chainmask=0 sc_rxchaindetect_ref=0 sc_rxchaindetect_thresh5GHz=35 sc_rxchaindetect_thresh2GHz=35 sc_rxchaindetect_delta5GHz=30 sc_num_cals=2 sc_min_cal=5000 sc_sched_cals=0 fft_start_tsf=0 fft_rx_duration=0 scan_start_tsf=0 sc_stop_all_tx=0 sc_post_radar_pending=0 sc_post_radar=0 perf_promisc=0 perf_boost=0 rx_spectrum_pkts=0 scan_channel=48 scan_channel_sec=3 scan_duration=110 scan_skipped_beacons=0 radio_id=0 device_id=0 reset

ath_ic for wifi0

ic_phytype=2 ic_opmode=1 ic_myaddr=94:b4:0f:bf:84:50 ic_my_hwaddr=00:19:17:05:01:02 ic_time_nonerp_present=0 ic_time_noht_present=0 ic_flags=795648 ic_ic_ed_rssi=0 ic_ed_idle_count=0 ic_rx_clear_1=0 ic_rx_clear_4=0 ic_rx_clear_64=0 ic_rx_clear_tus=0 ic_rx_clear_cur=0 ic_dfs_required=0 ic_htflags=3 ic_ic_oom_callback_registered=1 ni_free_null_vap_events=0 ic_protmode=1 ic_nonerpsta=0 ic_longslotsta=0 ic_sta_assoc=0 ic_dt_sta_assoc=0 ic_xr_sta_assoc=0 ic_addba_mode=0 ic_uapsd_outstanding_sw=0 ic_uapsd_outstanding_hw=0 ic_uapsd_allocated=0 ic_uapsd_freed=0 ic_no_bss_chan=0 radio_config_waits=0 mesh_r

stats for wifi1

longslot=0 nonerp=0 non_ht=0 ht20=2 ht40=0 unknown_bssid=0 mgmt_to_stm=0 eapol_to_stm=0 eapol_decap_fail=0 ni_allocs=5 ni_frees=1 auth_throtl=0 auth_r

stats for aruba100

auth_up=2 auth_dn=2 assoc_up=2 assoc_dn/dropped=2/0 deau_up=0 not_auth=0 no_assoc_skb=0 beacs_up=0 no_node_ent=0 mgmt_badtype=0 f_tods=2325 f_frds=191

crypto-stats for aruba100

SW-encryption-on: FALSE
tot_sw_encrypted=0 tot_sw_decrypted=0 swencrypt_skipped=0 swdecrypt_skipped=0 sw_crypto_tkip=0 sw_crypto_tkipenmic=0 sw_crypto_tkipdemic=0 sw_crypto_t

NF OFFSET FOR wifi1

USING NF OFFSETS FROM SW

ath_softc for wifi1

sc_debug=0 sc_dbg_rang_min=0 sc_dbg_range_max=0 sc_dbg_macfilter=0 sc_dbg_mac=00:00:00:00:00:00 sc_last_noise_floor=95 sc_pkt_cnt=0 sc_intrstatus=0 sc_sc_hw_phystate=1 sc_sw_phystate=1 sc_txaggr=1 sc_rxaggr=1 sc_hasautosleep=1 sc_waitbeacon=0 sc_no_tx_3_chains=0 sc_update_chainmask=0 sc_rx_chainmask=0 sc_wpsbuttonpushed=0 sc_enhanceddmassupport=1 sc_antDivComb=0 sc_bbpanicsupport=1 sc_ldpcsupport=1 sc_fastabortenable=1 sc_hwuapsdtrig=0 sc_edmarxdpc=0 sc_minrateix=0 sc_protrix=0 sc_protmode=0 sc_mcastantenna=0 sc_txantenna=0 sc_cur_txant=0 sc_nbcnvaps=1 sc_nslots=1 sc_nvaps=1 sc_ntxagg_vaps=1 sc_fft=0 sc_uapsdirqlockflags=0 sc_uapsdqndepth=0 sc_bhalq=9 sc_bmisscount=0 sc_bsentscount=0 sc_noise=0 sc_toggleimmunity=0 sc_ant_tx[0~7]=2543 0 0 0 0 0 0 0 sc_tx_chainmask=3 sc_rx_chainmask=3 sc_rxchaindetect_ref=0 sc_rxchaindetect_thresh5GHz=35 sc_rxchaindetect_thresh2GHz=35 sc_rxchaindetect_delta5GHz=30 sc_num_cals=2 sc_min_cal=5000 sc_sched_cals=3 fft_start_tsf=0 fft_rx_duration=0 scan_start_tsf=0 sc_stop_all_tx=0 sc_post_radar_pending=0 sc_post_radar=0 perf_promisc=1 perf_boost=2 rx_spectrum_pkts=0 scan_channel=0 scan_channel_sec=0 scan_duration=110 scan_skipped_beacons=0 radio_id=1 device_id=0 reset

ath_ic for wifi1

ic_phytype=2 ic_opmode=6 ic_myaddr=94:b4:0f:bf:84:40 ic_my_hwaddr=00:02:03:04:05:06 ic_time_nonerp_present=0 ic_time_noht_present=0 ic_flags=795648 ic_ic_ed_rssi=0 ic_ed_idle_count=0 ic_rx_clear_1=3 ic_rx_clear_4=52 ic_rx_clear_64=607 ic_rx_clear_tus=3473 ic_rx_clear_cur=0 ic_dfs_required=0 ic_htflags=0 ic_ic_oom_callback_registered=1 ni_free_null_vap_events=0 ic_protmode=1 ic_nonerpsta=0 ic_longslotsta=0 ic_sta_assoc=2 ic_dt_sta_assoc=0 ic_xr_sta_assoc=0 ic_addba_mode=0 ic_uapsd_outstanding_sw=0 ic_uapsd_outstanding_hw=0 ic_uapsd_allocated=0 ic_uapsd_freed=0 ic_no_bss_chan=0 radio_config_waits=0 mesh_r

ifconfig output for bond0

```
-----
bond0      Link encap:Ethernet  HWaddr 94:B4:0F:C3:F8:44
-----
        inet6 addr: fe80::96b4:fff:fec3:f844/64 Scope:Link
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        RX packets:952 errors:0 dropped:0 overruns:0 frame:0
        TX packets:807 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:86846 (84.8 KiB)  TX bytes:61714 (60.2 KiB)

        Rx broadcast packet:6          Rx broadcast packet per second:0
        Rx multicast packet:577        Rx multicast packet per second:2
        Tx broadcast packet:583        Tx broadcast packet per second:1
        Tx multicast packet:30         Tx multicast packet per second:0

ifconfig output for br0
-----
br0        Link encap:Ethernet  HWaddr 94:B4:0F:C3:F8:44
-----
        inet addr:10.253.51.105 Bcast:10.253.51.255 Mask:255.255.255.0
        inet6 addr: fe80::96b4:fff:fec3:f844/64 Scope:Link
        UP BROADCAST RUNNING ALLMULTI MULTICAST  MTU:1300  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)

        Rx broadcast packet:0          Rx broadcast packet per second:0
        Rx multicast packet:0          Rx multicast packet per second:0
        Tx broadcast packet:0          Tx broadcast packet per second:0
        Tx multicast packet:0          Tx multicast packet per second:0

IP Information
-----
Reassemble Timeout packet          0
-----
Reassemble required packet         0
Reassemble ok packet               0
Reassemble failed packet           0
Fragments received ok packet        0
Fragments failed packet             0
Fragments created packet            0

iwconfig output for aruba100
-----
aruba100 IEEE 802.11ng ESSID:"instant"
Mode:Master Frequency:2.437 GHz Access Point: 94:B4:0F:BF:84:40
Encryption key:off

Key Info for wif1
-----
Index Keylen      MAC                      Key
-----
4: [len=0] [e0:b9:a5:a7:de:e9] ***
5: [len=0] [5c:2e:59:2b:e7:77] ***

AP Uptime
-----
9 mins 38 secs

-----

Process Table
-----
PID    VmSize    VmRSS    State  Command
-----
1       1952 kB    332 kB   S      init
1319    1956 kB    136 kB   S      udhcpd
1387    2836 kB    708 kB   S      mini_httpd
1390    2852 kB    740 kB   S      mini_httpd
1393    2904 kB    736 kB   S      mini_httpd
1415    568 kB     268 kB   S      ntpclient
1490    2900 kB    1128 kB   S      nanny
1499    3228 kB    1208 kB   S      tinyproxy
1501    3236 kB    988 kB   S      tinyproxy
1502    3236 kB    988 kB   S      tinyproxy
1503    3236 kB    988 kB   S      tinyproxy
1504    3236 kB    988 kB   S      tinyproxy
1505    3236 kB    988 kB   S      tinyproxy
1506    3236 kB    992 kB   S      tinyproxy
1522    1576 kB    472 kB   S      msgHandler
1534    1904 kB    708 kB   S      syslogd
1551    3536 kB    1704 kB   S      awc
1563    1952 kB    380 kB   S      cli_console
1566    16760 kB   12536 kB S      cli
1573    1952 kB    304 kB   S      klogd
1575    1164 kB    324 kB   S      dropbear
1576    9436 kB    4136 kB   R      sapd
1577    544 kB     148 kB   S      wdg
1578    5700 kB    2336 kB   S      stm
1586    4748 kB    2156 kB   S      snmpd_sap
1589    4876 kB    2304 kB   S      mdns
1592    3188 kB    1324 kB   S      lldpd
1593    2876 kB    1032 kB   S      rfd
1594    1856 kB    596 kB   S      rfm
1595    1296 kB    392 kB   S      wpa_suppl
1868    584 kB     276 kB   S      dhcp-helper
1869    4988 kB    1860 kB   S      radiusd
1944    5072 kB    1872 kB   S      radiusd-term
1945    764 kB     520 kB   S      dnsmasq
2348    3004 kB    1136 kB   S      mini_httpd
```

```
2349 3004 kB 616 kB S mini_httpd
2350 1692 kB 668 kB S swarm.cgi
```

Memory Usage

```
-----
MemTotal:      125824 kB
-----
MemFree:       48912 kB
Buffers:       0 kB
Cached:        25608 kB
SwapCached:    0 kB
Active:        33028 kB
Inactive:      14184 kB
HighTotal:     0 kB
HighFree:      0 kB
LowTotal:      125824 kB
LowFree:       48912 kB
SwapTotal:     0 kB
SwapFree:      0 kB
Dirty:         0 kB
Writeback:     0 kB
Mapped:        30320 kB
Slab:          11260 kB
CommitLimit:   62912 kB
Committed_AS:  44724 kB
PageTables:    552 kB
VmallocTotal:  1048560 kB
VmallocUsed:    17248 kB
VmallocChunk:  1030624 kB
```

Kernel slab statistics

Kernel slab statistics

slabinfo - version: 2.1

# name	<active_objs>	<num_objs>	<objsize>	<objperslab>	<pagesperslab>	: tunables	<limit>	<batchcount>	<sharedfactor>	: slabdata	<active_slab>
bridge_fdb_cache	0	0	64	59	1 : tunables	120	60	0 : slabdata	0	0	0
fib6_nodes	7	113	32	113	1 : tunables	120	60	0 : slabdata	1	1	0
ip6_dst_cache	10	17	224	17	1 : tunables	120	60	0 : slabdata	1	1	0
ndisc_cache	1	24	160	24	1 : tunables	120	60	0 : slabdata	1	1	0
RAHv6	4	6	608	6	1 : tunables	54	27	0 : slabdata	1	1	0
UDIPv6	7	7	576	7	1 : tunables	54	27	0 : slabdata	1	1	0
tw_sock_TCPv6	3	30	128	30	1 : tunables	120	60	0 : slabdata	1	1	0
request_sock_TCPv6	0	0	128	30	1 : tunables	120	60	0 : slabdata	0	0	0
TCPv6	5	7	1152	7	2 : tunables	24	12	0 : slabdata	1	1	0
UNIX	62	66	352	11	1 : tunables	54	27	0 : slabdata	6	6	0
tcp_bind_bucket	13	203	16	203	1 : tunables	120	60	0 : slabdata	1	1	0
inet_peer_cache	1	59	64	59	1 : tunables	120	60	0 : slabdata	1	1	0
secpath_cache	0	0	128	30	1 : tunables	120	60	0 : slabdata	0	0	0
xfrm_dst_cache	0	0	288	13	1 : tunables	54	27	0 : slabdata	0	0	0
ip_fib_alias	13	113	32	113	1 : tunables	120	60	0 : slabdata	1	1	0
ip_fib_hash	13	113	32	113	1 : tunables	120	60	0 : slabdata	1	1	0
ip_dst_cache	15	30	256	15	1 : tunables	120	60	0 : slabdata	2	2	0
arp_cache	6	30	128	30	1 : tunables	120	60	0 : slabdata	1	1	0
RAW	2	9	448	9	1 : tunables	54	27	0 : slabdata	1	1	0
UDP	32	32	480	8	1 : tunables	54	27	0 : slabdata	4	4	0
tw_sock_TCP	10	40	96	40	1 : tunables	120	60	0 : slabdata	1	1	0
request_sock_TCP	4	59	64	59	1 : tunables	120	60	0 : slabdata	1	1	0
TCP	7	7	1056	7	2 : tunables	24	12	0 : slabdata	1	1	0
flow_cache	0	0	96	40	1 : tunables	120	60	0 : slabdata	0	0	0
cfq_ioc_pool	0	0	48	78	1 : tunables	120	60	0 : slabdata	0	0	0
cfq_pool	0	0	96	40	1 : tunables	120	60	0 : slabdata	0	0	0
crq_pool	0	0	44	84	1 : tunables	120	60	0 : slabdata	0	0	0
as_arq	0	0	60	63	1 : tunables	120	60	0 : slabdata	0	0	0
eventpoll_pwq	0	0	36	101	1 : tunables	120	60	0 : slabdata	0	0	0
eventpoll_epi	0	0	96	40	1 : tunables	120	60	0 : slabdata	0	0	0

Kernel slab statistics

Kernel slab statistics

kioctx	0	0	160	24	1 : tunables	120	60	0 : slabdata	0	0	0
kiocb	0	0	128	30	1 : tunables	120	60	0 : slabdata	0	0	0
fasync_cache	0	0	16	203	1 : tunables	120	60	0 : slabdata	0	0	0
shmem_inode_cache	1	10	384	10	1 : tunables	54	27	0 : slabdata	1	1	0
posix_timers_cache	0	0	96	40	1 : tunables	120	60	0 : slabdata	0	0	0
uid_cache	0	0	64	59	1 : tunables	120	60	0 : slabdata	0	0	0
blkdev_ioc	0	0	28	127	1 : tunables	120	60	0 : slabdata	0	0	0
blkdev_queue	0	0	900	4	1 : tunables	54	27	0 : slabdata	0	0	0
blkdev_requests	0	0	168	23	1 : tunables	120	60	0 : slabdata	0	0	0
biovec-(256)	19	20	3072	2	2 : tunables	24	12	0 : slabdata	10	10	0
biovec-128	39	40	1536	5	2 : tunables	24	12	0 : slabdata	8	8	0
biovec-64	78	80	768	5	1 : tunables	54	27	0 : slabdata	16	16	0
biovec-16	156	160	192	20	1 : tunables	120	60	0 : slabdata	8	8	0
biovec-4	156	177	64	59	1 : tunables	120	60	0 : slabdata	3	3	0
biovec-1	156	203	16	203	1 : tunables	120	60	0 : slabdata	1	1	0
bio	256	295	64	59	1 : tunables	120	60	0 : slabdata	5	5	0
sock_inode_cache	143	143	352	11	1 : tunables	54	27	0 : slabdata	13	13	0
skbuff_fclone_cache	9	9	448	9	1 : tunables	54	27	0 : slabdata	1	1	0
skbuff_head_cache	1385	1428	224	17	1 : tunables	120	60	0 : slabdata	84	84	0
file_lock_cache	4	40	96	40	1 : tunables	120	60	0 : slabdata	1	1	0
proc_inode_cache	221	221	304	13	1 : tunables	54	27	0 : slabdata	17	17	0
sigqueue	4	27	144	27	1 : tunables	120	60	0 : slabdata	1	1	0
radix_tree_node	851	952	276	14	1 : tunables	54	27	0 : slabdata	68	68	0
bdev_cache	1	10	384	10	1 : tunables	54	27	0 : slabdata	1	1	0
sysfs_dir_cache	2594	2668	40	92	1 : tunables	120	60	0 : slabdata	29	29	0
mnt_cache	13	30	128	30	1 : tunables	120	60	0 : slabdata	1	1	0
inode_cache	1651	1651	288	13	1 : tunables	54	27	0 : slabdata	127	127	0
dentry_cache	2172	2232	124	31	1 : tunables	120	60	0 : slabdata	72	72	0
filp	648	648	160	24	1 : tunables	120	60	0 : slabdata	27	27	0
names_cache	3	3	4096	1	1 : tunables	24	12	0 : slabdata	3	3	0

```
idr_layer_cache      97    116    136    29    1 : tunables 120    60    0 : slabdata    4    4    0
buffer_head          0      0     48    78    1 : tunables 120    60    0 : slabdata    0    0    0
```

Kernel slab statistics

Kernel slab statistics

```
-----
mm_struct            40      40     384    10    1 : tunables   54    27    0 : slabdata    4    4    0
vm_area_struct      1788    1848     88    44    1 : tunables  120    60    0 : slabdata   42   42    0
fs_cache            39     113     32   113    1 : tunables  120    60    0 : slabdata    1    1    0
files_cache         45     45     448     9    1 : tunables   54    27    0 : slabdata    5    5    0
signal_cache        50     50     384    10    1 : tunables   54    27    0 : slabdata    5    5    0
sighand_cache       50     50    3104     2    2 : tunables   24    12    0 : slabdata   25   25    0
task_struct         51     51    1304     3    1 : tunables   24    12    0 : slabdata   17   17    0
anon_vma            573    678      8   339    1 : tunables  120    60    0 : slabdata    2    2    0
size-262144(DMA)     0      0  262144     1    64 : tunables    1     1    0 : slabdata    0    0    0
size-262144          2      2  262144     1    64 : tunables    1     1    0 : slabdata    2    2    0
size-131072(DMA)     0      0  131072     1    32 : tunables    8     4    0 : slabdata    0    0    0
size-131072         13     13  131072     1    32 : tunables    8     4    0 : slabdata   13   13    0
size-65536(DMA)      0      0   65536     1    16 : tunables    8     4    0 : slabdata    0    0    0
size-65536           3      3   65536     1    16 : tunables    8     4    0 : slabdata    3    3    0
size-32768(DMA)      0      0   32768     1     8 : tunables    8     4    0 : slabdata    0    0    0
size-32768           1      1   32768     1     8 : tunables    8     4    0 : slabdata    1    1    0
size-16384(DMA)      0      0   16384     1     4 : tunables    8     4    0 : slabdata    0    0    0
size-16384          13     13   16384     1     4 : tunables    8     4    0 : slabdata   13   13    0
size-8192(DMA)       0      0   8192     1     2 : tunables    8     4    0 : slabdata    0    0    0
size-8192            56     56   8192     1     2 : tunables    8     4    0 : slabdata   56   56    0
size-4096(DMA)       0      0   4096     1     1 : tunables   24    12    0 : slabdata    0    0    0
size-4096          1202    1202   4096     1     1 : tunables   24    12    0 : slabdata  1202  1202    0
size-2048(DMA)       0      0   2048     2     1 : tunables   24    12    0 : slabdata    0    0    0
size-2048           32     32   2048     2     1 : tunables   24    12    0 : slabdata   16   16    0
size-1024(DMA)       0      0   1024     4     1 : tunables   54    27    0 : slabdata    0    0    0
size-1024           48     48   1024     4     1 : tunables   54    27    0 : slabdata   12   12    0
size-512(DMA)        0      0   512      8     1 : tunables   54    27    0 : slabdata    0    0    0
size-512           144    144   512      8     1 : tunables   54    27    0 : slabdata   18   18    0
size-256(DMA)        0      0   256     15     1 : tunables  120    60    0 : slabdata    0    0    0
size-256            45     45   256     15     1 : tunables  120    60    0 : slabdata    3    3    0
size-192(DMA)        0      0   192     20     1 : tunables  120    60    0 : slabdata    0    0    0
size-192            820    820   192     20     1 : tunables  120    60    0 : slabdata   41   41    0
```

Kernel slab statistics

Kernel slab statistics

```
-----
size-128(DMA)        0      0   128     30     1 : tunables  120    60    0 : slabdata    0    0    0
size-128            796    810   128     30     1 : tunables  120    60    0 : slabdata   27   27    0
size-96(DMA)         0      0    96     40     1 : tunables  120    60    0 : slabdata    0    0    0
size-96            921    960    96     40     1 : tunables  120    60    0 : slabdata   24   24    0
size-64(DMA)         0      0    64     59     1 : tunables  120    60    0 : slabdata    0    0    0
size-32(DMA)         0      0    32    113     1 : tunables  120    60    0 : slabdata    0    0    0
size-64            277    295    64     59     1 : tunables  120    60    0 : slabdata    5    5    0
size-32            2772   2825    32    113     1 : tunables  120    60    0 : slabdata   25   25    0
kmem_cache          120    120    96     40     1 : tunables  120    60    0 : slabdata    3    3    0
```

Interrupts

CPU00

```
-----
2:      17593      MIPS wifi1
4:       931      MIPS bond0
6:        0      MIPS cascade
7:    289556      MIPS timer
18:        0    934x MISC cascade
19:      329    934x MISC serial
64:        0      ATH PCI wifi0
```

ERR: 0

Modules

```
ath_pktlog 15536 0 - Live 0xc01d0000
-----
wlan_scan_sta 10448 0 - Live 0xc0f84000
wlan_wep 5536 0 - Live 0xc0f04000
wlan_tkip 11456 0 - Live 0xc0f0d000
wlan_ccmp 9344 0 - Live 0xc0f00000
ath_pci 73648 0 - Live 0xc104b000
ath_dev 339872 2 ath_pktlog,ath_pci, Live 0xc0f30000
spectrum 18800 2 ath_pci,ath_dev, Live 0xc0f07000
dfs 40848 2 ath_dev,spectrum, Live 0xc0f25000
ath_rate_atheros 66064 3 ath_pktlog,ath_pci,ath_dev, Live 0xc0f13000
ath_hal 644800 6 ath_pktlog,ath_pci,ath_dev,spectrum, Live 0xc10e5000
wlan 661040 9 ath_pktlog,wlan_scan_sta,wlan_wep,wlan_tkip,wlan_ccmp,ath_pci,ath_dev, Live 0xc0f8f000
asap_mod 5795408 9 ath_pci,ath_dev,spectrum,ath_hal,wlan, Live 0xc01d5000
drvlog_mod 12544 3 ath_dev,wlan,asap_mod, Live 0xc0003000
athrs_gmac 48464 0 - Live 0xc0012000
```

DHCP Information

=====

```
listen-address=127.0.0.1
addn-hosts=/etc/ld_eth_hosts
addn-hosts=/etc/ld_ppp_hosts
dhcp-src=172.31.98.1
dhcp-leasefile=/tmp/dnsmasq.leases
dhcp-authoritative
filterwin2k
#magic-vlan
{
```



```
vlan-id=3333
dhcp-range=172.31.98.3,172.31.99.254,255.255.254.0,12h
dhcp-option=1,255.255.254.0
dhcp-option=3,172.31.98.1
dhcp-option=6,10.253.58.15
dhcp-option=15,capitalbank.kz
dhcp-option=54,172.31.98.1
}
role:1 ipaddr#127.0.0.1
get_dhcp_relay_config:169 The role(1) is master
get_dhcp_relay_config:186 vc_ip is:127.0.0.1
get_dhcp_relay_config:199 End of the file
get_dhcp_relay_config:201 end of file reached, returning with entries 1
main:568 Total db entry present 1
main:572 0 3333 7f000001 0 6
DHCP VLAN Id: 3333
DHCP Server Id: 172.31.98.1
DHCP Server Mask: 255.255.254.0
1437092722 5c:2e:59:2b:e7:77 172.31.99.2 3333 android-25cd4dfb7eda6b74 01:5c:2e:59:2b:e7:77
1437092677 e0:b9:a5:a7:de:e9 172.31.99.188 3333 Jan-PC 01:e0:b9:a5:a7:de:e9
```

Ethernet Duplex/Speed Settings

Autoneg	Speed (Mbps)	Duplex	Iface
on	1000	Full	bond0

Master discovered by:(none found)

Boot Version

1.5.2.7 (41761)

Power Status

Operational State	POE-AF: 802.3af
Current HW State	POE-AF: 802.3af
LLDP Negotiated POE Power	(not available)

Bandwidth Contracts Information

Received BWM Config:

ACL	DIR	Contract-ID	PerUser	UseCount	Rate
-----	-----	-------------	---------	----------	------

Allocated Contracts:

Contract-ID	Rate	UseCount	ACL	Available-Bytes	Max-Bytes	Policed-Bytes	Queued-Bytes	Queued-Pkts	Dropped-pkts
Bandwidth Contracts for cpu type 0 has 0 contracts									
BWM divisor for type:0 : 32(32)									
Bandwidth Contracts for cpu type 0 has 0 cp contracts									
Queued pkts in cpus:									

end of show ap debug system-status

show ap debug radio-stats 0

RADIO Stats

Parameter	Value
General	
Total Radio Resets	0
Resets Beacon Fail	0
BB Check Positives	0
Resets BeacQ Stuck	0
Resets Fatal Intr	0
Resets RX Overrun	0
Resets RF Gain	0
Resets MTU Change	0
Resets TX Timeouts	0
POE-Related Resets	0
External Reset	0
PCI Fatal Intr Reset	0
Chaimask Reset	0
TX stat Reset	0
TX Power Changes	0
Channel Changes	0
Radio Band Changes	0
Current Noise Floor	95
Dummy NF pkts on home channel	0
Dummy NF pkts on scan channel	0
Avail TX Buffers	512
11g Protection	0
Last TX Antenna	0
Last RX Antenna	0
Scan Requests	459
Scan Rejects	0
Load aware Scan Rejects	0
PS aware Scan Rejects	0
EAP Scan Rejects	0
Voice aware Scan Rejects	0
Video aware Scan Rejects	0
UAPSD Scan Rejects	0
Post radar related scan Rejects	0
CABQ traffic Scan Rejects	0
Radio Reset Scan Rejects	0
Queue Drain Scan Rejects	0

```
Scan Success 0
EIRP 0
MAX EIRP 0
Dummy012 0
Dummy013 0
Dummy014 0
Dummy015 0
Dummy016 0
Dummy017 0
Dummy018 0
Dummy019 0
Dummy020 0
Dummy021 0
Dummy022 0
----- Transmit
Tx Time perct @ beacon intvl 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Tx Frames Rcvd 0
Tx Bcast Frames Rcvd 0
Tx Frames Dropped 0
Tx Bcast Frames Dropped 0
Tx Frames Transmitted 0
Tx Bytes Rcvd 0
Tx Bytes Transmitted 0
Tx Time Frames Rcvd 0
Tx Time Frames Dropped 0
Tx Time Frames Transmitted 0
Tx PS Unicast 0
Tx DTIM Broadcast 0
Tx Success With Retry 0
Tx Multiple Retries 0
Tx Mgmt Frames 0
Tx Mgmt Frames(PPS) 0
Tx Beacons Transmitted 0
Tx Beacons Transmitted(PPS) 0
Tx Probe Responses 0
Tx Probe Responses(PPS) 0
Tx Data Transmitted Retried 0
Tx Data Transmitted 0
Tx Data Frames 0
Tx Broadcast Data Frames In 0
Tx Data Bytes Transmitted 0
Tx Data Bytes 0
Tx Time Data Transmitted 0
Tx Time BC/MC Data 0
Tx Time Data dropped 0
Tx Time Data 0
Tx Time Data (Ideal) 0
Client Health Samples 0
Tx Broadcast Data Frames Sent 0
Tx Broadcast Data Frames Sent(PPS) 0
Tx Multicast Data Frames 0
Tx Multicast Data Frames(PPS) 0
Tx DMO Multicast 0
Tx DMO Invalid 0
Tx DMO Converted 0
Tx DMO Replicated 0
Tx DMO Dropped 0
Tx DMO No Client 0
Tx DMO No BSSID 0
Tx Unicast Data Frames 0
Tx RTS Success 0
Tx RTS Failed 0
Tx CTS Frames 0
Tx CTS Frames(PPS) 0
Tx Powersave Queue Timeouts 0
Tx Dropped After Retry 0
Tx Dropped No Buffer 0
Tx Missed ACKs 0
Tx Failed Beacons 0
Tx Multi-Beacon Fail 0
Tx Long Preamble 0
Tx Short Preamble 0
Tx Beacon Interrupts 0
Tx Interrupts 0
Tx FIFO Underrun 0
Tx Allocated Desc 0
Tx Freed Desc 0
Tx EAPOL Frames 0
TX STBC Frames 0
TX LDPC Frames 0
Tx AGGR Good 0
Tx AGGR Unaggr 0
Tx Data Frames 12 Mbps (Mon) 0
Tx Data Frames 24 Mbps (Mon) 0
Tx Data Frames 36 Mbps (Mon) 0
Tx Data Frames 54 Mbps (Mon) 0
Tx Data Frames 108 Mbps (Mon) 0
Tx Data Frames 300 Mbps (Mon) 0
Tx Data Frames 300 Mbps+ (Mon) 0
Tx Data Bytes 12 Mbps (Mon) 0
Tx Data Bytes 24 Mbps (Mon) 0
Tx Data Bytes 36 Mbps (Mon) 0
Tx Data Bytes 54 Mbps (Mon) 0
Tx Data Bytes 108 Mbps (Mon) 0
Tx Data Bytes 300 Mbps (Mon) 0
Tx Data Bytes 300 Mbps+ (Mon) 0
Tx UAPSD OverflowDrop 0
TX Timeouts 0
Lost Carrier Events 0
Tx HT40 Hang Detected 0
Tx HT40 Hang Stuck 0
Tx HT40 Hang Possible 0
Tx HT40 Dfs IMM WAR 0
Tx HT40 Dfs HT20 WAR 0
```

Console

RADIO Stats	

Parameter	Value

<https://instant.arubanetworks.com:4343/#home>

```

Tx RTS Failed                                0
Tx CTS Frames                                0
Tx CTS Frames(PPS)                           0
Tx Powersave Queue Timeouts                  0
Tx Dropped After Retry                       487
Tx Dropped No Buffer                          0
Tx Missed ACKs                               1061
Tx Failed Beacons                            0
Tx Multi-Beacon Fail                         0
Tx Long Preamble                             1153
Tx Short Preamble                            1939
Tx Beacon Interrupts                         3485
Tx Interrupts                                6770
Tx FIFO Underrun                              0
Tx Allocated Desc                            3092
Tx Freed Desc                                3092
Tx EAPOL Frames                              0
Tx STBC Frames                               0
Tx LDPC Frames                               0
Tx AGGR Good                                 1933
Tx AGGR Unaggr                               259
Tx AGGR Retry                                244
Tx Data Priority [BE]                        1933
Tx Data Frames 12 Mbps (Mon)                 1
Tx Data Frames 24 Mbps (Mon)                 0
Tx Data Frames 36 Mbps (Mon)                 1
Tx Data Frames 54 Mbps (Mon)                 65
Tx Data Frames 108 Mbps (Mon)                1866
Tx Data Frames 300 Mbps (Mon)                0
Tx Data Frames 300 Mbps+ (Mon)               0
Tx Data Bytes 12 Mbps (Mon)                 144
Tx Data Bytes 24 Mbps (Mon)                 0
Tx Data Bytes 36 Mbps (Mon)                 94
Tx Data Bytes 54 Mbps (Mon)                11124
Tx Data Bytes 108 Mbps (Mon)               530336
Tx Data Bytes 300 Mbps (Mon)                0
Tx Data Bytes 300 Mbps+ (Mon)               0
Tx 1 Mbps                                   1159
Tx 5.5 Mbps [Short]                         207
Tx 11 Mbps [Short]                          1
Tx 36 Mbps                                  1
Tx 48 Mbps                                  1
Tx 54 Mbps                                  1
Tx HT 43.3 Mbps                             37
Tx HT 52 Mbps                               5
Tx HT 57.8 Mbps                             18
Tx HT 58.5 Mbps                             7
Tx HT 65 Mbps                               129
Tx HT 72.2 Mbps                             1723
Tx WMM [BE]                                 1933
Tx UAPSD OverflowDrop                       0
Tx Timeouts                                0
Lost Carrier Events                         0
Tx HT40 Hang Detected                       0
Tx HT40 Hang Stuck                         0
Tx HT40 Hang Possible                      0
Tx HT40 Dfs IMM WAR                        0
Tx HT40 Dfs HT20 WAR                      0
Tx MAC/BB Hang Stuck                       0
Tx Mgmt Bytes                              915154
Tx Beacons Bytes                           616314
Tx AMSDU pkt count                         0
-----
Rx Last SNR                                50
Rx Last SNR CTL0                           46
Rx Last SNR CTL1                           48
Rx Last ACK SNR                             59
Rx Last ACK SNR CTL0                       55
Rx Last ACK SNR CTL1                       56
Rx Frames Received                         8129
Rx Good Frames                             7856
Rx Bad Frames                              273
Rx Total Data Frames Recvd                 2971
Rx Total Mgmt Frames Recvd                 1286
Rx Total Control Frames Recvd              3599
Rx Total Bytes Recvd                       1019709
Rx Total Data Bytes Recvd                  792184
Rx Total RTS Frames Recvd                  1675
Rx Total CTS Frames Recvd                  90
Rx Total ACK Frames                        934
Rx Total Beacons Received                  58
Rx Total Probe Requests                   1242
Rx Total Probe Responses                   23
Rx Retry Frames                           122
Channel Busy 1s                           1
Channel Busy 4s                           1
Channel Busy 64s                           2
Ch Busy perct @ beacon intvl              1 2 1 2 0 5 1 1 2 0 1 2 2 1 1 1 1 7 1 5 0 2 1 4 1 2 2 1 1
Rx Time perct @ beacon intvl              0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 2 0 1 0 0 0 3 0 0 0 0 0
Rx Discarded Events                        0
Rx ARM Scan Frames                         361
Rx Data Frames Retried                     115
Rx Data Frames                             2363
Rx Data Frames(PPS)                        0
Rx Data Bytes                             383432
Rx Time Data                              176533
Rx Duplicate Frames                        0
Rx Broadcast Data Frames                   77
Rx Multicast Data Frames                   257
Rx Unicast Data Frames                     2029
Rx Null Data Frames                       97
Rx Mgmt Frames                             298
Rx Mgmt Frames(PPS)                       0
Rx Control Frames                         3644

```

```
Rx Control Frames(PPS)          0
Rx Frames To Me                  6035
Rx Bytes To Me                   463480
Rx Time To Me                    380249
Rx Broadcast Frames              276
Rx Probe Requests                199
Rx Probe Requests(PPS)          0
Rx RTS Frames                    1675
Rx RTS Frames(PPS)               0
Rx CTS Frames                    68
Rx CTS Frames(PPS)               0
Rx PS Poll Frames                18
Rx CRC Errors                    273
Rx PLCP Errors                   0
Rx Frames Dropped                1104
Rx PHY Events                    2284
Rx RADAR Events                  0
RX Interrupts                    9722
RX Overrun                       0
Rx Undecryptable                 0
Rx STBC Frames                   46
Rx LDPC Frames                   0
Rx Data Priority [BE]            2197
Rx Data Frames 12 Mbps (Mon)     58
Rx Data Frames 24 Mbps (Mon)     19
Rx Data Frames 36 Mbps (Mon)     4
Rx Data Frames 54 Mbps (Mon)     14
Rx Data Frames 108 Mbps (Mon)    2212
Rx Data Frames 300 Mbps (Mon)    56
Rx Data Frames 300 Mbps+ (Mon)   0
Rx Data Bytes 12 Mbps (Mon)      6943
Rx Data Bytes 24 Mbps (Mon)      2149
Rx Data Bytes 36 Mbps (Mon)      550
Rx Data Bytes 54 Mbps (Mon)      1640
Rx Data Bytes 108 Mbps (Mon)     359503
Rx Data Bytes 300 Mbps (Mon)     12647
Rx Data Bytes 300 Mbps+ (Mon)    0
Rx 1 Mbps                        2096
Rx 2 Mbps (Long)                 8
Rx 5.5 Mbps (Long)               204
Rx 5.5 Mbps (Short)              2
Rx 11 Mbps (Long)                376
Rx 11 Mbps (Short)               1
Rx 6 Mbps                        4
Rx 12 Mbps                       168
Rx 24 Mbps                       3554
Rx 36 Mbps                       143
Rx HT 6.5 Mbps                   1
Rx HT 13 Mbps                    4
Rx HT 19.5 Mbps                  1
Rx HT 26 Mbps                    4
Rx HT 52 Mbps                    14
Rx HT 58.5 Mbps                  96
Rx HT 65 Mbps                    527
Rx HT 72.2 Mbps                  1645
Rx WMM [BE]                      2197
RX bad length                    0
Rx Null Src MAC                  0
-----
SLB: Probe Requests Sent         0
SLB: Probe Responses Sent        0
SLB: Probe Requests Received     0
SLB: Probe Response Received    0
SLB: Probe Requests Ignored     0
SLB: Auth Requests Refused       0
SLB: Assoc Requests Refused     0
Rx Managment Frames Dropped      1104
SNR from CTL0                    218
Throttle drops                   534
Stop all but Mgmt                0
Deauth pending assoc failed      0
Not authenticated assoc failed   0
AUTH from driver assoc failed    0
AUTH from apstm assoc failed     0

end of show ap debug radio-stats 1
=====

show ap debug client-match

Client Match is disabled:Client match is not configured
end of show ap debug client-match
=====

show ap client-probe-report 0

end of show ap client-probe-report 0
=====

show ap client-probe-report 1

AP Client Probe Report for Wifi1 (2G)
-----
MAC          RSSI  In Swarm  Flags  Matched  Received
-----
18:cf:5e:f1:2e:00  22   No        2      -        2m:50s
c4:9a:02:5c:55:60  41   No        2      -        5m:32s
b8:ee:65:84:35:71  24   No        2      -        16s
4c:7c:5f:db:d0:c1  20   No        2      -        4m:37s
b0:10:41:c7:dd:b1  53   No        4      -        10s
dc:85:de:04:44:31  56   No        N      -        45s
```

```
d0:53:49:7e:93:f2 30 No 2 - 53s
18:cf:5e:f1:2e:02 10 No 2 - 1m:27s
18:cf:5e:11:73:c2 23 No 2 - 1m:17s
f4:09:d8:b0:27:f2 47 No 2 - 1m:6s
18:cf:5e:f1:35:12 20 No 2 - 1m:36s
f8:a9:d0:65:26:03 6 No N - 25s
a4:5e:60:8d:9a:13 7 No 2 - 2m:47s
18:cf:5e:f1:30:43 59 No 2 - 1m:7s
18:cf:5e:f1:35:13 66 No 2 - 1m:21s
c4:8e:8f:ae:78:c3 16 No 4 - 22s
f4:09:d8:00:22:84 6 No 2 - 45s
88:30:8a:37:d3:d4 10 No 2 - 5m:26s
18:cf:5e:f1:30:44 21 No 2 - 1m:39s
00:40:5a:ef:98:c4 9 No N - 11s
b0:48:7a:ff:61:14 4 No N - 5m:55s
2c:8a:72:d8:b1:85 16 No 2 - 5m:7s
82:34:5d:bf:f8:45 19 No 2 - 54s
bc:4c:c4:99:9f:96 15 No 2 - 1m:26s
b8:ee:65:84:3c:26 24 No 2 - 2m:50s
60:67:20:95:ec:06 8 No 2 - 2m:46s
5c:2e:59:2b:e7:77 47 Yes 2 - 10s
b0:10:41:c7:80:57 42 No 4 - 1m:24s
68:05:71:1a:af:a7 11 No 2 - 1m:20s
18:cf:5e:f1:35:28 17 No 2 - 1m:50s
a4:5e:60:41:47:19 6 No N - 59s
b0:10:41:c7:80:09 11 No 4 - 6s
e0:b9:a5:a7:de:e9 52 Yes 2 - 1s
b8:ee:65:84:4f:6a 22 No 2 - 6s
f0:24:75:db:20:da 10 No 2 - 4m:57s
60:92:17:18:25:aa 12 No 2 - 3s
f0:27:65:4a:2e:fb 7 No 2 - 41s
b0:48:7a:ff:60:fc 7 No N - 3m:29s
60:92:17:3c:8b:1f 21 No 2 - 3m:16s
c6:77:3a:83:b9:3f 6 No 2 - 5m:57s

Total 40 Stations
Client Flags: V - Voice; U - Unutterable; S - Stationing;
              2 - HT 20; 4 - HT 40; 8 - VHT 80/80+; N - HT None

end of show ap client-probe-report 1
=====

show ap client-match-refused 0

Last Refused Clients Table
-----
MAC RSSI Refused Count Last Refused Time
---
-----

end of show ap client-match-refused 0
=====

show ap client-match-refused 1

Last Refused Clients Table
-----
MAC RSSI Refused Count Last Refused Time
---
-----

end of show ap client-match-refused 1
=====

show ap client-view

Client Match is disabled:Client match is not configured
end of show ap client-view
=====

show ap virtual-beacon-report

Client Match is disabled:Client match is not configured
end of show ap virtual-beacon-report
=====

show ap client-match-live

Client Match is disabled:Client match is not configured
end of show ap client-match-live
=====

show ap client-match-history

Client Match is disabled:Client match is not configured
end of show ap client-match-history
=====

show ap client-match-actions

Client Match is disabled:Client match is not configured
end of show ap client-match-actions
=====

show ap client-match-triggers

Client Match is disabled:Client match is not configured
end of show ap client-match-triggers
```

```
show ap arm rf-summary
```

channel	retry	phy-err	mac-err	noise	util(Qual)	cov-idx(Total)	intf_idx(Total)
36	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
40	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
44	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
48	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
52	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
56	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
60	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
64	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
100	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
104	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
108	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
112	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
116	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
120	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
124	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
128	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
132	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
136	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
140	0	0	0	0	0/0/0/0/0	0/0(0)	0/0//0/0(0)
1	0	0	0	91	0/0/0/0/99	0/0(0)	12/1//0/0(13)
6	0	0	0	95	2/0/1/0/99	7/0(7)	4/2//0/0(6)
11	0	0	0	91	1/0/0/0/99	0/0(0)	0/1//0/0(1)

```
Columns:util(Qual): ch-util/rx/tx/ext-ch-util/quality
```

channel_pair	Pairwise_intf_index
116-120	0
52-56	0
100-104	0
124-128	0
36-40	0
60-64	0
108-112	0
132-136	0
44-48	0

```
Interface Name           :wifi0
Current ARM Assignment   :364/Max
Covered channels a/g     :1/0
Free channels a/g        :17/0
ARM Edge State           :disable
Last check channel/pwr   :0s/8m:7s
Last change channel/pwr  :8m:7s/8m:7s
Next Check channel/pwr   :4m:0s/0s
Assignment Mode           :Single Band
```

```
Interface Name           :wifi1
Current ARM Assignment   :6/21
Covered channels a/g     :0/1
Free channels a/g        :0/2
ARM Edge State           :disable
Last check channel/pwr   :0s/0s
Last change channel/pwr  :8m:7s/5m:45s
Next Check channel/pwr   :4m:0s/4m:0s
Assignment Mode           :Single Band
```

Channel quality history:wifi0

[illegible]


```
:N: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:s: 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100
:U: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
100:Q: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:c: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:N: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:s: 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100
:U: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
112:Q: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:c: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:N: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:s: 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100
:U: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
124:Q: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:c: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:N: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:s: 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100
:U: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
128:Q: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:c: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:N: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:s: 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100
:U: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
132:Q: 0
:c: 0
:N: 0
:s: 100
:U: 0
136:Q: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:c: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:N: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:s: 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100
:U: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
140:Q: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:c: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:N: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:s: 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100
:U: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
```

```
Channel quality history:wifi1
1:Q: 99 99 99 99 98 100 100 99 99 100 100 100 99 99 100 100 100 100 100 100
:c: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:N: 91 91 91 92 91 91 92 91 91 91 92 92 92 92 91 92 91 92 91 92
:s: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:U: 1 1 1 1 2 0 0 0 1 1 0 0 0 1 1 0 0 0 0 0
6:Q: 99 99 99 99 99 100 100 100 100 100 100 100 100 100 100 100 99 99 99 99
:c: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:N: *95 *95 *95 *95 *95 *95 *95 *95 *95 *95 *95 *95 *95 *95 *92 *92 *95 *95 *95 *95
:s: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:U: 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1
:R: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11:Q: 99 99 100 100 100 100 100 100 100 100 99 99 100 100 100 100 0 0 0 0
:c: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
:N: 91 91 91 91 91 91 91 91 91 91 90 91 91 91 91 91 0 0 0 0
:s: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 100 100 100 100
:U: 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
```

```
end of show ap arm rf-summary
=====

show ap arm history

Interface :wifi0
Interface :wifi1
ARM History
-----
Time of Change      Old Channel  New Channel  Old Power  New Power  Reason
-----
2015-07-16 18:24:04  6           6           Max       21         P-
I: Interference, R: Radar detection, N: Noise exceeded, Q: Bad Channel Quality E: Error threshold exceeded, INV: Invalid Channel, G: Rogue AP Containn
end of show ap arm history
=====

show ap monitor ap-list
```

Monitored AP Table

bssid	essid	chan	ap-type	phy-type	dos	dt/mt	ut/it	enchr	nstas	avg-snr	curr-snr	avg-rssi
94:b4:0f:bf:84:40	instant	6	valid	80211b/g-HT-20	disable	346/346	4/3	open	2	35	35	60
c4:6e:1f:5c:e3:94	Oriental technology	6	interfering	80211b/g-HT-40	disable	337/337	19/18	wpa-psk-tkip	0	4	4	90
84:db:ac:58:17:e3	ALTEL4G-5817E3	1	interfering	80211b/g-HT-20	disable	241/15	185/11	wpa2-psk-aes	0	0	6	0
10:a5:d0:8d:e0:42	Tanya	1	interfering	80211b/g-HT-20	disable	49/3	29/1	wpa2-psk-aes	0	6	6	89

```
Start:0
Length:4
Total:4
end of show ap monitor ap-list
=====

show clock

Current Time      :2015-07-16 18:30:01
end of show clock
=====

show cert all

Default Server Certificate:
Version      :3

https://instant.arubanetworks.com:4343/#home
```

```
Serial Number :01:DA:52
Issuer :/C=US/O=GeoTrust Inc./OU=Domain Validated SSL/CN=GeoTrust DV SSL CA
Subject :/serialNumber=1lUge2fRPkwcJe7boLSVdsKOFK8wv3MF/C=US/O=securelogin.arubanetworks.com/OU=GT28470348/OU=See www.geotrust.com/resources/cps
Issued On :May 11 01:22:10 2011 GMT
Expires On :Aug 11 04:40:59 2017 GMT
Signed Using :SHA1-RSA
RSA Key size :2048 bits

Default CP Server Certificate:
Version :3
Serial Number :01:DA:52
Issuer :/C=US/O=GeoTrust Inc./OU=Domain Validated SSL/CN=GeoTrust DV SSL CA
Subject :/serialNumber=1lUge2fRPkwcJe7boLSVdsKOFK8wv3MF/C=US/O=securelogin.arubanetworks.com/OU=GT28470348/OU=See www.geotrust.com/resources/cps
Issued On :May 11 01:22:10 2011 GMT
Expires On :Aug 11 04:40:59 2017 GMT
Signed Using :SHA1-RSA
RSA Key size :2048 bits

end of show cert all
=====

show captive-portal-domains

Internal Captive Portal Domain:
securelogin.arubanetworks.com

External Captive Portal Domains:
localhost

end of show captive-portal-domains
=====

show ap mesh link
end of show ap mesh link
=====

show ap allowed-channels

Allowed Channels for AP Type 103 Country Code TR
-----
PHY Type Allowed Channels
-----
802.11g (indoor) 1 2 3 4 5 6 7 8 9 10 11 12 13
802.11a (indoor) 36 40 44 48 52 56 60 64 100 104 108 112 116 120 124 128 132 136 140
802.11g (outdoor) 1 2 3 4 5 6 7 8 9 10 11 12 13
802.11a (outdoor) 100 104 108 112 116 120 124 128 132 136 140
802.11g 40MHz (indoor) 1-5 2-6 3-7 4-8 5-9 6-10 7-11 8-12 9-13
802.11a 40MHz (indoor) 36-40 44-48 52-56 60-64 100-104 108-112 116-120 124-128 132-136
802.11g 40MHz (outdoor) 1-5 2-6 3-7 4-8 5-9 6-10 7-11 8-12 9-13
802.11a 40MHz (outdoor) 100-104 108-112 116-120 124-128 132-136
802.11a (DFS) 52 56 60 64 100 104 108 112 116 120 124 128 132 136 140
end of show ap allowed-channels
=====

show ap allowed-max-EIRP

Max EIRP setting for AP-103
-----
Channel 1 2 3 4 5 6 7 8 9 10 11 12 13 14 36 40 44 48 52 56 60 64 100 104 108 112 116 120 124 128 132 136 140
-----
b 18 18 18 18 18 18 18 18 18 18 18 18 18 * * * * * * * * * * * * * * *
g/a 19 19 19 19 19 19 19 19 19 19 19 19 19 * 21 21 21 21 21 21 21 21 24 24 24 24 25 25 25 25 25 25
HT 20 19 19 19 19 19 19 19 19 19 19 19 19 * 21 21 21 21 21 21 21 21 24 24 24 24 25 25 25 25 25 25
HT 40 19 19 19 19 19 19 19 19 18 18 19 19 18 * 21 21 21 21 21 21 21 21 23 23 23 24 24 24 24 24 24 24
end of show ap allowed-max-EIRP
=====

show log driver

11652 aruba100: Ageout Set to 1000
Thu Jul 16 12:24:03 2015:21 0.011690 aruba100: WMM ENABLED
Thu Jul 16 12:24:03 2015:22 0.011727 aruba100: VAP CONFIG DONE
Thu Jul 16 12:24:03 2015:23 0.059138 wifi1: Country Code Set to TR
Thu Jul 16 12:24:03 2015:24 0.065866 wifi1:(3) EIRP (Config: 0.-5dBm, Set: 18.0dBm, AP Max: 18.0dBm, Reg Max: 19dBm), Conducted Power Set: 18
Thu Jul 16 12:24:03 2015:25 0.065945 wifi1: Channel Set to 6 (mesh-mode: 0, state: 0)
Thu Jul 16 12:24:03 2015:26 0.065990 wifi1: Internal Antenna Gain Set to 4.0 dBi for 2.4 GHz
Thu Jul 16 12:24:03 2015:27 0.066031 wifi1: Internal Antenna Selected
Thu Jul 16 12:24:03 2015:28 0.066108 wifi1:(4) EIRP (Config: 63.5dBm, Set: 19.0dBm, AP Max: 22.0dBm, Reg Max: 19dBm), Conducted Power Set: 19
Thu Jul 16 12:24:03 2015:29 0.066173 wifi1: radio-id 1 initialised acktimeout 25, ctstimeout: 48 , slottime: 9 (usecs)
Thu Jul 16 12:24:03 2015:30 0.066229 wifi1: requested distance 600 (metres) set acktimeout 25 (req:25), ctstimeout: 48 slottime: 9 (usecs). r
Thu Jul 16 12:24:03 2015:31 0.066285 wifi1: disabling 40Mhz
Thu Jul 16 12:24:03 2015:32 0.066320 aruba100: enabling HT on 1/1
Thu Jul 16 12:24:03 2015:33 0.066373 wifi1: RADIO CONFIG DONE
Thu Jul 16 12:24:03 2015:34 0.066408 FREE MEMORY 53504(kB)
Thu Jul 16 12:24:03 2015: vap_device_event: dev aruba100 (1:0) is up
Thu Jul 16 12:24:03 2015:35 0.088834 aruba100: Scheduling VAP CONFIG update
Thu Jul 16 12:24:03 2015:36 0.088936 aruba100: Max_Clients Set to 64
Thu Jul 16 12:24:03 2015:37 0.088978 aruba100: ESSID Set to instant
Thu Jul 16 12:24:03 2015:38 0.089014 aruba100: Ageout Set to 1000
Thu Jul 16 12:24:03 2015:39 0.089056 aruba100: VAP CONFIG DONE
Thu Jul 16 12:24:03 2015:40 0.109960 aruba100: Scheduling VAP CONFIG update
Thu Jul 16 12:24:03 2015:41 0.110616 aruba100: Ageout Set to 1000
Thu Jul 16 12:24:03 2015:42 0.110672 aruba100: VAP CONFIG DONE
Thu Jul 16 12:24:04 2015:43 0.200468 wifi1: Scheduling RADIO CONFIG update
Thu Jul 16 12:24:04 2015:44 0.203678 wifi1: Country Code Set to TR
Thu Jul 16 12:24:04 2015:45 0.210443 wifi1:(3) EIRP (Config: 63.5dBm, Set: 19.0dBm, AP Max: 22.0dBm, Reg Max: 19dBm), Conducted Power Set: 19
Thu Jul 16 12:24:04 2015:46 0.210525 wifi1: Channel Set to 6 (mesh-mode: 0, state: 5)
Thu Jul 16 12:24:04 2015:47 0.210570 wifi1: Internal Antenna Gain Set to 4.0 dBi for 2.4 GHz
Thu Jul 16 12:24:04 2015:48 0.210611 wifi1: Internal Antenna Selected
Thu Jul 16 12:24:04 2015:49 0.210650 wifi1: disabling 40Mhz
Thu Jul 16 12:24:04 2015:50 0.210696 wifi1: RADIO CONFIG DONE
```

```
Thu Jul 16 12:24:04 2015:51      0.210732 FREE MEMORY 53600(kB)
Thu Jul 16 12:24:04 2015:52      0.226385 wifi1: Scheduling RADIO CONFIG update
Thu Jul 16 12:24:04 2015:53      0.229667 wifi1: Country Code Set to TR
Thu Jul 16 12:24:04 2015:54      0.236429 wifi1:(3) EIRP (Config: 63.5dBm, Set: 19.0dBm, AP Max: 22.0dBm, Reg Max: 19dBm), Conducted Power Set: 15
Thu Jul 16 12:24:04 2015:55      0.236512 wifi1: Channel Set to 6 (mesh-mode: 0, state: 5)
Thu Jul 16 12:24:04 2015:56      0.236556 wifi1: Internal Antenna Gain Set to 4.0 dBi for 2.4 GHz
Thu Jul 16 12:24:04 2015:57      0.236598 wifi1: Internal Antenna Selected
Thu Jul 16 12:24:04 2015:58      0.236678 wifi1:(4) EIRP (Config: 21.0dBm, Set: 19.0dBm, AP Max: 22.0dBm, Reg Max: 19dBm), Conducted Power Set: 15
Thu Jul 16 12:24:04 2015:59      0.236742 wifi1: disabling 40Mhz
Thu Jul 16 12:24:04 2015:60      0.236788 wifi1: RADIO CONFIG DONE
Thu Jul 16 12:24:04 2015:61      0.236823 FREE MEMORY 53600(kB)
wifi1: no IPv6 routers present
```

Driver Log

```
-----
Current Log Level 3 Log Counter 62 Timestamp 358.482245
1      0.000000 wifi1: radio-id 1 initialised acktimeout 25 (usecs)
2      0.009977 aruba100: Scheduling VAP CONFIG update
3      0.010938 aruba100: Encryption Mode Set to 1
4      0.010995 aruba100: WPS Mode Set to 0
5      0.011033 aruba100: HT Mode Set to 1
6      0.011068 aruba100: 40mhz enable to 1
7      0.011103 aruba100: 20mhz GI to 1
8      0.011137 aruba100: 40mhz GI to 1
9      0.011172 aruba100: STBC TX streams to 1
10     0.011207 aruba100: STBC RX streams to 1
11     0.011243 aruba100: LDPC enable to 1
12     0.011281 aruba100: A-MPDU: Enabled, Tx Max 65535 Rx Max 3 Min Spacing 7
13     0.011329 aruba100: Basic Rate Set to 3
14     0.011365 aruba100: Supported Rate Set to fff
15     0.011466 aruba100: DTIM Period Set to 1
16     0.011503 aruba100: Max_Clients Set to 128
17     0.011543 aruba100: ESSID Set to Aruba-ap
18     0.011578 aruba100: Max Retries Set to 64
19     0.011614 aruba100: RTS Threshold Set to 2333
20     0.011652 aruba100: Ageout Set to 1000
21     0.011690 aruba100: WMM ENABLED
22     0.011727 aruba100: VAP CONFIG DONE
23     0.059138 wifi1: Country Code Set to TR
24     0.065866 wifi1:(3) EIRP (Config: 0.-5dBm, Set: 18.0dBm, AP Max: 18.0dBm, Reg Max: 19dBm), Conducted Power Set: 18.0dBm, Gain: 0.0dBm
25     0.065945 wifi1: Channel Set to 6 (mesh-mode: 0, state: 0)
26     0.065990 wifi1: Internal Antenna Gain Set to 4.0 dBi for 2.4 GHz
27     0.066031 wifi1: Internal Antenna Selected
28     0.066108 wifi1:(4) EIRP (Config: 63.5dBm, Set: 19.0dBm, AP Max: 22.0dBm, Reg Max: 19dBm), Conducted Power Set: 15.0dBm, Gain: 4.0dBm
29     0.066173 wifi1: radio-id 1 initialised acktimeout 25, ctstimeout: 48 , slottime: 9 (usecs)
30     0.066229 wifi1: requested distance 600 (metres) set acktimeout 25 (req:25), ctstimeout: 48 slottime: 9 (usecs). ret: 0
31     0.066285 wifi1: disabling 40Mhz
32     0.066320 aruba100: enabling HT on 1/1
33     0.066373 wifi1: RADIO CONFIG DONE
34     0.066408 FREE MEMORY 53504(kB)
35     0.088834 aruba100: Scheduling VAP CONFIG update
36     0.088936 aruba100: Max_Clients Set to 64
37     0.088978 aruba100: ESSID Set to instant
38     0.089014 aruba100: Ageout Set to 1000
39     0.089056 aruba100: VAP CONFIG DONE
40     0.109960 aruba100: Scheduling VAP CONFIG update
41     0.110616 aruba100: Ageout Set to 1000
42     0.110672 aruba100: VAP CONFIG DONE
43     0.200468 wifi1: Scheduling RADIO CONFIG update
44     0.203678 wifi1: Country Code Set to TR
45     0.210443 wifi1:(3) EIRP (Config: 63.5dBm, Set: 19.0dBm, AP Max: 22.0dBm, Reg Max: 19dBm), Conducted Power Set: 15.0dBm, Gain: 4.0dBm
46     0.210525 wifi1: Channel Set to 6 (mesh-mode: 0, state: 5)
47     0.210570 wifi1: Internal Antenna Gain Set to 4.0 dBi for 2.4 GHz
48     0.210611 wifi1: Internal Antenna Selected
49     0.210650 wifi1: disabling 40Mhz
50     0.210696 wifi1: RADIO CONFIG DONE
51     0.210732 FREE MEMORY 53600(kB)
52     0.226385 wifi1: Scheduling RADIO CONFIG update
53     0.229667 wifi1: Country Code Set to TR
54     0.236429 wifi1:(3) EIRP (Config: 63.5dBm, Set: 19.0dBm, AP Max: 22.0dBm, Reg Max: 19dBm), Conducted Power Set: 15.0dBm, Gain: 4.0dBm
55     0.236512 wifi1: Channel Set to 6 (mesh-mode: 0, state: 5)
56     0.236556 wifi1: Internal Antenna Gain Set to 4.0 dBi for 2.4 GHz
57     0.236598 wifi1: Internal Antenna Selected
58     0.236678 wifi1:(4) EIRP (Config: 21.0dBm, Set: 19.0dBm, AP Max: 22.0dBm, Reg Max: 19dBm), Conducted Power Set: 15.0dBm, Gain: 4.0dBm
59     0.236742 wifi1: disabling 40Mhz
60     0.236788 wifi1: RADIO CONFIG DONE
61     0.236823 FREE MEMORY 53600(kB)
end of show log driver
=====
```

show log kernel

```
DRCONF(NETDEV_UP): bond0: link is not ready
drvlog_mod: module license 'Proprietary' taints kernel.
AP xml model 76, num_radios 2 (jiffies 16568)
init_asap_mod: installation:0
radio 0: band 1 ant 0 max_ssid 16
radio 1: band 0 ant 0 max_ssid 16
election init: rand=d HZ=500
IAP client match init
Kernel watchdog refresh ended.

Enet:0 port0 up
athr_gmac_poll_link: unit 0 link change to up
ATH_MAC_TIMER: enet unit:0 is up...
Mii 100Mbps full duplex
ATH_MAC_TIMER: Done cfg2 0x7235 ifctl 0x0 miictrl
ADDRCONF(NETDEV_CHANGE): bond0: link becomes ready
ip_time_handler: Got ip and packets on bond0 Started master election 5-0, rand 33
br0: no IPv6 routers present
bond0: no IPv6 routers present
wlan: 0.8.4.2 (Atheros/multi-bss)
ath_hal: 0.9.17.1 (AR5416, AR9380, REGOPS_FUNC, PRIVATE_DIAG, WRITE_EEPROM, 11D)
ath_rate_atheros: Copyright (c) 2001-2005 Atheros Communications, Inc, All Rights Reserved
```

```
ath_rate_atheros: Aruba Networks Rate Control Algorithm
ath_dfs: Version 2.0.0
Copyright (c) 2005-2006 Atheros Communications, Inc. All Rights Reserved
ath_spectrum: Version 2.0.0
Copyright (c) 2005-2006 Atheros Communications, Inc. All Rights Reserved
ath_dev: Copyright (c) 2001-2007 Atheros Communications, Inc, All Rights Reserved
ath_pci: 0.9.4.5 (Atheros/multi-bss)
PCI: Setting latency timer of device 0000:00:00.0 to 64
Restoring Cal data from Flash
Reading from Addr: 0xbffe5000
ath_attach: scn 85fe0280 sc 85fe0000 ah 87e40000
wifi0: Base BSSID 94:b4:0f:bf:84:50, 16 available BSSID(s)
bond0 address=94:b4:0f:c3:f8:44
br0 address=94:b4:0f:c3:f8:44
wifi0: AP type AP-103, radio 0, max_bssids 16
wifi0: Atheros 9580: mem=0x10000000, irq=64 hw_base=0xb0000000
ath_ahb: 0.9.4.5 (Atheros/multi-bss)
ath_ahb: init_ath_wmac
Enterprise mode: 0x00000000
Restoring Cal data from Flash
Reading from Addr: 0xbffe1000
ath_attach: scn 87fa0280 sc 87fc0000 ah 85000000
wifi1: Base BSSID 94:b4:0f:bf:84:40, 16 available BSSID(s)
bond0 address=94:b4:0f:c3:f8:44
br0 address=94:b4:0f:c3:f8:44
wifi1: AP type AP-103, radio 1, max_bssids 16
wifi1: Atheros 9340: mem=0xb8100000, irq=2
process `snmpd_sap' is using obsolete setsockopt SO_BSDCOMPAT
i am master now
(12:21:37) !!! Init ---> Master
asap_send_elected_master: sent successfully
Thu Jul 16 12:24:03 2015:1      0.000000 wifi1: radio-id 1 initialised acktimeout 25 (usecs)
Thu Jul 16 12:24:03 2015:vap_device_event: dev aruba100 (1:0) has been registered
Thu Jul 16 12:24:03 2015:2      0.009977 aruba100: Scheduling VAP CONFIG update
Thu Jul 16 12:24:03 2015:3      0.010938 aruba100: Encryption Mode Set to 1
Thu Jul 16 12:24:03 2015:4      0.010995 aruba100: WPS Mode Set to 0
Thu Jul 16 12:24:03 2015:5      0.011033 aruba100: HT Mode Set to 1
Thu Jul 16 12:24:03 2015:6      0.011068 aruba100: 40mhz enable to 1
Thu Jul 16 12:24:03 2015:7      0.011103 aruba100: 20mhz GI to 1
Thu Jul 16 12:24:03 2015:8      0.011137 aruba100: 40mhz GI to 1
Thu Jul 16 12:24:03 2015:9      0.011172 aruba100: STBC TX streams to 1
Thu Jul 16 12:24:03 2015:10     0.011207 aruba100: STBC RX streams to 1
Thu Jul 16 12:24:03 2015:11     0.011243 aruba100: LDPC enable to 1
Thu Jul 16 12:24:03 2015:12     0.011281 aruba100: A-MPDU: Enabled, Tx Max 65535 Rx Max 3 Min Spacing 7
Thu Jul 16 12:24:03 2015:13     0.011329 aruba100: Basic Rate Set to 3
Thu Jul 16 12:24:03 2015:14     0.011365 aruba100: Supported Rate Set to fff
Thu Jul 16 12:24:03 2015:15     0.011466 aruba100: DTIM Period Set to 1
Thu Jul 16 12:24:03 2015:16     0.011503 aruba100: Max_Clients Set to 128
Thu Jul 16 12:24:03 2015:17     0.011543 aruba100: ESSID Set to Aruba-ap
Thu Jul 16 12:24:03 2015:18     0.011578 aruba100: Max Retries Set to 64
Thu Jul 16 12:24:03 2015:19     0.011614 aruba100: RTS Threshold Set to 2333
Thu Jul 16 12:24:03 2015:20     0.011652 aruba100: Ageout Set to 1000
Thu Jul 16 12:24:03 2015:21     0.011690 aruba100: WMM ENABLED
Thu Jul 16 12:24:03 2015:22     0.011727 aruba100: VAP CONFIG DONE
Thu Jul 16 12:24:03 2015:23     0.059138 wifi1: Country Code Set to TR
Thu Jul 16 12:24:03 2015:24     0.065866 wifi1:(3) EIRP (Config: 0.-5dBm, Set: 18.0dBm, AP Max: 18.0dBm, Reg Max: 19dBm), Conducted Power Set: 15
Thu Jul 16 12:24:03 2015:25     0.065945 wifi1: Channel Set to 6 (mesh-mode: 0, state: 0)
Thu Jul 16 12:24:03 2015:26     0.065990 wifi1: Internal Antenna Gain Set to 4.0 dBi for 2.4 GHz
Thu Jul 16 12:24:03 2015:27     0.066031 wifi1: Internal Antenna Selected
Thu Jul 16 12:24:03 2015:28     0.066108 wifi1:(4) EIRP (Config: 63.5dBm, Set: 19.0dBm, AP Max: 22.0dBm, Reg Max: 19dBm), Conducted Power Set: 15
Thu Jul 16 12:24:03 2015:29     0.066173 wifi1: radio-id 1 initialised acktimeout 25, ctstimeout: 48 , slottime: 9 (usecs)
Thu Jul 16 12:24:03 2015:30     0.066229 wifi1: requested distance 600 (metres) set acktimeout 25 (req:25), ctstimeout: 48 slottime: 9 (usecs). r
Thu Jul 16 12:24:03 2015:31     0.066285 wifi1: disabling 40Mhz
Thu Jul 16 12:24:03 2015:32     0.066320 aruba100: enabling HT on 1/1
Thu Jul 16 12:24:03 2015:33     0.066373 wifi1: RADIO CONFIG DONE
Thu Jul 16 12:24:03 2015:34     0.066408 FREE MEMORY 53504(kB)
Thu Jul 16 12:24:03 2015: vap_device_event: dev aruba100 (1:0) is up
Thu Jul 16 12:24:03 2015:35     0.088834 aruba100: Scheduling VAP CONFIG update
Thu Jul 16 12:24:03 2015:36     0.088936 aruba100: Max_Clients Set to 64
Thu Jul 16 12:24:03 2015:37     0.088978 aruba100: ESSID Set to instant
Thu Jul 16 12:24:03 2015:38     0.089014 aruba100: Ageout Set to 1000
Thu Jul 16 12:24:03 2015:39     0.089056 aruba100: VAP CONFIG DONE
Thu Jul 16 12:24:03 2015:40     0.109960 aruba100: Scheduling VAP CONFIG update
Thu Jul 16 12:24:03 2015:41     0.110616 aruba100: Ageout Set to 1000
Thu Jul 16 12:24:03 2015:42     0.110672 aruba100: VAP CONFIG DONE
Thu Jul 16 12:24:04 2015:43     0.200468 wifi1: Scheduling RADIO CONFIG update
Thu Jul 16 12:24:04 2015:44     0.203678 wifi1: Country Code Set to TR
Thu Jul 16 12:24:04 2015:45     0.210443 wifi1:(3) EIRP (Config: 63.5dBm, Set: 19.0dBm, AP Max: 22.0dBm, Reg Max: 19dBm), Conducted Power Set: 15
Thu Jul 16 12:24:04 2015:46     0.210525 wifi1: Channel Set to 6 (mesh-mode: 0, state: 5)
Thu Jul 16 12:24:04 2015:47     0.210570 wifi1: Internal Antenna Gain Set to 4.0 dBi for 2.4 GHz
Thu Jul 16 12:24:04 2015:48     0.210611 wifi1: Internal Antenna Selected
Thu Jul 16 12:24:04 2015:49     0.210650 wifi1: disabling 40Mhz
Thu Jul 16 12:24:04 2015:50     0.210696 wifi1: RADIO CONFIG DONE
Thu Jul 16 12:24:04 2015:51     0.210732 FREE MEMORY 53600(kB)
Thu Jul 16 12:24:04 2015:52     0.226385 wifi1: Scheduling RADIO CONFIG update
Thu Jul 16 12:24:04 2015:53     0.229667 wifi1: Country Code Set to TR
Thu Jul 16 12:24:04 2015:54     0.236429 wifi1:(3) EIRP (Config: 63.5dBm, Set: 19.0dBm, AP Max: 22.0dBm, Reg Max: 19dBm), Conducted Power Set: 15
Thu Jul 16 12:24:04 2015:55     0.236512 wifi1: Channel Set to 6 (mesh-mode: 0, state: 5)
Thu Jul 16 12:24:04 2015:56     0.236556 wifi1: Internal Antenna Gain Set to 4.0 dBi for 2.4 GHz
Thu Jul 16 12:24:04 2015:57     0.236598 wifi1: Internal Antenna Selected
Thu Jul 16 12:24:04 2015:58     0.236678 wifi1:(4) EIRP (Config: 21.0dBm, Set: 19.0dBm, AP Max: 22.0dBm, Reg Max: 19dBm), Conducted Power Set: 15
Thu Jul 16 12:24:04 2015:59     0.236742 wifi1: disabling 40Mhz
Thu Jul 16 12:24:04 2015:60     0.236788 wifi1: RADIO CONFIG DONE
Thu Jul 16 12:24:04 2015:61     0.236823 FREE MEMORY 53600(kB)
wifi1: no IPv6 routers present
end of show log kernel
=====

show log debug

Jul 16 18:27:51 mini_httpd[2207]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:27:51 mini_httpd[2208]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:27:54 mini_httpd[2215]: handle_request: 1932: got nothing, child exit after 0 requests
```

```
Jul 16 18:27:54 mini_httpd[2216]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:27:59 mini_httpd[2217]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:00 cli[1566]: check sid, client_ip='172.31.98.2', sid='YX7vZhYlH3uFlTBpzXgs;refresh'
Jul 16 18:28:00 syslog: check_sid_type: sid check type, result-'0 admin'
Jul 16 18:28:00 mini_httpd[2219]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:04 mini_httpd[2222]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:04 cli[1566]: check sid, client_ip='172.31.98.2', sid='YX7vZhYlH3uFlTBpzXgs;refresh'
Jul 16 18:28:04 syslog: check_sid_type: sid check type, result-'0 admin'
Jul 16 18:28:05 mini_httpd[2228]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:11 mini_httpd[2233]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:19 mini_httpd[2236]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:25 mini_httpd[2243]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:29 mini_httpd[2244]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:30 cli[1566]: check sid, client_ip='172.31.98.2', sid='YX7vZhYlH3uFlTBpzXgs;refresh'
Jul 16 18:28:30 syslog: check_sid_type: sid check type, result-'0 admin'
Jul 16 18:28:30 mini_httpd[2248]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:31 mini_httpd[2249]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:31 cli[1566]: check sid, client_ip='172.31.98.2', sid='YX7vZhYlH3uFlTBpzXgs;refresh'
Jul 16 18:28:31 syslog: check_sid_type: sid check type, result-'0 admin'
Jul 16 18:28:36 mini_httpd[2255]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:39 mini_httpd[2260]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:40 cli[1566]: check sid, client_ip='172.31.98.2', sid='YX7vZhYlH3uFlTBpzXgs'
Jul 16 18:28:40 syslog: check_sid_type: sid check type, result-'0 admin'
Jul 16 18:28:42 mini_httpd[2266]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:43 mini_httpd[2267]: send_error: 3670: child exit after 0 requests
Jul 16 18:28:43 mini_httpd[2269]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:43 mini_httpd[2268]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:43 mini_httpd[2270]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:43 mini_httpd[2272]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:43 mini_httpd[2271]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:43 mini_httpd[2274]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:43 mini_httpd[2273]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:47 mini_httpd[2275]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:53 mini_httpd[2278]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:58 mini_httpd[2285]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:59 mini_httpd[2286]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:28:59 cli[1566]: check sid, client_ip='172.31.98.2', sid='YX7vZhYlH3uFlTBpzXgs;refresh'
Jul 16 18:28:59 syslog: check_sid_type: sid check type, result-'0 admin'
Jul 16 18:29:00 mini_httpd[2290]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:01 cli[1566]: check sid, client_ip='172.31.98.2', sid='YX7vZhYlH3uFlTBpzXgs;refresh'

Jul 16 18:29:01 syslog: check_sid_type: sid check type, result-'0 admin'
Jul 16 18:29:01 mini_httpd[2294]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:04 mini_httpd[2297]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:09 mini_httpd[2302]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:15 mini_httpd[2305]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:16 mini_httpd[2306]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:21 mini_httpd[2307]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:26 mini_httpd[2314]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:29 mini_httpd[2315]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:30 cli[1566]: check sid, client_ip='172.31.98.2', sid='YX7vZhYlH3uFlTBpzXgs;refresh'
Jul 16 18:29:30 syslog: check_sid_type: sid check type, result-'0 admin'
Jul 16 18:29:30 mini_httpd[2319]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:31 cli[1566]: check sid, client_ip='172.31.98.2', sid='YX7vZhYlH3uFlTBpzXgs;refresh'
Jul 16 18:29:31 syslog: check_sid_type: sid check type, result-'0 admin'
Jul 16 18:29:32 mini_httpd[2325]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:38 mini_httpd[2326]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:43 mini_httpd[2333]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:48 mini_httpd[2334]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:49 mini_httpd[2335]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:50 mini_httpd[2336]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:51 mini_httpd[2339]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:54 awc[1551]: isc_init: 2276: Start connecting to Activate without cert authentication
Jul 16 18:29:54 awc[1551]: awc_init_connection: 2004: connecting to device.arubanetworks.com:443
Jul 16 18:29:54 mini_httpd[2340]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:55 awc[1551]: tcp_connect: 163: recv timeout set to 5
Jul 16 18:29:55 awc[1551]: tcp_connect: 170: send timeout set to 5
Jul 16 18:29:55 awc[1551]: awc_init_connection: 2043: connected to device.arubanetworks.com:443
Jul 16 18:29:55 mini_httpd[2347]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:29:55 cli[1566]: check sid, client_ip='172.31.98.2', sid='YX7vZhYlH3uFlTBpzXgs'
Jul 16 18:29:55 syslog: check_sid_type: sid check type, result-'0 admin'
Jul 16 18:29:55 cli[1566]: cli_execute_command_status_no_io: 298: executing '/aruba/bin/cpu -e 1>&2'
Jul 16 18:29:56 cli[1566]: cli_execute_command_status_no_io: 298: executing '/usr/bin/top -n 1 -d 0 -N 1>&2'
Jul 16 18:29:58 cli[1566]: cli_execute_command_status_no_io: 298: executing 'netstat -rn 1>&2'
Jul 16 18:29:58 cli[1566]: cli_execute_command_status_no_io: 298: executing 'cat /proc/sys/net/fw/dns_id_map 1>&2'
Jul 16 18:30:00 awc[1551]: Failed to establish SSL connection: Error code is -1:unknown error number
Jul 16 18:30:00 awc[1551]: isc_init failed
Jul 16 18:30:01 mini_httpd[2369]: handle_request: 1932: got nothing, child exit after 0 requests
Jul 16 18:30:02 cli[1566]: cli_execute_command_status_no_io: 298: executing 'echo 1>&2'
Jul 16 18:30:02 cli[1566]: cli_execute_command_status_no_io: 298: executing 'echo Internal Captive Portal Domain: 1>&2'
Jul 16 18:30:02 cli[1566]: cli_execute_command_status_no_io: 298: executing 'cat /proc/sys/net/fw/captive_portal_domain 1>&2'
Jul 16 18:30:02 cli[1566]: cli_execute_command_status_no_io: 298: executing 'echo 1>&2'
Jul 16 18:30:02 cli[1566]: cli_execute_command_status_no_io: 298: executing 'echo External Captive Portal Domains: 1>&2'
```

```
ng 'cat /proc/sys/net/fw/filtered_domain 1>&2'
Jul 16 18:30:02 cli[1566]: cli_execute_command_status_no_io: 298: executing '/bin/dmesg 1>&2'
end of show log debug
=====
```

show log system

```
Jul 16 18:21:18 syslog: <341005> <ERRS> |AP 94:b4:0f:c3:f8:44: | terminal access is enabled but dropbear is not running, starting
Jul 16 18:21:21 nanny[1490]: <303022> <WARN> |AP 94:b4:0f:c3:f8:44: | Reboot Reason: AP rebooted Thu Jul 16 18:19:43 UTC 2015; UI cmd at uptime 00 (
Jul 16 18:21:35 cli[1566]: <341317> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Regulatory table file init at version 1.0_49986, build May 11,20
Jul 16 18:21:35 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Extended ssid enabled
Jul 16 18:21:35 cli[1566]: <341207> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| AP support up to 16 SSID.
Jul 16 18:21:36 cli[1566]: <341172> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Find enet0 name bond0.
Jul 16 18:21:36 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| cli starting, clearing any dpimgr
Jul 16 18:21:37 cli[1566]: <341004> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| cli_choose_eth_uplink:eth current uplink set to DHCP
Jul 16 18:21:37 cli[1566]: <341169> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Add uplink Ethernet 0.
Jul 16 18:21:37 cli[1566]: <341167> <WARN> |AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Uplink bond0 type Ethernet, state INIT->LOAD.
```

```

Jul 16 18:21:37 cli[1566]: <341169> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Add uplink Wifi-sta 6.
Jul 16 18:21:37 cli[1566]: <341169> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Add uplink 3G/4G 7.
Jul 16 18:21:37 cli[1566]: <341167> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Uplink type Dummy, state INIT->LOAD.
Jul 16 18:21:37 cli[1566]: <341004> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| receive sapd hello for process recovery
Jul 16 18:21:38 cli[1566]: <341174> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| No current uplink, pick the highest one - Ethernet bond0.
Jul 16 18:21:38 cli[1566]: <341263> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| enable uplink bond0.
Jul 16 18:21:38 cli[1566]: <341167> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Uplink bond0 type Ethernet, state LOAD->PROBE.
Jul 16 18:21:38 cli[1566]: <341265> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| enable ethernet uplink bond0.
Jul 16 18:21:38 cli[1566]: <341004> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| the ethernet uplink inuse in first time, get ip address.
Jul 16 18:21:38 cli[1566]: <341167> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Uplink bond0 type Ethernet, state PROBE->UP.
Jul 16 18:21:38 cli[1566]: <341185> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Retrieving ip address from br0, ip 10.253.51.105, mask 255.255.255.0
Jul 16 18:21:38 cli[1566]: <341274> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Update election ip from br0, election ip 10.253.51.105/255.255.255.0
Jul 16 18:21:38 cli[1566]: <341004> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| build_my_ip_address: old ip and new ip same; skipping
Jul 16 18:21:38 cli[1566]: <341006> <CRIT> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Sending uplink_up msg to sapd
Jul 16 18:21:38 cli[1566]: <341006> <CRIT> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| trap uplink info.
Jul 16 18:21:38 cli[1566]: <341004> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| last uplink is null, it's the first uplink, ignore this trap.
Jul 16 18:21:38 cli[1566]: <341173> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Current uplink set to Ethernet, state UP.
Jul 16 18:21:38 cli[1566]: <341135> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Master Changed - new 127.0.0.1 old 0.0.0.0 current swarm state 0
Jul 16 18:21:39 cli[1566]: <341135> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Master Changed - new 127.0.0.1 old 0.0.0.0 current swarm state 1
Jul 16 18:21:42 cli[1566]: <341004> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Swarm State Change from Found to Image-ok
Jul 16 18:21:47 cli[1566]: <341194> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Loading configuration, func swarm_timer_handler, line 8414.

```

```

Jul 16 18:21:52 cli[1566]: <341004> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Not enabling factory SSID
Jul 16 18:21:54 cli[1566]: <341004> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Swarm State Change from Image-ok to Complete
Jul 16 18:23:54 cli[1566]: <341005> <ERRS> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| APAS provision timed out
Jul 16 18:24:03 cli[1566]: <341004> <WARN> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Activate failed, enabling factory SSID
Jul 16 18:25:57 cli[1566]: <341005> <ERRS> AP 94:b4:0f:c3:f8:44@10.253.51.105 cli| Failed to connect to Activate: unknown error number
end of show log system
=====

```

show vpn config

```

Concentrator
-----
Type          Value
----
VPN Primary Server
VPN Backup Server
VPN Preemption      disable
VPN Fast Failover   disable
VPN Hold Time       600
VPN Monitor Pkt Send Freq  5
VPN Monitor Pkt Lost Cnt  6
VPN Ikepsk          1eef162b520ac8d5d55cbe48c1196c64
VPN Username
VPN Password        5696f72224d40af7da70131152a4ae41
GRE outside vpn     disable
GRE Server
GRE Type            1
GRE Per AP Tunnel   disable
Reconnect User On Failover  disable
Reconnect Time On Failover  60
Routing Table
-----
Destination Netmask Gateway
-----
end of show vpn config
=====

```

show vpn status

```

profile name:default
-----
current using tunnel      :unselected tunnel
ipsec is preempt status   :disable
ipsec is fast failover status :disable
ipsec hold on period      :600
ipsec tunnel monitor frequency (seconds/packet) :5
ipsec tunnel monitor timeout by lost packet cnt :6

ipsec  primary tunnel crypto type      :Cert
ipsec  primary tunnel peer address     :N/A
ipsec  primary tunnel peer tunnel ip   :N/A
ipsec  primary tunnel ap tunnel ip     :N/A
ipsec  primary tunnel current sm status :Init
ipsec  primary tunnel tunnel status    :Down
ipsec  primary tunnel tunnel retry times :0
ipsec  primary tunnel tunnel uptime    :0

ipsec  backup tunnel crypto type      :Cert
ipsec  backup tunnel peer address     :N/A
ipsec  backup tunnel peer tunnel ip   :N/A
ipsec  backup tunnel ap tunnel ip     :N/A
ipsec  backup tunnel current sm status :Init
ipsec  backup tunnel tunnel status    :Down
ipsec  backup tunnel tunnel retry times :0
ipsec  backup tunnel tunnel uptime    :0
end of show vpn status
=====

```

show vpn tunnels

```

Tunnel Flags: M = Master IAP; S = Slave IAP; Primary = Primary Tunnel
              B = Backup Tunnel; R = Registered
end of show vpn tunnels
=====

```

show upgrade info

Image Upgrade Progress

```
-----
Mac                IP Address      AP Class  Status   Image Info  Error Detail
-----
94:b4:0f:c3:f8:44  10.253.51.105  Pegasus  image-ok  image file  none
Auto reboot       :enable
Use external URL   :disable
end of show upgrade info
=====
```

show log upgrade

```
-----Download log start-----
download log not available
-----Download log end-----
Download status: incomplete
-----Upgrade log start-----
upgrade log not available
-----Upgrade log end-----
Upgrade status: upgrade status not available
end of show log upgrade
=====
```

show log rapper

```
Rapper info not available
end of show log rapper
=====
```

show log rapper-counter

```
Rapper info not available
end of show log rapper-counter
=====
```

show log rapper-brief

```
Rapper info not available
end of show log rapper-brief
=====
```

show l3-mobility status

Roaming Client Table

```
-----
Client MAC  Home Vlan  VAP Vlan  Tunnel ID  Status  Virtual Controller IP  Peer IP  Old AP IP  Device Name
-----
Tunnel Table
-----
Peer IP  Local Tunnel ID  Remote Tunnel ID  Use Count  Type
-----
Virtual Controller Table
-----
Virtual Controller IP  Type  HAP IP  Local Tunnel ID  Remote Tunnel ID
-----
end of show l3-mobility status
=====
```

show l3-mobility datapath

L3 Mobility Datapath Home Table

```
-----
Client Index  Client MAC  Home Vlan  Destinaton Device Index
-----
```

L3 Mobility Datapath Foreign Table

```
-----
Client Index  Client MAC  Home Vlan  VAP Vlan  Destinaton Device Index  HAP IP  Virtual Controller IP  Packets Forwarded
-----
```

L3 Mobility Datapath Tunnel Table

```
-----
Tunnel Device  Remote Protocol  Dest IP  Clients  Idle Time  Rx Packets  Tx Packets  Rx Mcasts  Tx Mcasts  ARP Proxy Pkts  Tx Jumbo  MTU  Rx HB  Tx HE
-----
```

end of show l3-mobility datapath

show log l3-mobility

```
Jul 16 18:24:42: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 rcvd from 10.253.51.5 vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.
Jul 16 18:24:42: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 sent to self vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.0.0.0 fapip 0.
Jul 16 18:24:42: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 rcvd from 10.253.51.5 vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.
Jul 16 18:24:42: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 sent to self vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.0.0.0 fapip 0.
Jul 16 18:24:40: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 rcvd from 10.253.51.5 vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.
Jul 16 18:24:40: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 sent to self vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.0.0.0 fapip 0.
Jul 16 18:24:39: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 rcvd from 10.253.51.5 vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.
Jul 16 18:24:39: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 sent to self vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.0.0.0 fapip 0.
Jul 16 18:24:39: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 rcvd from 10.253.51.5 vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.
Jul 16 18:24:38: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 rcvd from 10.253.51.5 vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.
Jul 16 18:24:38: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 sent to self vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.0.0.0 fapip 0.
Jul 16 18:24:38: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 sent to self vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.0.0.0 fapip 0.
Jul 16 18:24:38: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 sent to self vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.0.0.0 fapip 0.
Jul 16 18:24:37: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 rcvd from 10.253.51.5 vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.
Jul 16 18:24:37: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 sent to self vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.0.0.0 fapip 0.
Jul 16 18:24:37: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 rcvd from 10.253.51.5 vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.
Jul 16 18:24:37: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 sent to self vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.0.0.0 fapip 0.
Jul 16 18:24:37: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 sent to self vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.0.0.0 fapip 0.
Jul 16 18:24:37: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 rcvd from 10.253.51.5 vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.
Jul 16 18:24:37: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 sent to self vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.0.0.0 fapip 0.
Jul 16 18:24:37: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 rcvd from 10.253.51.5 vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.
Jul 16 18:24:36: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 rcvd from 10.253.51.5 vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.
Jul 16 18:24:36: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 sent to self vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.0.0.0 fapip 0.
Jul 16 18:24:36: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 sent to self vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.0.0.0 fapip 0.
Jul 16 18:24:36: Foreign Sta Info from Home Virtual Controller: mac e0:b9:a5:a7:de:e9 rcvd from 10.253.51.5 vlan 0, 0 tid 255 oldapip 0.0.0.0 fapip 0.
```



```
beacon_resp      : sent=0 rcvd=0
```

```
election wait    : 0
timer slow       : 0
master high cpu  : 0
ap cpu usage     : 100
Slave->Pot-Master : 0 time
Pot-master->Master: 0 time
Pot-master->Slave : 0 time
```

```
last spoof arp rcvd: 0
last spoof mac: 00:00:00:00:00:00
last beacon received ticks: 0
uplink flap count : 0
max beacon miss ticks : 0
```

```
hierarchy mode      : 0
last hierarchy beacon received ticks: 0
provisioned master denied : 0
```

```
end of show election statistics
```

```
show log apifmgr
```

```
end of show log apifmgr
```

```
show log vpn-tunnel
```

```
2015-07-16 18:21:36 tunnel_profile_init(2458): init tunnel profile <default>.
2015-07-16 18:21:38 tunnel_uplink_change(3162): uplink changed, the new uplink device br0
2015-07-16 18:21:38 tunnel_stop_check_primary_timer(957): current using tunnel=unselected tunnel
2015-07-16 18:21:54 [primary tunnel] tunnel_config_remove(2706): configure remove, tunnel primary tunnel, type ipsec tunnel
2015-07-16 18:21:54 tunnel_stop_status_monitor_timer(1021): current using tunnel=unselected tunnel
2015-07-16 18:21:54 tunnel_stop_status_monitor_timer(1027): stop tunnel status monitor timer.
2015-07-16 18:21:54 [primary tunnel] SM Handler not needed for state TUNNEL_STATE_INIT event TUNNEL_EVENT_TUNNEL_DISCONNECT
2015-07-16 18:21:54 [primary tunnel] tunnel_unregister_action(2215): unregister ipsec action.
2015-07-16 18:21:54 [primary tunnel] tunnel_unregister_action(2231): ipsec client space already free.
2015-07-16 18:21:54 [backup tunnel] tunnel_config_remove(2706): configure remove, tunnel backup tunnel, type ipsec tunnel
2015-07-16 18:21:54 tunnel_stop_status_monitor_timer(1021): current using tunnel=unselected tunnel
2015-07-16 18:21:54 tunnel_stop_status_monitor_timer(1027): stop tunnel status monitor timer.
2015-07-16 18:21:54 [backup tunnel] SM Handler not needed for state TUNNEL_STATE_INIT event TUNNEL_EVENT_TUNNEL_DISCONNECT
2015-07-16 18:21:54 [backup tunnel] tunnel_unregister_action(2215): unregister ipsec action.
2015-07-16 18:21:54 [backup tunnel] tunnel_unregister_action(2231): ipsec client space already free.
2015-07-16 18:21:54 tunnel_preempt_config(2791): send message to config preemption option to none-preempt
2015-07-16 18:21:54 tunnel_preempt_config(2812): config preemption option to none-preempt
2015-07-16 18:21:54 tunnel_preempt_config(2837): Warning!!! preempt have same configure, return.
2015-07-16 18:21:54 tunnel_failover_type_config(2769): failover type have same configure, return.
2015-07-16 18:21:54 cli_vpn_factory(2030): holdon time configure here.
2015-07-16 18:21:54 tunnel_holdon_time_config(2982): config holdon time 600
2015-07-16 18:21:54 cli_vpn_factory(2043): monitor frequency configure here.
2015-07-16 18:21:54 tunnel_send_pkt_freq_config(3054): config send icmp packet freq 5 for monitor tunnel device.
2015-07-16 18:21:54 tunnel_send_pkt_freq_config(3078): Warning!!! monitor frequency configuration is same, no action, and return.
2015-07-16 18:21:54 cli_vpn_factory(2056): monitor lost cnt configure here.
2015-07-16 18:21:54 tunnel_lost_packet_cnt_config(3115): config lose icmp packet cnt 6 for monitor tunnel device.
2015-07-16 18:21:54 tunnel_lost_packet_cnt_config(3139): Warning!!! lose packet timeout configuration is same, no action, and return.
2015-07-16 18:21:54 tunnel_psk_config(2923): config cert
end of show log vpn-tunnel
```

```
show airgroup debug statistics
```

```
Airgroup slave status      :FALSE
Airgroup master status     :FALSE
Airgroup multi swarm status:FALSE
status value               :0xe
My master's address        :127.0.0.1
My ip address               :10.253.51.105
```

```
AirGroup Debug Statistics
```

```
-----
Key                          Value
---                          -
network cache init counter   1(1)
mdns apdb init counter      1(1)
airgroup restore count       1(1)
end of show airgroup debug statistics
```

```
show airgroup cache entries
```

```
Cache Entries
```

```
-----
Name Type Class TTL Origin Expiry Last Update
-----
Num Cache Entries:0
end of show airgroup cache entries
```

```
show airgroup servers verbose
```

```
AirGroup Servers
```

```
-----
MAC IP Type Host Name Service VLAN Wired/Wireless Role Group Name AP-Name Rec-dropped Rec-filtered Rec-responded Last-query Query Throt
-----
Num Servers: 0, Max Servers: 80.
end of show airgroup servers verbose
```

```
show airgroup status

AirGroup Feature
-----
Status
-----
Disabled

AirGroup- MDNS Feature
-----
Status
-----
Disabled

AirGroup- DLNA Feature
-----
Status
-----
Disabled

AirGroup Multi Swarm
-----
Status
-----
Disabled

AirGroup Guest Multicast
-----
Status
-----
Disabled

CPPM Parameters
-----
Parameter                Value
-----
CPPM Enforce Registration Disabled
CPPM Server query interval 10 Hours
CPPM Server dead time     100 Seconds

AirGroup Service Information
-----
Service      Status
-----
airplay      Disabled
airprint     Disabled
itunes       Disabled
remotemgmt   Disabled
sharing      Disabled
chat         Disabled
googlecast   Disabled
DIAL         Disabled
DLNA Media   Disabled
DLNA Print   Disabled
allowall     Disabled
end of show airgroup status
=====

show airgroup users verbose

AirGroup Users
-----
MAC  IP  Type  Host Name  VLAN  Role  Group  Name  AP-Name  Rec-dropped  Rec-filtered  Rec-responded  Last-query  Query Throttled  Resp Throttled  CPF
-----
Num Users: 0, Max Users: 1000.
end of show airgroup users verbose
=====

show airgroupservice

AirGroupService Details
-----
Service      Description                                     status  Disallowed-Role  Disallowed-VLAN  ID
-----
airplay      AirPlay                                           Disabled
                                                     _airplay._tcp
                                                     _raop._tcp
                                                     _appletv-v2._tcp
                                                     _ipp._tcp
                                                     _pdl-datastream._tcp
                                                     _printer._tcp
                                                     _scanner._tcp
                                                     _universal._sub._ipp._tcp
                                                     _universal._sub._ipps._tcp
                                                     _printer._sub._http._tcp
                                                     _http._tcp
                                                     _http-alt._tcp
                                                     _ipp-tls._tcp
                                                     _fax-ipp._tcp
                                                     _riousbprint._tcp
                                                     _cups._sub._ipp._tcp
                                                     _cups._sub._fax-ipp._tcp
                                                     _ica-networking._tcp
                                                     _ptp._tcp
                                                     _canon-bjnp1._tcp
                                                     _ipps._tcp
                                                     _ica-networking2._tcp
                                                     _home-sharing._tcp
                                                     _apple-mobdev._tcp
                                                     _daap._tcp
                                                     _dacp._tcp

itunes       iTunes                                           Disabled
```

```

remotemgmt Remote management Disabled
sharing Sharing Disabled
chat Chat Disabled
googlecast GoogleCast supported by Chromecast etc Disabled
DIAL DIAL supported by Chromecast, FireTV, Roku etc Disabled
DLNA Media Media Disabled
DLNA Print Print Disabled
allowall Remaining-Services Disabled
Num Services:11
Num Service-ID:50
end of show airgroupservice
=====

show airgroup cppm entries
end of show airgroup cppm entries
=====

show airgroup cppm server

CPPM Servers
-----
Server IP-Address Port timeout rfc3576 rfc3576-only rfc3576-port
-----
end of show airgroup cppm server
=====

show airgroup cppm auth

All Auth Servers known to MDNS
-----
Server IP-Address Port timeout rfc3576 rfc3576-only rfc3576-port
-----
end of show airgroup cppm auth
=====

show auth-survivability cached-info
UserName Remaining Cache-Time
-----

Total no of cached username : 0
end of show auth-survivability cached-info
=====

show auth-survivability time-out

Auth Survivability time out :24
end of show auth-survivability time-out
=====

show ap-env

Antenna Type:Internal
uplink_vlan:503
iap_master:1
end of show ap-env
=====

show l2tpv3 config

L2TPV3 Tunnel configuration
-----
Tunnel Profile Primary Peer Backup Peer Peer UDP Port Local UDP Port Hello Interval Host Name MTU Message Digest Type secret Key Failover
-----
L2TPV3 Session configuration
-----
Session Name Tunnel Name Local tunnel IP Tunnel Mask Tunnel Vlan Session Cookie Length Session Cookie Session Remote End ID Default L2 Specifi
-----
end of show l2tpv3 config
=====

show l2tpv3 global parameter

L2TPV3 Global configuration
-----
Host Name
-----
instant-C3:F8:44
end of show l2tpv3 global parameter
=====

show l2tpv3 session status

```

```
end of show l2tpv3 session status
=====

show l2tpv3 tunnel status
end of show l2tpv3 tunnel status
=====

show l2tpv3 tunnel config
end of show l2tpv3 tunnel config
=====

show l2tpv3 system statistics
end of show l2tpv3 system statistics
=====

show ap pmkcache

PMK Cache Table
-----
Client MAC  Key  OKC/11r  Expiry  Name  Role  VLAN  ESSID
-----
PMK Cache Count:0
end of show ap pmkcache
=====

show clock

Current Time      :2015-07-16 18:30:03
end of show clock
=====

show ap checksum
version 6.4.2.0-4.1.1
virtual-controller-country TR
virtual-controller-key 2d510c4201bec4b0c7cac42459c6432d617f6a808e9591ad7e
name instant-C3:F8:44
virtual-controller-ip 10.253.51.5
virtual-controller-vlan 503 255.255.255.0 10.253.51.1
terminal-access
ntp-server 10.253.58.50
clock timezone Astana 06 00
rf-band all

allow-new-aps
allowed-ap 94:b4:0f:c3:f8:44

arm
wide-bands 5ghz
80mhz-support
min-tx-power 18
max-tx-power 127
band-steering-mode prefer-5ghz
air-time-fairness-mode fair-access
client-aware
scanning

syslog-level warn ap-debug
syslog-level warn network
syslog-level warn security
syslog-level warn system
syslog-level warn user
syslog-level warn user-debug
syslog-level warn wireless

extended-ssid

mgmt-user admin admin

wlan access-rule instant
index 0
rule masterip 0.0.0.0 match tcp 80 80 permit
rule masterip 0.0.0.0 match tcp 4343 4343 permit
rule any any match udp 67 68 permit
rule any any match udp 53 53 permit

wlan access-rule default_wired_port_profile
index 1
rule any any match any any any permit

wlan access-rule wired-instant
index 2
rule masterip 0.0.0.0 match tcp 80 80 permit
rule masterip 0.0.0.0 match tcp 4343 4343 permit
rule any any match udp 67 68 permit
rule any any match udp 53 53 permit

wlan ssid-profile instant
enable
index 0
type employee
ssid instant
opmode opensystem
max-authentication-failures 0
vlan guest
rf-band 2.4
```

```
captive-portal disable
dtim-period 1
inactivity-timeout 1000
broadcast-filter none
dmo-channel-utilization-threshold 90
local-probe-req-thresh 0
max-clients-threshold 64

auth-survivability cache-time-out 24

wlan external-captive-portal
server localhost
port 80
url "/"
auth-text "Authenticated"
auto-whitelist-disable
https

blacklist-time 3600
auth-failure-blacklist-time 3600

ids
wireless-containment none

wired-port-profile wired-instant
switchport-mode access
allowed-vlan all
native-vlan guest
no shutdown
access-rule-name wired-instant
speed auto
duplex auto
no poe
type guest
captive-portal disable
no dot1x
inactivity-timeout 1000

wired-port-profile default_wired_port_profile
switchport-mode trunk
allowed-vlan all
native-vlan 1
shutdown
access-rule-name default_wired_port_profile
speed auto
duplex full
no poe
type employee
captive-portal disable
no dot1x
inactivity-timeout 1000

enet0-port-profile default_wired_port_profile

uplink
preemption
enforce none
failover-internet-pkt-lost-cnt 10
failover-internet-pkt-send-freq 30
failover-vpn-timeout 180

airgroup
disable

airgroupservice airplay
disable
description AirPlay

airgroupservice airprint
disable
description AirPrint

Cfg                :1190623622
Radius Cert        :0
Radius Psk         :0
Radius CA          :0
CP cert            :0
CP key             :0
CP logo            :0
Checksum           :31110
Calc time          :2015-07-16 18:24:04
end of show ap checksum
=====

show interface counters
bond0 is up, line protocol is up
Hardware is Gigabit Ethernet, address is 94:b4:0f:c3:f8:44
Speed unknown, duplex unknown
Received packets    957
Received bytes      87194
Receive dropped     0
```

```
Receive errors          0
Receive missed errors   0
Receive overrun errors  0
Receive frame errors    0
Receive CRC errors      0
Receive length errors   0
Transmitted packets     811
Transmitted bytes       62075
Transmitted dropped     0
Transmission errors     0
Lost carrier            0
end of show interface counters
=====
```