\*\*\* 12/1/2011 14:36:24 PM Target: meshportal Command: show tech-support \*\*\*

show summary support

Name :testmesh

Domain :CL

Address :192.168.0.5

Content Filtering :disable

Terminal Access :enable

Organization :

Airwave Address :0.0.0.0

Airwave Shared Key :95bb5d19353ac86113035b2b0ba979c9

Airwave Config Via :DHCP

Syslog Server :0.0.0.0

Syslog Level :notice

Band :all

Master \*:192.168.0.141

Master Key :4a8508d9016ea2b56a97542b2789696d171ecb40fcf9fdbf01

Elected Time :10m:8s

Mesh :enable

Dynamic Radius Proxy :enable

NTP Server :

Configuration Dirty :disable

Allow New APs :enable

Classification :disable

Wireless Containment :disable

Wired Containment :disable

Rogue Containment :disable

LED Off :disable

Airwave :Not Set Up

Image Server State :success

Image Server Message :Success

New Image Version :

New Image URL :

Factory SSID :instant

Image Sync Via :Master

Client Alerts :0

Active Faults :0

IP Address :192.168.0.141

Serial Number :BE0001694

TFTP Dump Server :0.0.0.0

0 Clients

---------

MAC Name IP Address Network Access Point

--- ---- ---------- ------- ------------

1 Network

---------

Key Name Clients

--- ---- -------

testm testm 0

2 Access Points

---------------

MAC IP Address Name Clients

--- ---------- ---- -------

d8:c7:c8:c4:46:9d 192.168.0.141 meshportal 0

d8:c7:c8:c4:6b:2e 192.168.0.113 d8:c7:c8:c4:6b:2e 0

RADIUS Servers

--------------

Name IP Address Port Key Timeout Retry Count NAS IP Address NAS Identifier RFC3576

---- ---------- ---- --- ------- ----------- -------------- -------------- -------

InternalServer 127.0.0.1 1616 7417cb54e7e2da142404e106844443b6866e281bd2c8387ab0a9f9e0c713a6f3e8d76aee39f03eb435d594ac626482ed5209d97adb85a6331ab28d6c3bbce553 5 3

RTLS Servers

------------

Type IP Address Port Key Frequency

---- ---------- ---- --- ---------

Aeroscout 0.0.0.0 0

Airwave 0.0.0.0 0 143094669c5973c681c7cd212c0d7785 0

1 AP Class

----------

Name APs

---- ---

Orion 2

end of show summary support

========================================================

show version

Aruba Operating System Software.

ArubaOS (MODEL: 105), Version 6.1.2.3-2.0.0.2

Website: http://www.arubanetworks.com

Copyright (c) 2002-2011, Aruba Networks, Inc.

Compiled on 2011-11-21 at 14:27:52 PST (build 31227) by p4build

AP uptime is 10 minutes 59 seconds

Reboot Time and Cause: unknown

end of show version

========================================================

show running-config

version 6.1.2.0-2.0.0

virtual-controller-country CL

virtual-controller-key 4a8508d9016ea2b56a97542b2789696d171ecb40fcf9fdbf01

name testmesh

virtual-controller-ip 192.168.0.5

terminal-access

clock timezone Santiago -04 00

rf-band all

dynamic-radius-proxy

allow-new-aps

allowed-ap d8:c7:c8:c4:46:9d

allowed-ap d8:c7:c8:c4:6b:2e

arm

 wide-bands 5ghz

 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

mgmt-user admin aa6041ef27a220223f52a64edd575118

wlan ssid-profile testm

 index 1

 type employee

 essid testm

 wpa-passphrase f26d008521610371a4aa45fa69c1c57f0b0c1ec11de620a2

 opmode wpa2-psk-aes

 rf-band all

 captive-portal disable

 dtim-period 1

 inactivity-timeout 1000

 broadcast-filter none

enet-vlan guest

wlan access-rule testm

 index 1

 rule any any match any any any permit

wlan external-captive-portal

 server localhost

 port 80

 url "/"

 auth-text "Authenticated"

ids classification

ids

 wireless-containment none

end of show running-config

========================================================

show aps

AP List

-------

Name IP Address Mode Clients Type Mesh Role 2.4 Channel 2.4 Power (dB) 2.4 Utilization (%) 2.4 Noise Floor (dBm) 5.0 Channel 5.0 Power (dB) 5.0 Utilization (%) 5.0 Noise Floor (dBm)

---- ---------- ---- ------- ---- --------- ----------- -------------- ------------------- --------------------- ----------- -------------- ------------------- ---------------------

meshportal 192.168.0.141 access 0 105 Portal 1 18 25(good) -94(good) 157+ 17 4(good) -87(ok)

d8:c7:c8:c4:6b:2e 192.168.0.113 access 0 105 Portal 1 18 37(good) -93(good) 60+ 20 1(good) -90(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

--- --- ---- -- --- ---- ---------------- ------ ------- ------- -----

d8:c7:c8:c4:69:d3 testm ?/? 192.168.0.141 g-HT ap 1/20/20 0 meshportal 0 10m:1s

d8:c7:c8:c4:69:db testm ?/? 192.168.0.141 a-HT ap 157+/17/20 0 meshportal 0 10m:2s

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

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

Num APs:2

Num Associations:0

end of show ap bss-table

========================================================

show ap debug auth-trace-buf

Auth Trace Buffer

-----------------

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

--------- ----- -- -- --- ------ ----

end of show ap debug mgmt-frames

========================================================

show ap association

Flags: W: WMM client, A: Active, K: 802.11K client, B: Band Steerable

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

 ss: spatial streams

Association Table

-----------------

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

---- ----- --- ---- ----- --- ----- ----- ------- --------- --- ----------- --------- -----

Num Clients:0

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 Rx\_Rate Last\_ACK\_SNR Last\_Rx\_SNR TX\_Chains Tx\_Timestamp Rx\_Timestamp

--- ----- ----- ----------- -------- --- -------- ----- ------- ------- ------- ---------- ------- ------- ------------ ----------- --------- ------------ ------------

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

HT Flags: A - LDPC Coding; W - 40Mhz; S - Short GI HT40; s - Short GI HT20

 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

end of show ap debug client-table

========================================================

show datapath user

Datapath User Table Entries

---------------------------

Flags: P - Permanent, W - WEP, T- TKIP, A - AESCCM

 R - ProxyARP to User, N - VPN, L - local

FM(Forward Mode): S - Split, B - Bridge, N - N/A

 IP MAC ACLs Contract Location Age Sessions Flags Vlan FM

--------------- ----------------- ------- --------- -------- ----- --------- ----- ---- --

192.168.0.141 D8:C7:C8:C4:46:9D 105/0 0/0 0 1 1/65535 P 1 B

192.168.0.5 D8:C7:C8:C4:46:9D 105/0 0/0 0 0 1/65535 P 1 B

192.168.0.113 D8:C7:C8:C4:6B:2E 0/0 0/0 0 1 0/65535 1 N

0.0.0.0 00:17:C5:09:A7:38 0/0 0/0 0 0 0/65535 1 N

0.0.0.0 D8:C7:C8:C4:6B:2E 0/0 0/0 0 0 0/65535 1 N

184.73.238.90 00:17:C5:09:A7:38 0/0 0/0 0 536 0/65535 1 N

0.0.0.0 D8:C7:C8:C4:46:9D 105/0 0/0 0 0 1/65535 P 1 B

172.16.11.1 D8:C7:C8:C4:46:9D 105/0 0/0 0 612 0/65535 P 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

Dev Name VLANs PVID ACLs FramesRx FramesTx Flags

--- ------------ ----- ---- ------ -------- -------- -----

3 bond0 4095 1 0/0 2282 1555 FQB

8 br0 0 1 105/0 1534 0 IB

11 aruba000 4095 1 0/0 0 1017 TQBM

12 aruba003 1 1 144/0 0 0 B

13 aruba103 1 1 144/0 0 0 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

----------------- ---- ------------- ----------- ----- -------- ---------------

00:1A:70:3F:50:8E 1 1 vlan 1 0

00:01:36:0F:D7:DC 1 1 vlan 1 0

00:17:C5:09:A7:38 1 1 dev3 0

00:24:D7:76:F5:30 1 1 dev3 0

D8:C7:C8:C4:6B:2E 1 1 dev3 0

DC:2B:61:B6:FE:7C 1 1 dev3 0

00:1D:2E:2D:A2:33 1 1 vlan 1 0

00:02:6F:6A:81:72 1 1 dev3 0

D8:C7:C8:C4:46:9D 1 1 local P 0

D8:C7:C8:C4:46:9D 3333 3333 local P 0

34:51:C9:90:DA:1E 1 1 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 0.0.0.0 192.168.0.1 0 0

192.168.0.0 255.255.255.0 192.168.0.141 0 1 L

172.16.11.0 255.255.255.0 172.16.11.1 0 3333 D

Route Cache Entries

-------------------

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

 IP MAC VLAN Flags

--------------- ----------------- ----------- -----

192.168.0.141 D8:C7:C8:C4:46:9D 1 LP

192.168.0.1 00:17:C5:09:A7:38 1 A

192.168.0.5 D8:C7:C8:C4:46:9D 1 LP

192.168.0.119 00:24:D7:76:F5:30 1 A

172.16.11.1 D8:C7:C8:C4:46:9D 3333 LP

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

RAP Flags: 0 - Q0, 1 - Q1, 2 - Q2

 Source IP Destination IP Prot SPort DPort Cntr Prio ToS Age Destination TAge Flags

-------------- -------------- ---- ----- ----- ---- ---- --- --- ----------- ---- -----

192.168.0.103 224.0.0.22 2 2 2 0 0 0 1 dev3 1e FC

192.168.0.113 192.168.0.141 17 8211 8211 0 0 0 0 dev3 ae1 FC

192.168.0.113 192.168.0.141 17 37273 2 0 0 0 1 dev3 7d FC

192.168.0.113 192.168.0.141 17 37276 2 0 0 0 0 dev3 30 FC

00:24:D7:76:F5:30 0806 0 0 0 1 dev3 cb F

192.168.0.141 192.168.0.113 17 8211 8211 0 0 0 0 dev3 ae1 F

D8:C7:C8:C4:46:9D 0806 0 0 0 1 local cb F

192.168.0.113 192.168.0.141 6 80 57728 0 0 0 0 local 1 F

192.168.0.141 192.168.0.113 6 57728 80 0 0 0 0 local 1 FCI

34:51:C9:90:DA:1E 86dd 0 0 0 0 dev3 1e F

192.168.0.119 192.168.0.255 17 17500 17500 0 0 0 0 dev3 1d FYC

D8:C7:C8:C4:6B:2E 0806 0 0 0 0 dev3 17 F

192.168.0.103 224.0.0.251 17 5353 5353 0 0 0 0 dev3 136 FCI

192.168.0.255 192.168.0.119 17 17500 17500 0 0 0 1 dev3 1d FY

34:51:C9:90:DA:1E 0000 0 0 0 1 dev3 20 F

34:51:C9:90:DA:1E 0806 0 0 0 0 dev3 151 F

192.168.0.119 192.168.0.5 6 46762 443 0 0 0 1 dev3 42 FC

192.168.0.119 192.168.0.5 6 46760 443 0 0 0 1 dev3 5c FC

192.168.0.119 192.168.0.5 6 46766 443 0 0 0 0 dev3 0 C

192.168.0.5 192.168.0.119 6 443 46759 0 0 0 1 dev3 5c F

192.168.0.119 192.168.0.5 6 46764 443 0 0 0 1 dev3 28 FC

192.168.0.119 192.168.0.5 6 46765 443 0 0 0 0 dev3 9 FC

192.168.0.5 192.168.0.119 6 443 46761 0 0 0 1 dev3 5c F

192.168.0.5 192.168.0.119 6 443 46760 0 0 0 1 dev3 5c F

192.168.0.5 192.168.0.119 6 443 46763 0 0 0 1 dev3 28 F

192.168.0.5 192.168.0.119 6 443 46762 0 0 0 1 dev3 42 F

192.168.0.5 192.168.0.119 6 443 46765 0 0 0 0 dev3 9 F

192.168.0.5 192.168.0.119 6 443 46764 0 0 0 1 dev3 28 F

192.168.0.5 192.168.0.119 6 443 46766 0 0 0 0 dev3 0

end of show datapath session

========================================================

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

 A - Disable Scanning, T - set TOS, 4 - IPv4, 6 - IPv6

----------------------------------------------------------------

ACL Name {deny-all} Number {100}

 1: any any any 4

----------------------------------------------------------------

ACL Name {permit-all} Number {101}

 1: any any any P4

----------------------------------------------------------------

ACL Name {permit-nat} Number {102}

 1: any any any S4

----------------------------------------------------------------

ACL Name {internal-cp} Number {103}

 1: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 PSD4

 2: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 PSD4

 3: any any 6 0-65535 80-80 SD4

 4: any any 6 0-65535 443-443 SD4

 5: any any 17 0-65535 67-68 P4

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

 7: any any 6 0-65535 8081-8081 P4

 8: any any 6 0-65535 4343-4343 P4

 9: any any any 4

----------------------------------------------------------------

ACL Name {external-cp} Number {104}

 1: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 P4

 2: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 P4

 3: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 P4

 4: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 P4

 5: any any 6 0-65535 80-80 PSD4

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

 7: any any 17 0-65535 67-68 P4

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

 9: any any 6 0-65535 8081-8081 P4

10: any any 6 0-65535 4343-4343 P4

11: any any any 4

----------------------------------------------------------------

ACL Name {ap} Number {105}

 1: 172.16.11.0 255.255.255.0 any any PS4

 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 23-23 P4

 8: any any 6 0-65535 21-21 P4

 9: any any 6 0-65535 443-443 P4 hits 55

10: any any 6 0-65535 80-80 P4 hits 3

11: any any 6 0-65535 8080-8080 P4

12: any any 6 0-65535 8081-8081 P4

13: any any 6 0-65535 4343-4343 P4

14: any any 17 0-65535 8211-8211 P4 hits 1

15: any any 17 0-65535 161-161 P4

15: any any 17 0-65535 161-161 P4

16: any any 1 0-65535 0-65535 P4

17: any any any P4

----------------------------------------------------------------

ACL Name {magic-vlan} Number {106}

 1: 172.16.11.0 255.255.255.0 any any PS4

 2: any any any P4 hits 156

----------------------------------------------------------------

ACL Name {internal-cp-magic} Number {107}

 1: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 PSD4

 2: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 PSD4

 3: any any 6 0-65535 80-80 SD4

 4: any any 6 0-65535 443-443 SD4

 5: any any 17 0-65535 67-68 PS4

 6: any any 17 0-65535 53-53 PS4

 7: any any 6 0-65535 8081-8081 PS4

 8: any any 6 0-65535 4343-4343 PS4

 9: any any any 4

----------------------------------------------------------------

ACL Name {external-cp-magic} Number {108}

 1: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 PS4

 2: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 PS4

 3: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 PS4

 4: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 PS4

 5: any any 6 0-65535 80-80 PSD4

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

 7: any any 17 0-65535 67-68 PS4

 8: any any 17 0-65535 53-53 PS4

 9: any any 6 0-65535 8081-8081 PS4

10: any any 6 0-65535 4343-4343 PS4

11: any any any 4

----------------------------------------------------------------

ACL Name {permit-all} Number {109}

 1: any any any P4

----------------------------------------------------------------

ACL Name {permit-all} Number {110}

 1: any any any P4

----------------------------------------------------------------

ACL Name {permit-all} Number {111}

 1: any any any P4

----------------------------------------------------------------

ACL Name {permit-all} Number {112}

 1: any any any P4

----------------------------------------------------------------

ACL Name {permit-all} Number {113}

 1: any any any P4

----------------------------------------------------------------

ACL Name {permit-all} Number {114}

 1: any any any P4

----------------------------------------------------------------

ACL Name {testm 0} Number {144}

 1: any any any P4

----------------------------------------------------------------

ACL Name {testm 1} Number {145}

 1: any any any S4

----------------------------------------------------------------

ACL Name {testm 2} Number {146}

 1: any any any PT4

----------------------------------------------------------------

ACL Name {testm 3} Number {147}

 1: any any any ST4

----------------------------------------------------------------

ACL Name {testm 4} Number {148}

 1: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 PSD4

 2: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 PSD4

 3: any any 6 0-65535 80-80 SD4

 4: any any 6 0-65535 443-443 SD4

 5: any any 17 0-65535 67-68 P4

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

 7: any any 6 0-65535 8081-8081 P4

 8: any any 6 0-65535 4343-4343 P4

 9: any any any 4

----------------------------------------------------------------

ACL Name {testm 5} Number {149}

 1: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 PSD4

 2: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 PSD4

 3: any any 6 0-65535 80-80 SD4

 4: any any 6 0-65535 443-443 SD4

 5: any any 17 0-65535 67-68 PS4

 6: any any 17 0-65535 53-53 PS4

 7: any any 6 0-65535 8081-8081 PS4

 8: any any 6 0-65535 4343-4343 PS4

 9: any any any 4

----------------------------------------------------------------

ACL Name {testm 6} Number {150}

 1: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 PSD4

 2: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 PSD4

 3: any any 6 0-65535 80-80 SD4

 4: any any 6 0-65535 443-443 SD4

 5: any any 17 0-65535 67-68 P4

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

 7: any any 6 0-65535 8081-8081 P4

 8: any any 6 0-65535 4343-4343 P4

 9: any any any 4

----------------------------------------------------------------

ACL Name {testm 7} Number {151}

 1: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 PSD4

 2: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 PSD4

 3: any any 6 0-65535 80-80 SD4

 4: any any 6 0-65535 443-443 SD4

 5: any any 17 0-65535 67-68 PS4

 6: any any 17 0-65535 53-53 PS4

 7: any any 6 0-65535 8081-8081 PS4

 8: any any 6 0-65535 4343-4343 PS4

 9: any any any 4

----------------------------------------------------------------

ACL Name {testm 8} Number {152}

 1: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 P4

 2: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 P4

 3: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 P4

 4: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 P4

 5: any any 6 0-65535 80-80 SD4

 6: any any 6 0-65535 443-443 SD4

 7: any any 17 0-65535 67-68 P4

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

 9: any any 6 0-65535 8081-8081 P4

10: any any 6 0-65535 4343-4343 P4

11: any any any 4

----------------------------------------------------------------

ACL Name {testm 9} Number {153}

 1: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 P4

 2: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 P4

 3: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 P4

 4: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 P4

 5: any any 6 0-65535 80-80 SD4

 6: any any 6 0-65535 443-443 SD4

 7: any any 17 0-65535 67-68 PS4

 8: any any 17 0-65535 53-53 PS4

 9: any any 6 0-65535 8081-8081 PS4

10: any any 6 0-65535 4343-4343 PS4

11: any any any 4

----------------------------------------------------------------

ACL Name {testm10} Number {154}

 1: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 P4

 2: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 P4

 3: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 P4

 4: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 P4

 5: any any 6 0-65535 80-80 SD4

 6: any any 6 0-65535 443-443 SD4

 7: any any 17 0-65535 67-68 P4

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

 9: any any 6 0-65535 8081-8081 P4

10: any any 6 0-65535 4343-4343 P4

11: any any any 4

----------------------------------------------------------------

ACL Name {testm11} Number {155}

 1: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 P4

 2: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 P4

 3: any 192.168.0.141 255.255.255.255 6 0-65535 80-80 P4

 4: any 192.168.0.141 255.255.255.255 6 0-65535 443-443 P4

 5: any any 6 0-65535 80-80 SD4

 6: any any 6 0-65535 443-443 SD4

 7: any any 17 0-65535 67-68 PS4

 8: any any 17 0-65535 53-53 PS4

 9: any any 6 0-65535 8081-8081 PS4

10: any any 6 0-65535 4343-4343 PS4

11: any any any 4

----------------------------------------------------------------

end of show datapath acl-all

========================================================

show ap debug system-status

Reboot Information

------------------

(none found)

------------

Rebootstrap Information

-----------------------

Date Time Reason (Latest 10)

--------------------------------------

(none found)

Rebootstrap LMS

---------------

(none found)

------------

Crash Information

-----------------

(none found)

------------

Heartbeat Stats

---------------

Heartbeats Sent Heartbeats Received

--------------- -------------------

0 0

Descriptor Usage

----------------

Interface Queue Alloc Free In-use Max Failed

--------- ----- ----- ---- ------ --- ------

wifi0 0 2 2 0 1 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 10 10 0 2 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 2 2 0 1 0

wifi1 1 0 0 0 0 0

wifi1 2 0 0 0 0 0

wifi1 3 0 0 0 0 0

wifi1 4 0 0 0 0 0

wifi1 5 448 448 0 2 0

wifi1 6 0 0 0 0 0

wifi1 7(UAPSD) 0 0 0 0 0

wifi1 8(CAB) 0 0 0 0 0

Interface counters

------------------

Interface Rx\_pkts Rx\_errors Rx drops Tx\_pkts Tx\_errors Tx\_drops Resets

--------- ------- --------- -------- ------- --------- -------- ------

wifi0 242 753 220 12 6 0 0

wifi1 32008 8289 23638 450 415 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 0 659

ARP Cache

---------

IP address HW type Flags HW

-- ------- -- ---- ----- --

192.168.0.113 0x1 0x2 D8:C7:C8:C4:6B:2E \* br0

192.168.0.119 0x1 0x2 00:24:D7:76:F5:30 \* br0

192.168.0.1 0x1 0x2 00:17:C5:09:A7:38 \* br0

172.16.11.2 0x1 0x6 D8:C7:C8:C4:46:9D \* br0

Route Table

-----------

Iface Destination Gateway Flags RefCnt Use Metric Mask MTU Window IRTT

----- ----------- ------- ----- ------ --- ------ ---- --- ------ ----

br0 C0A80000 00000000 0001 0 0 0 FFFFFF00 0 0 0

br0 AC100B00 00000000 0001 0 0 0 FFFFFF00 0 0 0

br0 00000000 C0A80001 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: 630 5 0 0 0 0 0 0 630 5 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: 459026 2283 0 0 0 0 0 0 1569595 2179 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 7810842 43468 0 0 0 0 0 0 0

 gre0: 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0 0

apsos0: 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: 59072 242 0 220 0 753 0 0 2566 12 6 0 0 0 0 0 0

 wifi1: 5416312 32008 0 23638 0 8289 0 0 112632 450 415 0 0 0 0 0 0

aruba000: 0 0 0 0 0 0 0 0 0 0 0 46 0 0 0 0 0

aruba003: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

aruba103: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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=6 ni\_frees=0 auth\_throtl=0 auth\_q\_ovfls=0 assoc\_throtl=0 num\_nodes=4 auth\_wndw=0 tx\_pkts\_to\_am=1067 rx\_pkts\_to\_am=1472 rx\_spectrum=0 rx\_spectrum\_drop=0 bcn\_nul\_events=0 bcn\_nul\_bits=0x0 kcache=0 prot\_mode=1 use\_prot=0 htprot=0 ht\_prot\_sm=0 short\_pre=1 config\_deferred=2 config\_waiting=0 config\_waits=0 rx\_pkts\_not\_assoc=0 nul\_vap\_on\_free=0 dumy=0 ni\_inval=0/0 ni\_vap\_null=0

stats for aruba000

-------------------

auth\_up=0 auth\_dn=0 assoc\_up=0 assoc\_dn=0 not\_auth=0 no\_assoc\_skb=0 beacs\_up=100 no\_node\_ent=0 mgmt\_badtype=0 f\_tods=0 f\_frds=0 mgt\_from\_ap\_stm=0 eapol\_from\_ap\_stm=0 eapol\_from\_switch=0 eapol\_to\_switch=0 eapol\_decap\_failed=0 tun=0 auth\_drops=0 prrq=0 prrs=0 is\_5211=0 bw\_drops=0 sta\_diss=0 deau\_mx=0 diss\_mx=0 assoc\_free=0 pae\_drops=0 mesh\_frames=0 echo\_reqs\_rx=0 echo\_rsp\_rx=0 echo\_req\_tx=0 snoop\_fail=0 echo\_noskb=0 echo\_no\_txdesc=0 nokey\_drops=0 floods=0 floods\_drop=0 wds\_eth\_drops=0 local\_prrq=0 local\_prrs=0 local\_auths=0 sapcp\_deau=0 sapcp\_dis=0 ageouts\_sent=0 local\_ageouts=0 open\_mesh=0 mesh\_mgmt\_up=100 mesh\_mc\_dropped=1579 mcast\_dropped=0 baqtx=0 baqrx=0 baoktx=0 barjtx=0 baokrx=0 barrj=0 am\_enq=0 am\_deq=0 to\_am=0 auth\_ign=0 reassocs=0 reassocs\_ok=0

stats for aruba003

-------------------

auth\_up=0 auth\_dn=0 assoc\_up=0 assoc\_dn=0 not\_auth=0 no\_assoc\_skb=0 beacs\_up=0 no\_node\_ent=0 mgmt\_badtype=0 f\_tods=0 f\_frds=0 mgt\_from\_ap\_stm=0 eapol\_from\_ap\_stm=0 eapol\_from\_switch=0 eapol\_to\_switch=0 eapol\_decap\_failed=0 tun=0 auth\_drops=0 prrq=0 prrs=0 is\_5211=0 bw\_drops=0 sta\_diss=0 deau\_mx=0 diss\_mx=0 assoc\_free=0 pae\_drops=0 mesh\_frames=0 echo\_reqs\_rx=0 echo\_rsp\_rx=0 echo\_req\_tx=0 snoop\_fail=0 echo\_noskb=0 echo\_no\_txdesc=0 nokey\_drops=0 floods=0 floods\_drop=0 wds\_eth\_drops=0 local\_prrq=10 local\_prrs=10 local\_auths=0 sapcp\_deau=0 sapcp\_dis=0 ageouts\_sent=0 local\_ageouts=0 open\_mesh=0 mesh\_mgmt\_up=0 mesh\_mc\_dropped=0 mcast\_dropped=6 baqtx=0 baqrx=0 baoktx=0 barjtx=0 baokrx=0 barrj=0 am\_enq=0 am\_deq=0 to\_am=0 auth\_ign=0 reassocs=0 reassocs\_ok=0

crypto-stats for aruba000

--------------------------

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\_tkipcm=0 sw\_crypto\_ccmp=0 sw\_crypto\_wep=0 crypto\_setkey\_cipher=0 crypto\_setkey\_nokey=0 rx\_ccmpreplay=0 rx\_ccmpformat=0 rx\_ccmpmic=0 rx\_tkipreplay=0 rx\_tkipformat=0 rx\_tkipmic=0 rx\_tkipicv=0 rx\_badcipher=0 rx\_nocipherctx=0 crypto\_nomem=0 crypto\_delkey=0 crypto\_badcipher=0 crypto\_nocipher=0 crypto\_attachfail=0 crypto\_swfallback=0 crypto\_keyfail=0 crypto\_enmicfail=0

crypto-stats for aruba003

--------------------------

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\_tkipcm=0 sw\_crypto\_ccmp=0 sw\_crypto\_wep=0 crypto\_setkey\_cipher=0 crypto\_setkey\_nokey=0 rx\_ccmpreplay=0 rx\_ccmpformat=0 rx\_ccmpmic=0 rx\_tkipreplay=0 rx\_tkipformat=0 rx\_tkipmic=0 rx\_tkipicv=0 rx\_badcipher=0 rx\_nocipherctx=0 crypto\_nomem=0 crypto\_delkey=0 crypto\_badcipher=0 crypto\_nocipher=0 crypto\_attachfail=0 crypto\_swfallback=0 crypto\_keyfail=0 crypto\_enmicfail=0

Spectrum stats for wifi0

-------------------------

total\_fft=0 low\_signal=0(0%) invalid\_len=0(0%) correct\_len=0(0%) invalid\_data=0(0%) valid\_data=0(0%) len-1=0(0%) len=0(0%) len+1=0(0%) len+2=0(0%) zero\_val=0(0%) invalid\_rssi=0 large\_rssi=0

stats for wifi1

----------------

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=3 ni\_frees=0 auth\_throtl=0 auth\_q\_ovfls=0 assoc\_throtl=0 num\_nodes=2 auth\_wndw=0 tx\_pkts\_to\_am=565 rx\_pkts\_to\_am=40372 rx\_spectrum=0 rx\_spectrum\_drop=0 bcn\_nul\_events=0 bcn\_nul\_bits=0x0 kcache=0 prot\_mode=1 use\_prot=1 htprot=0 ht\_prot\_sm=1 short\_pre=1 config\_deferred=2 config\_waiting=0 config\_waits=0 rx\_pkts\_not\_assoc=0 nul\_vap\_on\_free=0 dumy=0 ni\_inval=0/0 ni\_vap\_null=0

stats for aruba103

-------------------

auth\_up=0 auth\_dn=0 assoc\_up=0 assoc\_dn=0 not\_auth=0 no\_assoc\_skb=0 beacs\_up=0 no\_node\_ent=0 mgmt\_badtype=0 f\_tods=0 f\_frds=0 mgt\_from\_ap\_stm=0 eapol\_from\_ap\_stm=0 eapol\_from\_switch=0 eapol\_to\_switch=0 eapol\_decap\_failed=0 tun=0 auth\_drops=0 prrq=0 prrs=0 is\_5211=0 bw\_drops=0 sta\_diss=0 deau\_mx=0 diss\_mx=0 assoc\_free=0 pae\_drops=0 mesh\_frames=0 echo\_reqs\_rx=0 echo\_rsp\_rx=0 echo\_req\_tx=0 snoop\_fail=0 echo\_noskb=0 echo\_no\_txdesc=0 nokey\_drops=0 floods=0 floods\_drop=0 wds\_eth\_drops=0 local\_prrq=475 local\_prrs=448 local\_auths=0 sapcp\_deau=0 sapcp\_dis=0 ageouts\_sent=0 local\_ageouts=0 open\_mesh=0 mesh\_mgmt\_up=0 mesh\_mc\_dropped=0 mcast\_dropped=6 baqtx=0 baqrx=0 baoktx=0 barjtx=0 baokrx=0 barrj=0 am\_enq=0 am\_deq=0 to\_am=0 auth\_ign=0 reassocs=0 reassocs\_ok=0

crypto-stats for aruba103

--------------------------

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\_tkipcm=0 sw\_crypto\_ccmp=0 sw\_crypto\_wep=0 crypto\_setkey\_cipher=0 crypto\_setkey\_nokey=0 rx\_ccmpreplay=0 rx\_ccmpformat=0 rx\_ccmpmic=0 rx\_tkipreplay=0 rx\_tkipformat=0 rx\_tkipmic=0 rx\_tkipicv=0 rx\_badcipher=0 rx\_nocipherctx=0 crypto\_nomem=0 crypto\_delkey=0 crypto\_badcipher=0 crypto\_nocipher=0 crypto\_attachfail=0 crypto\_swfallback=0 crypto\_keyfail=0 crypto\_enmicfail=0

Spectrum stats for wifi1

-------------------------

total\_fft=0 low\_signal=0(0%) invalid\_len=0(0%) correct\_len=0(0%) invalid\_data=0(0%) valid\_data=0(0%) len-1=0(0%) len=0(0%) len+1=0(0%) len+2=0(0%) zero\_val=0(0%) invalid\_rssi=0 large\_rssi=0

iwconfig output for aruba000

----------------------------

aruba000 IEEE 802.11na ESSID:"24b3973ac428991b2068f05c91e8364"

Mode:Master Frequency:5.785 GHz Access Point: D8:C7:C8:C4:69:D8

Encryption key:5BD7-231D-09FE-51EA-3D80-24C3-4F4C-DA52 [2] Security mode:restricted

iwconfig output for aruba003

----------------------------

aruba003 IEEE 802.11na ESSID:"testm"

Mode:Master Frequency:5.785 GHz Access Point: D8:C7:C8:C4:69:DB

Encryption key:DE2C-66B7-AA8E-07E5-80A4-2E03-94F3-1795 [2] Security mode:restricted

iwconfig output for aruba103

----------------------------

aruba103 IEEE 802.11ng ESSID:"testm"

Mode:Master Frequency:2.412 GHz Access Point: D8:C7:C8:C4:69:D3

Encryption key:7324-9E87-5DE1-0810-F557-C5DE-8C49-AC07 [2] Security mode:restricted

Key Info for wifi0

------------------

Index Keylen MAC Key

------------------------

0: [len=0] [0f:d2:e1:28:a5:7c] \*\*\*

2: [len=0] [ea:10:0c:84:68:50] \*\*\*

4: [len=16] [ff:ff:ff:ff:ff:ff] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

5: [len=16] [d9:c7:c8:c4:69:db] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Key Info for wifi1

------------------

Index Keylen MAC Key

------------------------

0: [len=0] [0f:d2:e1:28:a5:7c] \*\*\*

2: [len=0] [ea:10:0c:84:68:50] \*\*\*

4: [len=16] [d9:c7:c8:c4:69:d3] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

AP Uptime

---------

10 mins 59 secs

----------------

Process Table

-------------

PID Size State Command

--- ---- ----- -------

1 1932 kB S init

707 1932 kB S udhcpc

756 1128 kB S tinyproxy

757 1124 kB S tinyproxy

758 1124 kB S tinyproxy

759 1124 kB S tinyproxy

760 1124 kB S tinyproxy

762 1124 kB S tinyproxy

763 1124 kB S tinyproxy

768 3832 kB S mini\_httpd

771 3876 kB S mini\_httpd

774 3832 kB S mini\_httpd

777 3876 kB S mini\_httpd

795 572 kB S ntpclient

853 1980 kB S nanny

862 1172 kB S msgHandler

881 1592 kB S syslogd

902 6420 kB S cli

903 2016 kB R awc

904 6868 kB S cli

905 1932 kB S klogd

906 5868 kB R sapd

907 540 kB S wdg

910 3052 kB S stm

914 3908 kB S snmpd

915 2456 kB S apifmgr

916 2884 kB S meshd

917 832 kB S hostapd

997 552 kB S utelnetd

1163 560 kB S dhcp-helper

1164 5724 kB S radiusd

1165 5812 kB S radiusd-term

1166 768 kB S dnsmasq

1414 3948 kB S mini\_httpd

1415 3948 kB S mini\_httpd

1416 1280 kB R swarm.cgi

Memory Usage

------------

MemTotal: 125964 kB

-------------------------

MemFree: 70780 kB

Buffers: 0 kB

Cached: 19000 kB

SwapCached: 0 kB

Active: 21736 kB

Inactive: 8272 kB

HighTotal: 0 kB

HighFree: 0 kB

LowTotal: 125964 kB

LowFree: 70780 kB

SwapTotal: 0 kB

SwapFree: 0 kB

Dirty: 0 kB

Writeback: 0 kB

Mapped: 17820 kB

Slab: 16588 kB

CommitLimit: 62980 kB

Committed\_AS: 24624 kB

PageTables: 500 kB

VmallocTotal: 1048560 kB

VmallocUsed: 7244 kB

VmallocChunk: 1041012 kB

Kernel slab statistics

----------------------

slabinfo - version: 2.1

-----------------------

# name : tunables : slabdata

fib6\_nodes 22 113 32 113 1 : tunables 120 60 0 : slabdata 1 1 0

ip6\_dst\_cache 27 51 224 17 1 : tunables 120 60 0 : slabdata 3 3 0

ndisc\_cache 7 24 160 24 1 : tunables 120 60 0 : slabdata 1 1 0

RAWv6 4 6 608 6 1 : tunables 54 27 0 : slabdata 1 1 0

UDPv6 2 7 576 7 1 : tunables 54 27 0 : slabdata 1 1 0

tw\_sock\_TCPv6 47 60 128 30 1 : tunables 120 60 0 : slabdata 2 2 0

request\_sock\_TCPv6 0 0 128 30 1 : tunables 120 60 0 : slabdata 0 0 0

TCPv6 7 7 1152 7 2 : tunables 24 12 0 : slabdata 1 1 0

UNIX 55 55 352 11 1 : tunables 54 27 0 : slabdata 5 5 0

tcp\_bind\_bucket 22 203 16 203 1 : tunables 120 60 0 : slabdata 1 1 0

inet\_peer\_cache 3 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 15 256 15 1 : tunables 120 60 0 : slabdata 1 1 0

arp\_cache 5 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 31 36 448 9 1 : tunables 54 27 0 : slabdata 4 4 0

tw\_sock\_TCP 0 0 96 40 1 : tunables 120 60 0 : slabdata 0 0 0

request\_sock\_TCP 16 59 64 59 1 : tunables 120 60 0 : slabdata 1 1 0

TCP 8 8 1024 4 1 : tunables 54 27 0 : slabdata 2 2 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

ext2\_inode\_cache 0 0 424 9 1 : tunables 54 27 0 : slabdata 0 0 0

dnotify\_cache 0 0 20 169 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

inotify\_event\_cache 0 0 28 127 1 : tunables 120 60 0 : slabdata 0 0 0

inotify\_watch\_cache 0 0 36 101 1 : tunables 120 60 0 : slabdata 0 0 0

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 9 408 9 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) 23 24 3072 2 2 : tunables 24 12 0 : slabdata 12 12 0

biovec-128 47 50 1536 5 2 : tunables 24 12 0 : slabdata 10 10 0

biovec-64 95 95 768 5 1 : tunables 54 27 0 : slabdata 19 19 0

biovec-16 190 200 192 20 1 : tunables 120 60 0 : slabdata 10 10 0

biovec-4 190 236 64 59 1 : tunables 120 60 0 : slabdata 4 4 0

biovec-1 190 203 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 121 121 352 11 1 : tunables 54 27 0 : slabdata 11 11 0

skbuff\_fclone\_cache 63 63 416 9 1 : tunables 54 27 0 : slabdata 7 7 0

skbuff\_head\_cache 1496 1496 224 17 1 : tunables 120 60 0 : slabdata 88 88 0

file\_lock\_cache 16 40 96 40 1 : tunables 120 60 0 : slabdata 1 1 0

proc\_inode\_cache 192 192 328 12 1 : tunables 54 27 0 : slabdata 16 16 0

sigqueue 4 27 144 27 1 : tunables 120 60 0 : slabdata 1 1 0

radix\_tree\_node 646 756 276 14 1 : tunables 54 27 0 : slabdata 54 54 0

bdev\_cache 1 9 416 9 1 : tunables 54 27 0 : slabdata 1 1 0

sysfs\_dir\_cache 2524 2576 40 92 1 : tunables 120 60 0 : slabdata 28 28 0

mnt\_cache 14 30 128 30 1 : tunables 120 60 0 : slabdata 1 1 0

inode\_cache 1428 1428 312 12 1 : tunables 54 27 0 : slabdata 119 119 0

dentry\_cache 1895 2015 124 31 1 : tunables 120 60 0 : slabdata 65 65 0

filp 516 576 160 24 1 : tunables 120 60 0 : slabdata 24 24 0

names\_cache 2 2 4096 1 1 : tunables 24 12 0 : slabdata 2 2 0

idr\_layer\_cache 99 116 136 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

mm\_struct 40 40 384 10 1 : tunables 54 27 0 : slabdata 4 4 0

vm\_area\_struct 1364 1364 88 44 1 : tunables 120 60 0 : slabdata 31 31 0

fs\_cache 93 113 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 48 48 3104 2 2 : tunables 24 12 0 : slabdata 24 24 0

task\_struct 48 48 1304 3 1 : tunables 24 12 0 : slabdata 16 16 0

anon\_vma 496 678 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 9 9 131072 1 32 : tunables 8 4 0 : slabdata 9 9 0

size-65536(DMA) 0 0 65536 1 16 : tunables 8 4 0 : slabdata 0 0 0

size-65536 4 4 65536 1 16 : tunables 8 4 0 : slabdata 4 4 0

size-32768(DMA) 0 0 32768 1 8 : tunables 8 4 0 : slabdata 0 0 0

size-32768 2 2 32768 1 8 : tunables 8 4 0 : slabdata 2 2 0

size-16384(DMA) 0 0 16384 1 4 : tunables 8 4 0 : slabdata 0 0 0

size-16384 81 82 16384 1 4 : tunables 8 4 0 : slabdata 81 82 0

size-8192(DMA) 0 0 8192 1 2 : tunables 8 4 0 : slabdata 0 0 0

size-8192 1078 1078 8192 1 2 : tunables 8 4 0 : slabdata 1078 1078 0

size-4096(DMA) 0 0 4096 1 1 : tunables 24 12 0 : slabdata 0 0 0

size-4096 298 298 4096 1 1 : tunables 24 12 0 : slabdata 298 298 0

size-2048(DMA) 0 0 2048 2 1 : tunables 24 12 0 : slabdata 0 0 0

size-2048 76 100 2048 2 1 : tunables 24 12 0 : slabdata 39 50 0

size-1024(DMA) 0 0 1024 4 1 : tunables 54 27 0 : slabdata 0 0 0

size-1024 52 52 1024 4 1 : tunables 54 27 0 : slabdata 13 13 0

size-512(DMA) 0 0 512 8 1 : tunables 54 27 0 : slabdata 0 0 0

size-512 165 192 512 8 1 : tunables 54 27 0 : slabdata 24 24 0

size-256(DMA) 0 0 256 15 1 : tunables 120 60 0 : slabdata 0 0 0

size-256 180 180 256 15 1 : tunables 120 60 0 : slabdata 12 12 0

size-192(DMA) 0 0 192 20 1 : tunables 120 60 0 : slabdata 0 0 0

size-192 575 580 192 20 1 : tunables 120 60 0 : slabdata 29 29 0

size-128(DMA) 0 0 128 30 1 : tunables 120 60 0 : slabdata 0 0 0

size-128 801 810 128 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-96 964 1000 96 40 1 : tunables 120 60 0 : slabdata 25 25 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-64 354 354 64 59 1 : tunables 120 60 0 : slabdata 6 6 0

size-32 3616 3616 32 113 1 : tunables 120 60 0 : slabdata 32 32 0

kmem\_cache 120 120 96 40 1 : tunables 120 60 0 : slabdata 3 3 0

Interrupts

----------

 CPU00

----------------------

 2: 0 MIPS cascade

 4: 2255 MIPS bond0

 6: 0 MIPS cascade

 7: 329952 MIPS timer

 18: 0 AR7100 MISC cascade

 19: 130 AR7100 MISC serial

 48: 47418 AR7100 PCI wifi1

 49: 7665 AR7100 PCI wifi0

 51: 0 AR7100 PCI ar7100 pci core

ERR: 0

Modules

-------

ath\_pktlog 16912 0 - Live 0xc06cb000

------------------------------------

wlan\_wep 6240 0 - Live 0xc0000000

wlan\_tkip 12576 0 - Live 0xc00a2000

wlan\_ccmp 3840 3 - Live 0xc0095000

ath\_pci 71664 0 - Live 0xc06e4000

ath\_dev 257664 2 ath\_pktlog,ath\_pci, Live 0xc071f000

spectrum 19632 2 ath\_pci,ath\_dev, Live 0xc009c000

dfs 43696 2 ath\_dev,spectrum, Live 0xc00b9000

ath\_rate\_atheros 63472 3 ath\_pktlog,ath\_pci,ath\_dev, Live 0xc00a8000

ath\_hal 562912 6 ath\_pktlog,ath\_pci,ath\_dev,spectrum, Live 0xc059d000

wlan 659792 8 ath\_pktlog,wlan\_wep,wlan\_tkip,wlan\_ccmp,ath\_pci,ath\_dev, Live 0xc0628000

asap\_mod 2844640 8 ath\_pci,ath\_dev,spectrum,wlan, Live 0xc00cf000

drvlog\_mod 12960 2 ath\_dev,wlan, Live 0xc0003000

ag7100\_mod 22288 0 - Live 0xc0009000

DHCP Information

==================

listen-address=127.0.0.1

addn-hosts=/etc/ld\_eth\_hosts

addn-hosts=/etc/ld\_ppp\_hosts

dhcp-src=172.16.11.1

dhcp-leasefile=/tmp/dnsmasq.leases

dhcp-authoritative

filterwin2k

{

vlan-id=3333

dhcp-range=172.16.11.3,172.16.11.254,255.255.255.0,12h

dhcp-option=1,255.255.255.0

dhcp-option=3,172.16.11.1

dhcp-option=6,192.168.1.1

dhcp-option=54,172.16.11.1

}

DHCP VLAN Id: 3333

DHCP Server Id: 172.16.11.1

DHCP Server Mask: 255.255.255.0

Ethernet Duplex/Speed Settings

------------------------------

Autoneg Speed (Mbps) Duplex Iface

------- ------------ ------ -----

on 100 Full bond0

LMS Information

---------------

Item Value

---- -----

Primary LMS 0.0.0.0

Backup LMS N/A

Using Primary

Preemption Disabled

VRRP No

Boot Version

------------

1.2.4.4 (26618)

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Power Status

------------

Operational State (not available)

----------------- ---------------

Current HW State (not available)

end of show ap debug system-status

========================================================

show ap debug radio-stats 0

RADIO Stats

-----------

Parameter Value

--------- -----

------------------- General Per-radio Statistics

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

TX Power Changes 3

Channel Changes 1

Radio Band Changes 1

Current Noise Floor 86

Dummy NF pkts on home channel 40

Dummy NF pkts on scan channel 435

Avail TX Buffers 512

11g Protection 0

Last TX Antenna 0

Last RX Antenna 1

Scan Requests 568

Scan Rejects 2

Load aware Scan Rejects 0

PS aware 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 2

Queue Drain Scan Rejects 0

Scan Success 566

EIRP 17

MAX EIRP 20

Dummy005 27

Dummy012 0

Dummy013 17

Dummy014 0

Dummy015 435

Dummy016 0

Dummy017 0

Dummy018 0

Dummy019 0

Dummy020 0

------------------- Transmit Specific Statistics

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

Tx Frames Rcvd 10

Tx Frames Dropped 14

Tx Frames Transmitted 4

Tx Fragments Transmitted 4

Tx Bytes Rcvd 2350

Tx Bytes Transmitted 940

Tx Time Frames Rcvd 3600

Tx Time Frames Dropped 2160

Tx Time Frames Transmitted 1440

Tx PS Unicast 0

Tx DTIM Broadcast 0

Tx Success With Retry 0

Tx Multiple Retries 6

Tx Mgmt Frames 10

Tx Beacons Transmitted 10627

Tx Probe Responses 10

Tx Data Transmitted Retried 0

Tx Data Transmitted 0

Tx Data Frames 0

Tx Data Bytes Transmitted 0

Tx Data Bytes 0

Tx Time Data Transmitted 0

Tx Time Data dropped 0

Tx Time Data 0

Tx Broadcast Data Frames 0

Tx Multicast Data Frames 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 Powersave Queue Timeouts 0

Tx Dropped After Retry 6

Tx Dropped No Buffer 0

Tx Missed ACKs 6

Tx Failed Beacons 1

Tx Multi-Beacon Fail 0

Tx Long Preamble 10

Tx Short Preamble 0

Tx Beacon Interrupts 5317

Tx Interrupts 19

Tx FIFO Underrun 0

Tx Allocated Desc 12

Tx Freed Desc 12

Tx EAPOL Frames 0

TX STBC Frames 0

TX LDPC Frames 0

Tx AGGR Good 0

Tx AGGR Unaggr 0

Tx Data 6 Mbps (Mon) 0

Tx Data 12 Mbps (Mon) 0

Tx Data 24 Mbps (Mon) 0

Tx Data 36 Mbps (Mon) 0

Tx Data 54 Mbps (Mon) 0

Tx Data 108 Mbps (Mon) 0

Tx Data 108 Mbps+ (Mon) 0

Tx Data Bytes 6 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 108 Mbps+ (Mon) 0

Tx 6 Mbps 4

Tx WMM [BE] 4

Tx WMM [VO] 10

Tx UAPSD OverflowDrop 0

TX Timeouts 5

Lost Carrier Events 5

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

------------------- Receive Specific Statistics

Rx Last SNR 51

Rx Last SNR CTL0 47

Rx Last SNR CTL1 48

Rx Last SNR EXT0 31

Rx Last SNR EXT1 28

Rx Last ACK SNR 43

Rx Last ACK SNR CTL0 42

Rx Last ACK SNR CTL1 38

Rx Last ACK SNR EXT0 22

Rx Last ACK SNR EXT1 18

Rx Frames Received 804

Rx Good Frames 48

Rx Bad Frames 756

Rx Total Data Frames Recvd 0

Rx Total Mgmt Frames Recvd 48

Rx Total Control Frames Recvd 0

Rx Total Bytes Recvd 6372

Rx Total Data Bytes Recvd 0

Rx Total RTS Frames Recvd 0

Rx Total CTS Frames Recvd 0

Rx Total ACK Frames 5

Rx Total Beacons Received 189

Rx Total Probe Requests 31

Rx Total Probe Responses 14

Rx Retry Frames 0

Channel Busy 1s 2

Channel Busy 4s 4

Channel Busy 64s 3

Ch Busy perct @ beacon intvl 21 26 24 14 17 1 0 0 0 0 0 2 2 6 7 5 6 17 1 1 1 1 1 1 1 1 5 4 4 4

Rx Time perct @ beacon intvl 19 25 22 13 1 0 0 0 0 0 0 1 1 5 6 4 5 5 0 0 0 0 0 0 0 0 4 3 4 3

Rx Discarded Events 214

Rx ARM Scan Frames 272

Rx Data Frames Retried 0

Rx Data Frames 0

Rx Data Bytes 0

Rx Time Data 0

Rx Duplicate Frames 0

Rx Broadcast Data Frames 0

Rx Multicast Data Frames 0

Rx Unicast Data Frames 0

Rx Null Data Frames 0

Rx Mgmt Frames 0

Rx Control Frames 0

Rx Frames To Me 0

Rx Bytes To Me 0

Rx Broadcast Frames 0

Rx Probe Requests 0

Rx RTS Frames 0

Rx CTS Frames 0

Rx PS Poll Frames 0

Rx CRC Errors 756

Rx PLCP Errors 0

Rx Frames Dropped 220

Rx PHY Events 532624

Rx RADAR Events 0

RX Interrupts 1202

RX Overrun 0

Rx Undecryptable 0

Rx STBC Frames 0

Rx LDPC Frames 0

Rx Data 6 Mbps (Mon) 0

Rx Data 12 Mbps (Mon) 0

Rx Data 24 Mbps (Mon) 0

Rx Data 36 Mbps (Mon) 0

Rx Data 54 Mbps (Mon) 0

Rx Data 108 Mbps (Mon) 0

Rx Data 108 Mbps+ (Mon) 0

Rx Data Bytes 6 Mbps (Mon) 0

Rx Data Bytes 12 Mbps (Mon) 0

Rx Data Bytes 24 Mbps (Mon) 0

Rx Data Bytes 36 Mbps (Mon) 0

Rx Data Bytes 54 Mbps (Mon) 0

Rx Data Bytes 108 Mbps (Mon) 0

Rx Data Bytes 108 Mbps+ (Mon) 0

Rx 6 Mbps 242

end of show ap debug radio-stats 0

========================================================

show ap debug radio-stats 1

RADIO Stats

-----------

Parameter Value

--------- -----

------------------- General Per-radio Statistics

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

TX Power Changes 3

Channel Changes 1

Radio Band Changes 0

Current Noise Floor 94

Dummy NF pkts on home channel 39

Dummy NF pkts on scan channel 30

Avail TX Buffers 512

11g Protection 1

Last TX Antenna 0

Last RX Antenna 1

Scan Requests 557

Scan Rejects 3

Load aware Scan Rejects 0

PS aware 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 1

Queue Drain Scan Rejects 0

Scan Success 553

EIRP 18

MAX EIRP 20

Dummy002 1399

Dummy005 236

Dummy012 0

Dummy013 6376

Dummy014 0

Dummy015 30

Dummy016 0

Dummy017 0

Dummy018 0

Dummy019 0

Dummy020 0

------------------- Transmit Specific Statistics

Tx Time perct @ beacon intvl 2 2 2 2 2 2 0 2 2 2 2 2 2 2 2 2 2 2 2 2 0 2 2 2 2 2 2 2 2 2

Tx Frames Rcvd 448

Tx Frames Dropped 423

Tx Frames Transmitted 33

Tx Fragments Transmitted 33

Tx Bytes Rcvd 108912

Tx Bytes Transmitted 8052

Tx Time Frames Rcvd 976128

Tx Time Frames Dropped 903990

Tx Time Frames Transmitted 72138

Tx PS Unicast 0

Tx DTIM Broadcast 0

Tx Success With Retry 0

Tx Multiple Retries 415

Tx Mgmt Frames 448

Tx Beacons Transmitted 5324

Tx Probe Responses 448

Tx Data Transmitted Retried 0

Tx Data Transmitted 0

Tx Data Frames 0

Tx Data Bytes Transmitted 0

Tx Data Bytes 0

Tx Time Data Transmitted 0

Tx Time Data dropped 0

Tx Time Data 0

Tx Broadcast Data Frames 0

Tx Multicast Data Frames 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 Powersave Queue Timeouts 0

Tx Dropped After Retry 415

Tx Dropped No Buffer 0

Tx Missed ACKs 415

Tx Failed Beacons 1

Tx Multi-Beacon Fail 0

Tx Long Preamble 448

Tx Short Preamble 0

Tx Beacon Interrupts 5325

Tx Interrupts 889

Tx FIFO Underrun 0

Tx Allocated Desc 450

Tx Freed Desc 450

Tx EAPOL Frames 0

TX STBC Frames 0

TX LDPC Frames 0

Tx AGGR Good 0

Tx AGGR Unaggr 0

Tx Data 6 Mbps (Mon) 0

Tx Data 12 Mbps (Mon) 0

Tx Data 24 Mbps (Mon) 0

Tx Data 36 Mbps (Mon) 0

Tx Data 54 Mbps (Mon) 0

Tx Data 108 Mbps (Mon) 0

Tx Data 108 Mbps+ (Mon) 0

Tx Data Bytes 6 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 108 Mbps+ (Mon) 0

Tx 1 Mbps 33

Tx WMM [BE] 33

Tx WMM [VO] 448

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

------------------- Receive Specific Statistics

Rx Last SNR 11

Rx Last SNR CTL0 4

Rx Last SNR CTL1 10

Rx Last ACK SNR 22

Rx Last ACK SNR CTL0 22

Rx Last ACK SNR CTL1 11

Rx Frames Received 18962

Rx Good Frames 9038

Rx Bad Frames 9924

Rx Total Data Frames Recvd 1774

Rx Total Mgmt Frames Recvd 6924

Rx Total Control Frames Recvd 340

Rx Total Bytes Recvd 1242001

Rx Total Data Bytes Recvd 255197

Rx Total RTS Frames Recvd 124

Rx Total CTS Frames Recvd 154

Rx Total ACK Frames 1855

Rx Total Beacons Received 21151

Rx Total Probe Requests 1059

Rx Total Probe Responses 5824

Rx Retry Frames 0

Channel Busy 1s 22

Channel Busy 4s 24

Channel Busy 64s 21

Ch Busy perct @ beacon intvl 29 27 25 19 23 15 32 21 20 24 26 18 23 23 20 21 23 17 23 19 38 22 29 26 21 31 22 33 23 20

Rx Time perct @ beacon intvl 23 24 21 15 19 12 17 18 17 21 23 15 20 19 16 16 20 13 20 15 23 19 26 23 18 27 18 29 19 16

Rx Discarded Events 59

Rx ARM Scan Frames 4307

Rx Data Frames Retried 0

Rx Data Frames 0

Rx Data Bytes 0

Rx Time Data 0

Rx Duplicate Frames 0

Rx Broadcast Data Frames 0

Rx Multicast Data Frames 0

Rx Unicast Data Frames 0

Rx Null Data Frames 0

Rx Mgmt Frames 0

Rx Control Frames 0

Rx Frames To Me 0

Rx Bytes To Me 0

Rx Broadcast Frames 0

Rx Probe Requests 0

Rx RTS Frames 0

Rx CTS Frames 0

Rx PS Poll Frames 0

Rx CRC Errors 8301

Rx PLCP Errors 0

Rx Frames Dropped 23659

Rx PHY Events 816568

Rx RADAR Events 0

RX Interrupts 40314

RX Overrun 0

Rx Undecryptable 1623

Rx STBC Frames 0

Rx LDPC Frames 0

Rx Data 6 Mbps (Mon) 0

Rx Data 12 Mbps (Mon) 0

Rx Data 24 Mbps (Mon) 0

Rx Data 36 Mbps (Mon) 0

Rx Data 54 Mbps (Mon) 0

Rx Data 108 Mbps (Mon) 0

Rx Data 108 Mbps+ (Mon) 0

Rx Data Bytes 6 Mbps (Mon) 0

Rx Data Bytes 12 Mbps (Mon) 0

Rx Data Bytes 24 Mbps (Mon) 0

Rx Data Bytes 36 Mbps (Mon) 0

Rx Data Bytes 54 Mbps (Mon) 0

Rx Data Bytes 108 Mbps (Mon) 0

Rx Data Bytes 108 Mbps+ (Mon) 0

Rx 1 Mbps 30884

Rx 2 Mbps (Long) 36

Rx 2 Mbps (Short) 23

Rx 5.5 Mbps (Long) 153

Rx 5.5 Mbps (Short) 45

Rx 11 Mbps (Long) 249

Rx 11 Mbps (Short) 49

Rx 6 Mbps 7

Rx 12 Mbps 22

Rx 18 Mbps 3

Rx 24 Mbps 440

Rx 36 Mbps 11

Rx 48 Mbps 34

Rx 54 Mbps 88

end of show ap debug radio-stats 1

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show ap arm rf-summary

Channel Summary

---------------

channel retry phy-err mac-err noise cov-idx intf\_idx

------- ----- ------- ------- ----- ------- --------

HT Channel Summary

------------------

channel\_pair Pairwise\_intf\_index

------------ -------------------

Interface Name :wifi0

Current ARM Assignment :157+/21

Covered channels a/g :0/0

Free channels a/g :0/0

ARM Edge State :disable

Last check channel/pwr :0s/0s

Last change channel/pwr :9m:54s/9m:43s

Next Check channel/pwr :4m:0s/4m:0s

Assignment Mode :Single Band

Interface Name :wifi1

Current ARM Assignment :1/18

Covered channels a/g :0/0

Free channels a/g :0/0

ARM Edge State :disable

Last check channel/pwr :0s/0s

Last change channel/pwr :9m:54s/8m:51s

Next Check channel/pwr :4m:0s/4m:0s

Assignment Mode :Single Band

end of show ap arm rf-summary

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show ap arm history

Interface :wifi0

ARM History

-----------

Time of Change Old Channel New Channel Old Power New Power Reason

-------------- ----------- ----------- --------- --------- ------

2011-12-01 13:26:20 157+ 157+ Max 21 P-

Interface :wifi1

ARM History

-----------

Time of Change Old Channel New Channel Old Power New Power Reason

-------------- ----------- ----------- --------- --------- ------

2011-12-01 13:27:14 1 1 21 18 P-

2011-12-01 13:26:21 1 1 Max 21 P-

I: Interference, R: Radar detection, N: Noise exceeded, E: Error threshold exceeded, INV: Invalid Channel, G: Rogue AP Containment, M: Empty Channel, P+: Increase Power, P-: Decrease Power, OFF: Turn off Radio, ON: Turn on Radio

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 encr nstas avg-rssi curr-rssi wmacs ibss

----- ----- ---- ------- -------- --- ----- ----- ---- ----- -------- --------- ----- ----

b4:b3:62:50:a3:f0 Diadema 1 interfering 80211b/g disable 583/583 0/0 wpa-psk-tkip 0 5 8 1 no

00:02:6f:6a:81:72 netpro2 11 rogue 80211b/g disable 583/44 0/0 wpa2-psk-aes 3 68 68 4 no

00:22:90:4f:a4:c1 DCO 1 interfering 80211b/g disable 583/583 0/0 wpa2-8021x-aes 0 13 15 0 no

00:0a:c2:83:ae:0c movistar\_83ae03 1 interfering 80211b/g-HT-40 disable 583/583 0/0 wpa-psk-tkip 0 17 13 1 no

d8:c7:c8:c4:69:db testm 157 valid 80211a-HT-40 disable 583/583 0/0 wpa2-psk-aes 0 35 35 0 no

d8:c7:c8:c4:69:d3 testm 1 valid 80211b/g-HT-20 disable 583/583 0/0 wpa2-psk-aes 0 30 30 0 no

f2:56:ce:7f:63:f5 Dulce Hogar 1 interfering 80211b disable 581/581 0/0 open 1 7 8 0 yes

00:02:cf:a3:b6:4c BOTIQUIN 6 interfering 80211b/g disable 580/86 0/1 wep 0 42 43 0 no

b8:c7:16:78:1d:f1 nosi.c 1 interfering 80211b/g-HT-40 disable 579/579 11/10 wpa-psk-tkip 0 8 8 0 no

f0:7d:68:7a:0e:c6 COMPILADOMESTIZO.COM 1 interfering 80211b/g disable 577/577 2/1 wep 2 5 7 0 no

e0:cb:4e:61:1b:32 Maria Soledad 8 interfering 80211b/g disable 577/44 9/0 wep 1 9 6 1 no

00:e0:4d:5c:b4:54 La Casa del Iman 11 interfering 80211b/g disable 573/43 7/0 wep 0 13 13 0 no

00:1f:9f:8d:a8:b7 Jojito 1 interfering 80211b/g disable 569/569 0/0 wep 0 6 5 1 no

58:35:d9:3a:f4:e0 lhholanda\_64 1 interfering 80211b/g-HT-20 disable 567/567 2/1 wpa2-psk-aes 0 4 5 0 no

68:7f:74:e6:dc:b4 Iman 6 interfering 80211b/g disable 565/85 0/0 wpa-psk-tkip 0 13 12 0 no

00:1b:fc:6b:90:a5 ximena 5 interfering 80211b/g disable 564/81 0/0 wep 0 4 5 1 no

00:0a:c2:82:e9:45 Soccer-Factory 6 interfering 80211b/g-HT-40 disable 563/84 16/1 wpa2-psk-tkip 0 15 13 0 no

00:25:12:c1:9d:94 Movistar 6 interfering 80211b/g disable 563/84 0/1 wep 0 11 10 0 no

00:26:ed:bb:65:ae ARABESCA 11 interfering 80211b/g disable 557/43 7/0 wep 0 17 16 0 no

84:c9:b2:0a:61:1c CHAN2 6 interfering 80211b/g-HT-20 disable 546/82 2/2 wpa-psk-tkip 0 6 7 0 no

e0:cb:4e:61:1a:34 Anette3 8 interfering 80211b/g disable 542/41 9/0 wep 0 6 4 1 no

d8:c7:c8:c6:b2:e3 testm 1 valid 80211b/g-HT-20 disable 533/533 0/0 wpa2-psk-aes 0 60 60 0 no

00:19:a9:e1:ce:d4 CNSWIFI 1 interfering 80211b/g disable 529/529 12/11 wpa2-8021x-aes 0 5 5 0 no

00:1e:58:b6:e8:45 WirelessSantiago 6 interfering 80211b/g disable 529/80 0/1 wpa-psk-tkip 0 8 8 2 no

00:1f:c6:29:4c:05 Cristobal 9 interfering 80211b/g disable 525/41 8/0 wep 0 3 3 1 no

00:13:46:51:c5:03 Flor 2 interfering 80211b/g disable 442/37 20/1 wep 0 6 6 0 no

d8:c7:c8:c6:b2:eb testm 60 valid 80211a-HT-40 disable 439/89 4/0 wpa2-psk-aes 0 52 51 0 no

00:1e:58:c3:4d:d1 Propiedades Meyerholz 6 interfering 80211b/g disable 419/67 43/4 wpa-psk-tkip 0 4 4 0 no

e0:cb:4e:6d:5f:72 felipe 11 interfering 80211b/g disable 380/31 67/5 wep 0 0 8 1 no

58:35:d9:3a:f0:7f lhholanda\_64 161 interfering 80211a-HT-20 disable 310/65 310/65 wpa2-psk-aes 0 0 7 0 no

00:26:ed:b7:af:ca PROVIDENCIA 1 interfering 80211b/g disable 52/52 46/45 wpa-psk-tkip 0 4 4 0 no

Start:0

Length:31

Total:31

end of show ap monitor ap-list

========================================================

show ap mesh link

Neighbor list

-------------

MAC Portal Channel Age Hops Cost Relation Flags RSSI Rate Tx/Rx A-Req A-Resp A-Fail HT-Details Cluster ID

--- ------ ------- --- ---- ---- -------- ----- ---- ---------- ----- ------ ------ ---------- ----------

Total count: 0, Children: 0

Relation: P = Parent; C = Child; N = Neighbor; B = Blacklisted-neighbor

Flags: R = Recovery-mode; S = Sub-threshold link; D = Reselection backoff; F = Auth-failure; H = High Throughput; L = Legacy allowed;

 a = SAE Accepted; b = SAE Blacklisted-neighbour; e = SAE Enabled; u = portal-unreachable; o = opensystem

end of show ap mesh link

========================================================

show upgrade info

Image Upgrade Progress

----------------------

Mac IP Adress AP Class Status Image Info Error Detail

--- --------- -------- ------ ---------- ------------

d8:c7:c8:c4:46:9d 192.168.0.141 Orion image-ok image file none

d8:c7:c8:c4:6b:2e 192.168.0.113 Orion image-ok image file none

end of show upgrade info

========================================================

show log driver

100 GPIOC major 0

wdt: registered with refresh

Enabling Watchdog

Talisker RSSI LED initialization

Creating 1 MTD partitions on "ar7100-nor0":

0x00000000-0x01000000 : "flash"

i2c /dev entries driver

i2c-talisker: using default base 0x18040000

AD7416 driver probing for devices on AR7100 I2C

.<6>lo: Disabled Privacy Extensions

IPv6 over IPv4 tunneling driver

Starting Kernel SHA1 KAT ...Completed Kernel SHA1 KAT

Starting Kernel HMAC-SHA1 KAT ...Completed Kernel HMAC-SHA1 KAT

Starting Kernel DES KAT ...Completed Kernel DES KAT

Starting Kernel AES KAT ...Completed Kernel AES KAT

TPM driver running in 3203 mode

ag7100\_mod: module license 'unspecified' taints kernel.

AG7100: Length per segment 512

AG7100: Max segments per packet 4

AG7100: Max tx descriptor count 400

AG7100: Max rx descriptor count 252

AG7100: fifo cfg 3 018001ff

AG7100CHH: Mac address for unit 0

AG7100CHH: d8:c7:c8:c4:46:9d

ATHRF1: Port 0, Neg Success

ATHRF1: unit 0 phy addr 0 ATHRF1: reg0 0

ag7100\_ring\_alloc Allocated 4800 at 0x8078e000

ag7100\_ring\_alloc Allocated 3024 at 0x8644c000

AG7100: cfg1 0xf cfg2 0x7014

ATHRF1: Port 0, Neg Success

ATHRF1: unit 0 phy addr 0 ATHRF1: reg0 3100

AG7100: unit 0: phy not up carrier 1

Writing 4

ADDRCONF(NETDEV\_UP): bond0: link is not ready

AG7100: unit 0 phy is up...RGMii 100Mbps full duplex

AG7100: pll reg 0x18050010: 0x1099 AG7100: cfg\_1: 0x1ff0000

AG7100: cfg\_2: 0x3ff

AG7100: cfg\_3: 0x18001ff

AG7100: cfg\_4: 0xffff

AG7100: cfg\_5: 0x7ffef

AG7100: done cfg2 0x7115 ifctl 0x10000 miictrl 0x12

ADDRCONF(NETDEV\_CHANGE): bond0: link becomes ready

AP xml model 39, num\_radios 2 (jiffies 10858)

init\_asap\_mod: installation:0

radio 0: band 1 ant 0 max\_ssid 8

radio 1: band 0 ant 0 max\_ssid 8

election init: rand=18 HZ=500

setting bond0 as bridge child

setting gre0 as split child

Kernel watchdog refresh ended.

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)

wifi0: Base BSSID d8:c7:c8:c4:69:d8, 8 available BSSID(s)

bond0 address=d8:c7:c8:c4:46:9d

br0 address=d8:c7:c8:c4:46:9d

wifi0: AP type AP-105, radio 0, max\_bssids 8

wifi0: Atheros 9280: mem=0x10010000, irq=49 hw\_base=0xb0010000

wifi1: Base BSSID d8:c7:c8:c4:69:d0, 8 available BSSID(s)

bond0 address=d8:c7:c8:c4:46:9d

br0 address=d8:c7:c8:c4:46:9d

wifi1: AP type AP-105, radio 1, max\_bssids 8

wifi1: Atheros 9280: mem=0x10000000, irq=48 hw\_base=0xb0000000

kat driver unloaded

ip\_time\_handler: Got ip and packets on bond0 Started master election 14-0

process `snmpd' is using obsolete setsockopt SO\_BSDCOMPAT

bond0: no IPv6 routers present

br0: no IPv6 routers present

i am master now

asap\_send\_elected\_master: sent successfully

vap\_device\_event: UTC Time:17:26:16 dev aruba000 (0:0) has been registered

vap\_device\_event: dev aruba000 (0:0) is up

vap aruba000 vlan is 0. fwd-mode:0 mesh

vap\_device\_event: UTC Time:17:26:17 dev aruba003 (0:3) has been registered

vap\_device\_event: dev aruba003 (0:3) is up

vap\_device\_event: UTC Time:17:26:18 dev aruba103 (1:3) has been registered

vap\_device\_event: dev aruba103 (1:3) is up

protocol 0000 is buggy, dev bond0 nh=00000000 d=85b99b80

protocol 0000 is buggy, dev aruba000 nh=00000000 d=85b99780

aruba000: no IPv6 routers present

wifi0: no IPv6 routers present

aruba003: no IPv6 routers present

wifi1: no IPv6 routers present

aruba103: no IPv6 routers present

Driver Log

--------------------------------------------------------

Current Log Level 3 Log Counter 159 Timestamp 604.225082

098 wifi0: Channel Set to 157 (mesh-mode: 22, state: 5)

34 0.462115 wifi0: Internal Antenna Gain Set to 4.0 dB for 5 GHz

35 0.462127 wifi0: Internal Antenna Selected

36 0.462140 wifi0: Antenna Mode Selected: AUTO

37 0.462153 wifi0: disabling 40Mhz

38 0.462173 wifi0: RADIO CONFIG DONE

39 0.804734 aruba000: Scheduling VAP CONFIG update

40 0.804953 aruba000: VAP CONFIG DONE

41 0.806225 aruba000: Scheduling VAP CONFIG update

42 0.807310 aruba000: Scheduling VAP CONFIG update

43 0.807521 aruba000: VAP CONFIG DONE

44 0.879615 wifi0: Scheduling RADIO CONFIG update

45 1.76311 wifi0: Country Code Set to CL

46 1.97543 wifi0: EIRP (Config: 0.0dBm, Set: 4.0dBm, AP Max: 25.0dBm, Reg Max: 20dBm), Conducted Power Set: 0.0dBm, Gain: 4.0dBm

47 1.97572 wifi0: Channel Set to 157 (mesh-mode: 22, state: 5)

48 1.97590 wifi0: Internal Antenna Gain Set to 4.0 dB for 5 GHz

49 1.97601 wifi0: Internal Antenna Selected

50 1.97614 wifi0: Antenna Mode Selected: AUTO

51 1.97627 wifi0: enabling 40Mhz (channel 157+)

52 1.97640 aruba000: enabling HT on 1/1

53 1.97664 wifi0: RADIO CONFIG DONE

54 1.113785 wifi0: radio-id 0 initialised acktimeout 25 (usecs)

55 1.114716 wifi0: Scheduling RADIO CONFIG update

56 1.312296 wifi0: Country Code Set to CL

57 1.333532 wifi0: EIRP (Config: 0.0dBm, Set: 4.0dBm, AP Max: 25.0dBm, Reg Max: 20dBm), Conducted Power Set: 0.0dBm, Gain: 4.0dBm

58 1.333563 wifi0: Channel Set to 157 (mesh-mode: 22, state: 5)

59 1.333581 wifi0: Internal Antenna Gain Set to 4.0 dB for 5 GHz

60 1.333594 wifi0: Internal Antenna Selected

61 1.333715 wifi0: EIRP (Config: 63.5dBm, Set: 20.0dBm, AP Max: 25.0dBm, Reg Max: 20dBm), Conducted Power Set: 16.0dBm, Gain: 4.0dBm

62 1.333742 wifi0: Antenna Mode Selected: AUTO

63 1.333756 wifi0: radio-id 0 initialised acktimeout 25, ctstimeout: 25 (usecs)

64 1.333778 wifi0: requested distance 600 (metres) set acktimeout 25 (req:25), ctstimeout: 25 (usecs). ret: 0

65 1.333799 wifi0: enabling 40Mhz (channel 157+)

66 1.333822 wifi0: RADIO CONFIG DONE

67 1.336283 aruba003: Scheduling VAP CONFIG update

68 1.337999 aruba003: Encryption Mode Set to 1

69 1.338019 aruba003: WPS Mode Set to 0

70 1.338032 aruba003: HT Mode Set to 1

71 1.338044 aruba003: 40mhz enable to 1

72 1.338055 aruba003: 40mhz GI to 1

73 1.338066 aruba003: STBC TX streams to 1

74 1.338077 aruba003: STBC RX streams to 1

75 1.338092 aruba003: A-MPDU: Enabled, Tx Max 65535 Rx Max 3 Min Spacing 7

76 1.338109 aruba003: enabling HT on 1/1

77 1.338124 aruba003: Basic Rate Set to 150

78 1.338136 aruba003: Supported Rate Set to ff0

79 1.338155 aruba003: DTIM Period Set to 1

80 1.338170 aruba003: ESSID Set to aruba-ap

81 1.338180 aruba003: Max Retries Set to 8

82 1.338190 aruba003: RTS Threshold Set to 2333

83 1.338203 aruba003: Ageout Set to 1000

84 1.338267 aruba003: WMM ENABLED

85 1.338280 aruba003: VAP CONFIG DONE

86 1.596058 aruba003: Scheduling VAP CONFIG update

87 1.597376 wifi1: radio-id 1 initialised acktimeout 25 (usecs)

88 1.597992 aruba003: Encryption Mode Set to 20

89 1.598006 aruba003: WPS Mode Set to 0

90 1.598022 aruba003: ESSID Set to testm

91 1.598032 aruba003: Ageout Set to 1000

92 1.598048 aruba003: VAP CONFIG DONE

93 1.601491 aruba103: Scheduling VAP CONFIG update

94 1.601996 aruba103: Encryption Mode Set to 1

95 1.602015 aruba103: WPS Mode Set to 0

end of show log driver

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show log debug

Dec 1 13:26:21 sapd[906]: <404072> |AP meshportal@192.168.0.141 sapd| AM d8:c7:c8:c4:69:d0: ARM - too much power decreasing... cov-index 0/0 tx-power 12 new\_rra 1/7

Dec 1 13:26:21 sapd[906]: sapd\_am\_req: Chan/pwr assignment: bssid d8:c7:c8:c4:69:d0 reason 0 chan 1 secchan 0 intol40 0 pwr 7

Dec 1 13:26:21 sapd[906]: sapd\_proc\_apcli\_msg: apcli msg recv-ed: len=13 type=1 .....

Dec 1 13:26:21 sapd[906]: sapd\_proc\_apcli\_msg: apcli msg recv-ed: len=13 type=3 .....

Dec 1 13:26:21 sapd[906]: rnum 1 tx\_power=42

Dec 1 13:26:21 sapd[906]: radio commit - /proc/sys/dev/wifi1/tx\_power:42

Dec 1 13:26:21 sapd[906]: send\_pwr\_status\_to\_stm: pwr status aruba003 bssid = d8:c7:c8:c4:69:db, actual\_eirp=34, max\_eirp=40

Dec 1 13:26:21 sapd[906]: send\_pwr\_status\_to\_stm: pwr status aruba103 bssid = d8:c7:c8:c4:69:d3, actual\_eirp=40, max\_eirp=40

Dec 1 13:26:21 sapd[906]: sapd\_am\_update:212

Dec 1 13:26:27 dnsmasq[1166]: get config, role is 1

Dec 1 13:26:27 dnsmasq[1166]: started, version 2.55 cachesize 150

Dec 1 13:26:27 dnsmasq[1166]: compile time options: IPv6 GNU-getopt no-DBus no-I18N DHCP no-TFTP

Dec 1 13:26:27 dnsmasq-dhcp[1166]: DHCP, IP range 172.16.11.3 -- 172.16.11.254, lease time 12h

Dec 1 13:26:27 dnsmasq[1166]: using nameserver 208.67.220.123#53

Dec 1 13:26:27 dnsmasq[1166]: using nameserver 208.67.222.123#53

Dec 1 13:26:27 dnsmasq[1166]: read /etc/hosts - 1 addresses

Dec 1 13:26:27 dnsmasq[1166]: failed to load names from /etc/ld\_ppp\_hosts: No such file or directory

Dec 1 13:26:27 dnsmasq[1166]: read /etc/ld\_eth\_hosts - 4 addresses

Dec 1 13:26:27 radiusd[1164]: Loaded virtual server inner-tunnel

Dec 1 13:26:27 radiusd[1164]: Loaded virtual server

Dec 1 13:26:27 radiusd[1164]: Ready to process requests.

Dec 1 13:26:27 radiusd-term[1165]: Loaded virtual server inner-tunnel

Dec 1 13:26:27 radiusd-term[1165]: Loaded virtual server

Dec 1 13:26:27 radiusd-term[1165]: Ready to process requests.

Dec 1 13:27:14 sapd[906]: <404075> |AP meshportal@192.168.0.141 sapd| AM d8:c7:c8:c4:69:d0: ARM - decreasing power cov-index 18/0 tx-power 7 new\_rra 1/6

Dec 1 13:27:14 sapd[906]: sapd\_am\_req: Chan/pwr assignment: bssid d8:c7:c8:c4:69:d0 reason 0 chan 1 secchan 0 intol40 0 pwr 6

Dec 1 13:27:14 sapd[906]: sapd\_proc\_apcli\_msg: apcli msg recv-ed: len=13 type=1 .....

Dec 1 13:27:14 sapd[906]: sapd\_proc\_apcli\_msg: apcli msg recv-ed: len=13 type=3 .....

Dec 1 13:27:14 sapd[906]: rnum 1 tx\_power=36

Dec 1 13:27:14 sapd[906]: radio commit - /proc/sys/dev/wifi1/tx\_power:36

Dec 1 13:27:14 sapd[906]: send\_pwr\_status\_to\_stm: pwr status aruba003 bssid = d8:c7:c8:c4:69:db, actual\_eirp=34, max\_eirp=40

Dec 1 13:27:14 sapd[906]: send\_pwr\_status\_to\_stm: pwr status aruba103 bssid = d8:c7:c8:c4:69:d3, actual\_eirp=40, max\_eirp=40

Dec 1 13:27:14 sapd[906]: sapd\_am\_update:212

Dec 1 13:27:17 awc[903]: image\_request: 619: writing header='POST /instant HTTP/1.1^M Host: 184.73.238.90^M Content-Length: 0^M X-Type: firmware-check^M X-Guid: 4a8508d9016ea2b56a97542b2789696d171ecb40fcf9fdbf01^M X-OEM-Tag: Aruba^M X-Current-Version: 6.1.2.3-2.0.0.2\_31227^M X-Ap-Info: BE0001694,39^M X-Ap-Info: BE0011055,39^M ^M '

Dec 1 13:27:19 awc[903]: in 'parse\_awc\_header', ssl\_read return value = 147, ssl\_read buf=HTTP/1.1 200 OK^M Date: Thu, 01 Dec 2011 17:27:20 GMT^M Server: lighttpd/1.5.0^M X-Type: firmware-check^M Content-Length: 0^M Connection: keep-alive^M ^M , awc->response=(null);

Dec 1 13:27:19 cli[904]: <341085> |AP meshportal@192.168.0.141 cli| get\_version\_and\_url\_for\_multi\_class\_image\_upgrade: 718: payload empty.

Dec 1 13:35:50 syslog: User admin IP 192.168.0.119 login by web UI fail

Dec 1 13:35:56 syslog: User admin IP 192.168.0.119 login by web UI successfully

Dec 1 13:36:19 syslog: process\_msg\_ref: 20: got msg\_ref of len 93662 and body 'http://192.168.0.113/.cli\_msg\_kCWZvC'

Dec 1 13:36:19 syslog: process\_msg\_ref: 30: executing 'wget -q http://192.168.0.113/.cli\_msg\_kCWZvC -O -'

Dec 1 13:36:19 syslog: process\_msg\_ref: 38: reading large msg

Dec 1 13:36:20 meshd[916]: meshd\_set\_link\_cost: Using forward RSSI for mac: d8:c7:c8:c6:b2:e8, fwd-rssi: 53, rev-rssi: 0. (max\_rssi: 38), link-cost(cH):0

Dec 1 13:36:20 cli[904]: 7

end of show log debug

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