

# ap7e-kimmel

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```
----- show version -----  
  
Cisco IOS Software, C1140 Software (C1140-K9W7-M), Version 12.4(21a)JY, RELEASE SOFTWARE (fc1)  
Technical Support: http://www.cisco.com/techsupport  
Copyright (c) 1986-2010 by Cisco Systems, Inc.  
Compiled Wed 28-Apr-10 10:20 by prod_rel_team
```

```
ROM: Bootstrap program is C1140 boot loader  
BOOTLDR: C1140 Boot Loader (C1140-BOOT-M) Version 12.4(18a)JA3, RELEASE SOFTWARE (fc1)  
ap7e-kimmel uptime is 6 days, 1 hour, 40 minutes  
System returned to ROM by reload  
System restarted at 09:17:54 EDT Fri Oct 8 2010  
System image file is "flash:/c1140-k9w7-mx.124-21a.JY/c1140-k9w7-mx.124-21a.JY"
```

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<http://www.cisco.com/wwl/export/crypto/tool/stqrg.html>

If you require further assistance please contact us by sending email to [export@cisco.com](mailto:export@cisco.com).

```
cisco AIR-LAP1142N-A-K9      (PowerPC405ex) processor (revision B0) with 98294K/32768K bytes of memory.  
Processor board ID FTX1418S209  
PowerPC405ex CPU at 586Mhz, revision number 0x147E  
Last reset from reload  
1 Gigabit Ethernet interface  
2 802.11 Radio(s)
```

32K bytes of flash-simulated non-volatile configuration memory.

```
Base ethernet MAC Address: 68:EF:BD:F3:FA:F8  
Part Number                : 73-11451-08  
PCA Assembly Number        : 800-30554-06  
PCA Revision Number        : A0  
PCB Serial Number          : FOC14132U0A  
Top Assembly Part Number   : 800-31273-04  
Top Assembly Serial Number : FTX1418S209  
Top Revision Number        : A0  
Product/Model Number       : AIR-LAP1142N-A-K9
```

Configuration register is 0xF

```
----- show running-config -----
```

Building configuration...

```
SSID CONFIG WARNING: [NYU-ROAM2]: If radio clients are using EAP-FAST, AUTH OPEN with EAP should also be configured.  
SSID CONFIG WARNING: [survey1]: If radio clients are using EAP-FAST, AUTH OPEN with EAP should also be configured.  
Current configuration : 9913 bytes
```

```
!  
version 12.4  
no service pad  
service timestamps debug datetime msec  
service timestamps log datetime msec localtime show-timezone  
service password-encryption  
!  
hostname ap7e-kimmel  
!  
enable secret 5 <removed>  
!  
aaa new-model  
!  
aaa group server radius rad_eap
```

```
server 128.122.253.69 auth-port 1645 acct-port 1646
server 128.122.253.39 auth-port 1645 acct-port 1646
!
aaa group server radius rad_mac
!
aaa group server radius rad_acct
server 128.122.253.69 auth-port 1645 acct-port 1646
server 128.122.253.39 auth-port 1645 acct-port 1646
!
aaa group server radius rad_admin
!
aaa group server tacacs+ tac_admin
!
aaa group server radius rad_pmip
!
aaa group server radius dummy
!
aaa authentication login default local
aaa authentication login eap_methods group rad_eap
aaa authentication login mac_methods local
aaa authorization exec default local
aaa accounting network acct_methods start-stop group rad_acct
!
aaa session-id common
clock timezone EST -5
clock summer-time EDT recurring
ip domain name wireless.net.nyu.edu
!
!
dot11 syslog
dot11 activity-timeout client default 180
!
dot11 ssid NYU-ROAM2
vlan 1235
authentication network-eap eap_methods
mbssid guest-mode dtim-period 2
!
dot11 ssid NYU-ROAM3
vlan 1233
authentication open
mbssid guest-mode dtim-period 2
!
dot11 ssid nyu
vlan 1231
authentication open eap eap_methods
authentication key-management wpa
mbssid guest-mode dtim-period 2
!
dot11 ssid nyuguest
vlan 1232
authentication open
mbssid guest-mode dtim-period 2
!
dot11 ssid nyupda
vlan 1234
authentication open
mbssid guest-mode dtim-period 2
!
dot11 ssid survey1
vlan 1236
authentication network-eap eap_methods
!
dot11 network-map
dot11 adjacent-ap age-timeout 1
!
!
username manager privilege 15 password 7 <removed>
!
!
bridge irb
!
!
interface Dot11Radio0
no ip address
no ip route-cache
!
encryption vlan 1231 mode ciphers aes-ccm tkip
!
encryption vlan 1235 mode wep mandatory
!
encryption vlan 1236 mode wep mandatory mic key-hash
!
broadcast-key vlan 1236 change 900
!
```

```
!  
ssid NYU-ROAM2  
!  
ssid NYU-ROAM3  
!  
ssid nyu  
!  
ssid nyuguest  
!  
ssid nyupda  
!  
ssid survey1  
!  
antenna gain 0  
mbssid  
speed basic-11.0 6.0 9.0 12.0 18.0 24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11. m12. m13. m14  
power local 11  
power client 11  
channel 2437  
station-role root fallback shutdown  
rts threshold 2312  
bridge-group 1  
bridge-group 1 subscriber-loop-control  
bridge-group 1 block-unknown-source  
no bridge-group 1 source-learning  
no bridge-group 1 unicast-flooding  
bridge-group 1 spanning-disabled  
!  
interface Dot11Radio0.1231  
encapsulation dot1Q 1231  
no ip route-cache  
bridge-group 10  
bridge-group 10 subscriber-loop-control  
bridge-group 10 port-protected  
bridge-group 10 block-unknown-source  
no bridge-group 10 source-learning  
no bridge-group 10 unicast-flooding  
bridge-group 10 spanning-disabled  
!  
interface Dot11Radio0.1232  
encapsulation dot1Q 1232  
no ip route-cache  
bridge-group 20  
bridge-group 20 subscriber-loop-control  
bridge-group 20 port-protected  
bridge-group 20 block-unknown-source  
no bridge-group 20 source-learning  
no bridge-group 20 unicast-flooding  
bridge-group 20 spanning-disabled  
!  
interface Dot11Radio0.1233  
encapsulation dot1Q 1233  
no ip route-cache  
bridge-group 30  
bridge-group 30 subscriber-loop-control  
bridge-group 30 port-protected  
bridge-group 30 block-unknown-source  
no bridge-group 30 source-learning  
no bridge-group 30 unicast-flooding  
bridge-group 30 spanning-disabled  
!  
interface Dot11Radio0.1234  
encapsulation dot1Q 1234  
no ip route-cache  
bridge-group 40  
bridge-group 40 subscriber-loop-control  
bridge-group 40 port-protected  
bridge-group 40 block-unknown-source  
no bridge-group 40 source-learning  
no bridge-group 40 unicast-flooding  
bridge-group 40 spanning-disabled  
!  
interface Dot11Radio0.1235  
encapsulation dot1Q 1235  
no ip route-cache  
bridge-group 50  
bridge-group 50 subscriber-loop-control  
bridge-group 50 port-protected  
bridge-group 50 block-unknown-source  
no bridge-group 50 source-learning  
no bridge-group 50 unicast-flooding  
bridge-group 50 spanning-disabled  
!  
interface Dot11Radio0.1236
```

```
encapsulation dot1Q 1236
no ip route-cache
bridge-group 60
bridge-group 60 subscriber-loop-control
bridge-group 60 port-protected
bridge-group 60 block-unknown-source
no bridge-group 60 source-learning
no bridge-group 60 unicast-flooding
bridge-group 60 spanning-disabled
!
interface Dot11Radiol
no ip address
no ip route-cache
!
encryption vlan 1231 mode ciphers aes-ccm tkip
!
encryption vlan 1235 mode wep mandatory
!
encryption vlan 1236 mode wep mandatory mic key-hash
!
broadcast-key vlan 1236 change 900
!
!
ssid NYU-ROAM2
!
ssid NYU-ROAM3
!
ssid nyu
!
ssid nyuguest
!
ssid nyupda
!
ssid survey1
!
antenna gain 0
dfs band 3 block
mbssid
speed basic-12.0 18.0 basic-24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11. m12. m13. m14. m15.
power local 11
channel dfs
station-role root fallback shutdown
rts threshold 2312
bridge-group 1
bridge-group 1 block-unknown-source
no bridge-group 1 source-learning
no bridge-group 1 unicast-flooding
bridge-group 1 spanning-disabled
!
interface Dot11Radiol.1231
encapsulation dot1Q 1231
no ip route-cache
bridge-group 10
bridge-group 10 subscriber-loop-control
bridge-group 10 port-protected
bridge-group 10 block-unknown-source
no bridge-group 10 source-learning
no bridge-group 10 unicast-flooding
bridge-group 10 spanning-disabled
!
interface Dot11Radiol.1232
encapsulation dot1Q 1232
no ip route-cache
bridge-group 20
bridge-group 20 subscriber-loop-control
bridge-group 20 port-protected
bridge-group 20 block-unknown-source
no bridge-group 20 source-learning
no bridge-group 20 unicast-flooding
bridge-group 20 spanning-disabled
!
interface Dot11Radiol.1233
encapsulation dot1Q 1233
no ip route-cache
bridge-group 30
bridge-group 30 subscriber-loop-control
bridge-group 30 port-protected
bridge-group 30 block-unknown-source
no bridge-group 30 source-learning
no bridge-group 30 unicast-flooding
bridge-group 30 spanning-disabled
!
interface Dot11Radiol.1234
encapsulation dot1Q 1234
```

```
no ip route-cache
bridge-group 40
bridge-group 40 subscriber-loop-control
bridge-group 40 port-protected
bridge-group 40 block-unknown-source
no bridge-group 40 source-learning
no bridge-group 40 unicast-flooding
bridge-group 40 spanning-disabled
!
interface Dot11Radiol.1235
encapsulation dot1Q 1235
no ip route-cache
bridge-group 50
bridge-group 50 subscriber-loop-control
bridge-group 50 port-protected
bridge-group 50 block-unknown-source
no bridge-group 50 source-learning
no bridge-group 50 unicast-flooding
bridge-group 50 spanning-disabled
!
interface Dot11Radiol.1236
encapsulation dot1Q 1236
no ip route-cache
bridge-group 60
bridge-group 60 subscriber-loop-control
bridge-group 60 port-protected
bridge-group 60 block-unknown-source
no bridge-group 60 source-learning
no bridge-group 60 unicast-flooding
bridge-group 60 spanning-disabled
!
interface GigabitEthernet0
no ip address
no ip route-cache
duplex auto
speed auto
no keepalive
bridge-group 1
no bridge-group 1 source-learning
bridge-group 1 spanning-disabled
!
interface GigabitEthernet0.1230
encapsulation dot1Q 1230
ip address dhcp client-id GigabitEthernet0
no ip route-cache
!
interface GigabitEthernet0.1231
encapsulation dot1Q 1231
no ip route-cache
bridge-group 10
no bridge-group 10 source-learning
bridge-group 10 spanning-disabled
!
interface GigabitEthernet0.1232
encapsulation dot1Q 1232
no ip route-cache
bridge-group 20
no bridge-group 20 source-learning
bridge-group 20 spanning-disabled
!
interface GigabitEthernet0.1233
encapsulation dot1Q 1233
no ip route-cache
bridge-group 30
no bridge-group 30 source-learning
bridge-group 30 spanning-disabled
!
interface GigabitEthernet0.1234
encapsulation dot1Q 1234
no ip route-cache
bridge-group 40
no bridge-group 40 source-learning
bridge-group 40 spanning-disabled
!
interface GigabitEthernet0.1235
encapsulation dot1Q 1235
no ip route-cache
bridge-group 50
no bridge-group 50 source-learning
bridge-group 50 spanning-disabled
!
interface GigabitEthernet0.1236
encapsulation dot1Q 1236
no ip route-cache
```

```

bridge-group 60
no bridge-group 60 source-learning
bridge-group 60 spanning-disabled
!
interface BVI1
ip address dhcp client-id GigabitEthernet0
no ip route-cache
!
ip http server
ip http authentication aaa
no ip http secure-server
ip http help-path http://www.cisco.com/warp/public/779/smbiz/prodconfig/help/eag
ip radius source-interface BVI1
logging facility local3
logging 128.122.128.30
snmp-server community <removed> RW
snmp-server community <removed> RO
snmp-server location Kimmel Center, 7th Floor
snmp-server contact noc@nyu.edu
snmp-server chassis-id ap7e-kimmel
snmp-server enable traps snmp authentication linkdown linkup coldstart warmstart
snmp-server enable traps tty
snmp-server enable traps entity
snmp-server enable traps disassociate
snmp-server enable traps deauthenticate
snmp-server enable traps authenticate-fail
snmp-server enable traps dot11-gos
snmp-server enable traps switch-over
snmp-server enable traps rogue-ap
snmp-server enable traps wlan-wep
snmp-server enable traps config
snmp-server enable traps syslog
snmp-server enable traps cpu threshold
snmp-server enable traps aaa_server
snmp-server host 128.122.128.18 <removed>
radius-server attribute 32 include-in-access-req format %h
radius-server host 128.122.253.69 auth-port 1645 acct-port 1646 key 7 <removed>
radius-server host 128.122.253.39 auth-port 1645 acct-port 1646 key 7 <removed>
radius-server vsa send accounting
radius-server vsa send authentication
bridge 1 route ip
!
!
!
line con 0
line vty 5 15
!
snmp server 128.122.253.90
snmp broadcast client
end

```

----- show stacks -----

Minimum process stacks:

Free/Size	Name
4832/6000	soap_flash init
10832/12000	DHCP Autoinstall
11616/12000	Setup
5608/6000	Autoinstall
5564/6000	Clock Update Proc
11532/12000	BootP Resolver
3556/6000	Soap Flash Save Variables
5628/6000	dot11 platform init
8836/12000	Init
5456/6000	RADIUS INITCONFIG
3788/6000	RAC I/F Conf.
4924/6000	TFTP Read Process
8448/12000	Soap Upgrade fetch Config File
2540/3000	Rom Random Update Process
5636/6000	Cascade Sys Init
10244/12000	SSH Process
35028/36000	TCP Command
9468/12000	Virtual Exec
18068/24000	HTTP CP

Interrupt level stacks:

Level	Called	Unused/Size	Name
4	148224220	6380/9000	dot11 radio interrupt
6	92516	8956/9000	NS16550 VECTOR

----- show interfaces -----

```

BVI1 is up, line protocol is up
Hardware is BVI, address is 68ef.bdf3.faf8 (bia 2893.fe2f.baf0)
Internet address is 172.28.13.98/24
MTU 1500 bytes, BW 54000 Kbit, DLY 5000 usec,
    reliability 255/255, txload 1/255, rxload 1/255
Encapsulation ARPA, loopback not set
ARP type: ARPA, ARP Timeout 04:00:00
Last input never, output never, output hang never
Last clearing of "show interface" counters never
Input queue: 0/75/0/0 (size/max/drops/flushes); Total output drops: 0
5 minute input rate 3000 bits/sec, 4 packets/sec
5 minute output rate 17000 bits/sec, 3 packets/sec
    1615697 packets input, 109688818 bytes, 0 no buffer
    Received 0 broadcasts, 0 runts, 0 giants, 0 throttles
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    111627 packets output, 23536250 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 unknown protocol drops
    0 output buffer failures, 0 output buffers swapped out
Dot11Radio0 is reset, line protocol is down
Hardware is 802.11N 2.4GHz Radio, address is 2893.fe2f.baf0 (bia 2893.fe2f.baf0)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
    reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1., loopback not set
ARP type: ARPA, ARP Timeout 04:00:00
Last input 1d21h, output 00:00:00, output hang never
Last clearing of "show interface" counters never
Input queue: 0/1677/564/0 (size/max/drops/flushes); Total output drops: 13039
Queueing strategy: fifo
Output queue: 0/30 (size/max)
5 minute input rate 0 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
    7509367 packets input, 950559998 bytes, 0 no buffer
    Received 100393 broadcasts, 0 runts, 0 giants, 0 throttles
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
    0 input packets with dribble condition detected
    2255050 packets output, 1280251987 bytes, 0 underruns
    6538 output errors, 0 collisions, 12 interface resets
    0 unknown protocol drops
    0 babbles, 0 late collision, 0 deferred
    0 lost carrier, 0 no carrier
    0 output buffer failures, 0 output buffers swapped out
Dot11Radio0.1231 is reset, line protocol is down
Hardware is 802.11N 2.4GHz Radio, address is 2893.fe2f.baf0 (bia 2893.fe2f.baf0)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
    reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1231.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
Dot11Radio0.1232 is reset, line protocol is down
Hardware is 802.11N 2.4GHz Radio, address is 2893.fe2f.baf0 (bia 2893.fe2f.baf0)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
    reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1232.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
Dot11Radio0.1233 is reset, line protocol is down
Hardware is 802.11N 2.4GHz Radio, address is 2893.fe2f.baf0 (bia 2893.fe2f.baf0)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
    reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1233.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
Dot11Radio0.1234 is reset, line protocol is down
Hardware is 802.11N 2.4GHz Radio, address is 2893.fe2f.baf0 (bia 2893.fe2f.baf0)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
    reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1234.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
Dot11Radio0.1235 is reset, line protocol is down
Hardware is 802.11N 2.4GHz Radio, address is 2893.fe2f.baf0 (bia 2893.fe2f.baf0)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
    reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1235.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
Dot11Radio0.1236 is reset, line protocol is down
Hardware is 802.11N 2.4GHz Radio, address is 2893.fe2f.baf0 (bia 2893.fe2f.baf0)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
    reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1236.
ARP type: ARPA, ARP Timeout 04:00:00

```

```
Last clearing of "show interface" counters never
Dot11Radiol is up, line protocol is up
Hardware is 802.11N 5GHz Radio, address is 2893.fe60.b650 (bia 2893.fe60.b650)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1., loopback not set
ARP type: ARPA, ARP Timeout 04:00:00
Last input 1d19h, output 00:00:00, output hang never
Last clearing of "show interface" counters never
Input queue: 0/1677/5/0 (size/max/drops/flushes); Total output drops: 2290467
Queueing strategy: fifo
Output queue: 0/30 (size/max)
5 minute input rate 1000 bits/sec, 1 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
  5780236 packets input, 1300371638 bytes, 0 no buffer
  Received 53508 broadcasts, 0 runts, 0 giants, 0 throttles
  0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
  0 input packets with dribble condition detected
  9243092 packets output, 2040021515 bytes, 0 underruns
  1814 output errors, 0 collisions, 2 interface resets
  0 unknown protocol drops
  0 babbles, 0 late collision, 0 deferred
  0 lost carrier, 0 no carrier
  0 output buffer failures, 0 output buffers swapped out
Dot11Radiol.1231 is up, line protocol is up
Hardware is 802.11N 5GHz Radio, address is 2893.fe60.b650 (bia 2893.fe60.b650)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1231.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
Dot11Radiol.1232 is up, line protocol is up
Hardware is 802.11N 5GHz Radio, address is 2893.fe60.b650 (bia 2893.fe60.b650)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1232.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
Dot11Radiol.1233 is up, line protocol is up
Hardware is 802.11N 5GHz Radio, address is 2893.fe60.b650 (bia 2893.fe60.b650)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1233.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
Dot11Radiol.1234 is up, line protocol is up
Hardware is 802.11N 5GHz Radio, address is 2893.fe60.b650 (bia 2893.fe60.b650)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1234.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
Dot11Radiol.1235 is up, line protocol is up
Hardware is 802.11N 5GHz Radio, address is 2893.fe60.b650 (bia 2893.fe60.b650)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1235.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
Dot11Radiol.1236 is up, line protocol is up
Hardware is 802.11N 5GHz Radio, address is 2893.fe60.b650 (bia 2893.fe60.b650)
MTU 1500 bytes, BW 54000 Kbit, DLY 1000 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1236.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
GigabitEthernet0 is up, line protocol is up
Hardware is PowerPC405ex Ethernet, address is 68ef.bdf3.faf8 (bia 68ef.bdf3.faf8)
MTU 1500 bytes, BW 1000000 Kbit, DLY 10 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1., loopback not set
Full-duplex, 1000Mb/s, media type is T
output flow-control is unsupported, input flow-control is unsupported
ARP type: ARPA, ARP Timeout 04:00:00
Last input 00:00:00, output 00:00:00, output hang never
Last clearing of "show interface" counters never
Input queue: 61/1677/0/0 (size/max/drops/flushes); Total output drops: 0
Queueing strategy: fifo
Output queue: 0/40 (size/max)
5 minute input rate 35000 bits/sec, 65 packets/sec
5 minute output rate 17000 bits/sec, 3 packets/sec
  39365511 packets input, 6954503 bytes, 0 no buffer
  Received 8531216 broadcasts, 0 runts, 0 giants, 0 throttles
  0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
```



```

0 watchdog, 0 multicast, 0 pause input
0 input packets with dribble condition detected
6244643 packets output, 1435874110 bytes, 0 underruns
0 output errors, 0 collisions, 16 interface resets
171 unknown protocol drops
0 babbles, 0 late collision, 0 deferred
0 lost carrier, 0 no carrier, 0 pause output
0 output buffer failures, 0 output buffers swapped out
GigabitEthernet0.1230 is up, line protocol is up
Hardware is PowerPC405ex Ethernet, address is 68ef.bdf3.faf8 (bia 68ef.bdf3.faf8)
Internet address is 172.28.13.98/24
MTU 1500 bytes, BW 1000000 Kbit, DLY 10 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1230.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
GigabitEthernet0.1231 is up, line protocol is up
Hardware is PowerPC405ex Ethernet, address is 68ef.bdf3.faf8 (bia 68ef.bdf3.faf8)
MTU 1500 bytes, BW 1000000 Kbit, DLY 10 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1231.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
GigabitEthernet0.1232 is up, line protocol is up
Hardware is PowerPC405ex Ethernet, address is 68ef.bdf3.faf8 (bia 68ef.bdf3.faf8)
MTU 1500 bytes, BW 1000000 Kbit, DLY 10 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1232.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
GigabitEthernet0.1233 is up, line protocol is up
Hardware is PowerPC405ex Ethernet, address is 68ef.bdf3.faf8 (bia 68ef.bdf3.faf8)
MTU 1500 bytes, BW 1000000 Kbit, DLY 10 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1233.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
GigabitEthernet0.1234 is up, line protocol is up
Hardware is PowerPC405ex Ethernet, address is 68ef.bdf3.faf8 (bia 68ef.bdf3.faf8)
MTU 1500 bytes, BW 1000000 Kbit, DLY 10 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1234.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
GigabitEthernet0.1235 is up, line protocol is up
Hardware is PowerPC405ex Ethernet, address is 68ef.bdf3.faf8 (bia 68ef.bdf3.faf8)
MTU 1500 bytes, BW 1000000 Kbit, DLY 10 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1235.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never
GigabitEthernet0.1236 is up, line protocol is up
Hardware is PowerPC405ex Ethernet, address is 68ef.bdf3.faf8 (bia 68ef.bdf3.faf8)
MTU 1500 bytes, BW 1000000 Kbit, DLY 10 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation 802.1Q Virtual LAN, Vlan ID 1236.
ARP type: ARPA, ARP Timeout 04:00:00
Last clearing of "show interface" counters never

```

```
----- show controllers -----
```

```

!
interface Dot11Radio0
Radio AIR-AP1140G, Base Address 2893.fe2f.baf0, BBlock version 0.00, Software version 2.10.21
Serial number: FOC14132AVP
Number of supported simultaneous BSSID on Dot11Radio0: 16
Carrier Set: Americas (US) (-A)
Uniform Spreading Required: No
Configured Frequency: 2437 MHz Channel 6
Allowed Frequencies: 2412(1) 2417(2) 2422(3) 2427(4) 2432(5) 2437(6) 2442(7) 2447(8) 2452(9) 2457(10) 2462(11)
Listen Frequencies: 2412(1) 2417(2) 2422(3) 2427(4) 2432(5) 2437(6) 2442(7) 2447(8) 2452(9) 2457(10) 2462(11) 2467(12) 2
Beacon Flags: 1, Interface Flags 82010D, Interface Events 24041
; Beacons are enabled; Probes are enabled
Configured Power: 11 dBm
Active power levels by rate
  1.0 to m6.    , 11 dBm
  m7. to m7.    , 10 dBm, changed due to regulatory maximum
  m8. to m14.   , 11 dBm
  m15. to m15.  , 10 dBm, changed due to regulatory maximum
  m0.-4 to m6.-4 , 11 dBm
  m7.-4 to m7.-4 , 10 dBm, changed due to regulatory maximum
  m8.-4 to m14.-4, 11 dBm
  m15.-4 to m15.-4, 10 dBm, changed due to regulatory maximum

```

OffChnl Power: 20, Rate 1.0  
 Allowed Power Levels: -1 2 5 8 11 14 17 20  
 Allowed Client Power Levels: 2 5 8 11 14 17 20  
 Receive Antennas : right-a left-b middle-c  
 Transmit Antennas : right-a left-b, cck single, ofdm single  
 Antenna: internal, Gain: Allowed 8, Reported 0, Configured 0, In Use 8  
 Active Rates: basic-11.0 6.0 9.0 12.0 18.0 24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11. m12. m  
 Current Rates: basic-11.0 6.0 9.0 12.0 18.0 24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11. m12.  
 Allowed Rates: 1.0 2.0 5.5 6.0 9.0 11.0 12.0 18.0 24.0 36.0 48.0 54.0  
 All Rates: 1.0 2.0 5.5 11.0 6.0 9.0 12.0 18.0 24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11. m12  
 Default Rates: basic-1.0 basic-2.0 basic-5.5 basic-11.0 6.0 9.0 12.0 18.0 24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m  
 Best Range Rates: basic-1.0 2.0 5.5 11.0 6.0 9.0 12.0 18.0 24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9.  
 Best Throughput Rates: basic-1.0 basic-2.0 basic-5.5 basic-11.0 basic-6.0 basic-9.0 basic-12.0 basic-18.0 basic-24.0 ba  
 Current Voice Rates: basic-5.5 basic-11.0 6.0 12.0 24.0 [disabled until voice packet-discard enabled]  
 Default Voice Rates: basic-5.5 basic-11.0 6.0 12.0 24.0  
 Managment Rates: basic-11.0 6.0 9.0  
 Multicast Rates: basic-11.0  
 Data Rate Sensitivity (rate, SNR dB, Contention dBm)  
 ( 1.0, 10, -93) ( 2.0, 10, -92) ( 5.5, 11, -90) (11.0, 14, -90)  
 ( 6.0, 15, -89) ( 9.0, 16, -88) (12.0, 18, -88) (18.0, 19, -86)  
 (24.0, 20, -85) (36.0, 24, -81) (48.0, 27, -78) (54.0, 31, -77)  
 ERP settings: short slot time.  
 Neighbors in non-erp mode:

Legacy Beamforming: Configured No, Active No  
 TX A-MPDU Priority: 0x01  
 HT protection: HT mixed mode.  
 Neighbors with non-HT members:

Number of MFP Indices: 10  
 RFID Tag Detection: Disabled  
 Multicast Address filtered:  
 Packet type filtered:  
 00 0C rm scn  
 Probe limit: active off, filter on, count 0, time 0  
 Assoc limit: active off, count 0, time 0  
 Radio Management (RM) Configuration: Regular AP, Mode 1, Disabled

MCST RSCs: [0]0x0 [1]0x0 [2]0x0 [3]0x0 [4]0x0  
 TKIP Cum Stats: STA MIC-L-Errs MIC-R-Errs Replay C-Measure  
 0000.0000.0000 00000000 00000000 00000000 00000000

AES-CCMP Cum Stats: 00000041 replays discarded  
 QBSS Load: 0xFE, Policing Stats: Rx downgrades 0, Tx downgrades 0  
 Classifier Stats tx\_on\_up6 0, tx\_on\_up4 0

Configured Local Access Class Parameters  
 Back : cw-min 4 cw-max 10 fixed-slot 7 admission-control Off txop 0  
 Best : cw-min 4 cw-max 6 fixed-slot 3 admission-control Off txop 0  
 Video : cw-min 3 cw-max 4 fixed-slot 1 admission-control Off txop 3008  
 Voice : cw-min 2 cw-max 3 fixed-slot 1 admission-control Off txop 0

Configured Cell Access Class Parameters  
 Back : cw-min 4 cw-max 10 fixed-slot 7 admission-control Off txop 0  
 Best : cw-min 4 cw-max 10 fixed-slot 3 admission-control Off txop 0  
 Video : cw-min 3 cw-max 4 fixed-slot 2 admission-control Off txop 3008  
 Voice : cw-min 2 cw-max 3 fixed-slot 2 admission-control Off txop 0

SIP stats sip\_udp\_rx\_pkt 0, sip\_tcp\_rx\_pkt 0,  
 downlink classified\_pkt 0,  
 uplink classified\_pkt 0,  
 num\_processed\_SIP\_Calls 0

Transmit queues: In Progress 0

--- Active ---		In-Progress			----- Counts -----						
Cnt	Quo	Bas	Max	Cnt	Quo	Bas	Sent	Discard	Fail	Retry	Multi
Uplink	0	0	0	0	0	0	0	0	0	0	0
Voice	0	1	424	1	0	0	61377	117	5224	13498	8895
Video	0	0	0	0	0	0	0	0	1	0	0
Best	1	3	212	3	0	0	1277312	564	1313	330094	219819
Mcast	0	0	0	0	0	0	0	0	0	0	0
Mcast	1	31	5	31	0	0	133976	1076	0	0	0
Mcast	0	31	5	31	0	0	591742	11215	0	0	0
Mcast	0	0	0	0	0	0	15858	25	0	0	0
Mcast	0	0	0	0	0	0	13958	41	0	0	0
Mcast	0	0	0	0	0	0	0	0	0	0	0
Back	0	0	0	0	0	0	0	0	0	0	0

BSSIDS	Index	Flags	State	Next	Held	Defer	NonDefer	Clients	Tsf	Dtim	Txq
BAF0	0	24	0	0	0	0	0	0	0	2	0
BAF1	1	25	5	0	0	1	0	1	148	2	1
BAF2	2	24	5	0	0	0	0	1	24	2	2
BAF3	3	24	0	0	0	0	0	0	172	2	3
BAF4	4	24	0	0	0	0	0	0	12	2	4
BAF5	5	24	0	0	0	0	0	0	160	2	5

Driver TX blocks: in use 0, high 0, at reset 0, fail 1 drop 1  
 ---Clients AID VLAN Status Age Tx Mode Enc Key Rate  
 0021.e982.fc91 3 1231 10A 960 400 OFF 60 0-0 01B0 604 1-10 10FF0000 06C 030  
 2ca8.3573.44b8 2 1233 00 160 000 OFF -15 1-0 00B0 000 0-0 10FF0000 00C 030  
 RxPkts KBytes Dup Dec Mic TxPkts KBytes Retry RSSI SNR



```

263E937C 26295654 26372E00 263DDFA8 26359C08 263CCCA0 263F3228 264EFB00
264A8490 262C3038 2651BFBC 2646582C 2628F720 263507F0 26316FA4 2639C86C
26463870 2622B9D4 26508264 263BAF04 2623CCDC 2656F494 2642EA30 264084A8
264A1034 2635FB3C 264216A0 26577384 262D18F0 263AD0E0 264853EC 262E4BB4
264A99B8 26426B40 2656B51C 2627A4A0 2642365C 262AE84C 2646C1F4 263FC640
263718D8 265D3C74 2652D2C4 265C3400 262BD104 2652B308 2656607C 2642DF9C
26236314 2637C218 262725B0 26522984 2654E3AC 264F2550 26332BEC 26550368
264EDB44 264C9578 2637780C 2622D990 2651CA50 263FB118 26271B1C 26276528
26581230 265BBFA4 264DE7F8 262CA494 2647FF4C 2645EE64 2655E18C 26234358
263B84B4 26244BCC 263262F0 262DCCC4 263B05C4 26312598 265BFF1C 26255440
2658079C 264162CC 265A4D68 264E7C10 264275D4 26476B34 2634E834 26318F60
2659D90C 26592538 264B2DD0 2634D30C 264D739C 26574934 2624F50C 26562B98
263527AC 26343460 265479E4 26366F98 263086EC 26483430 263CA250 0

```

Rcv done 7000C24, current 7000C24

```

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
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
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
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
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
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
0 0 0 0 0 0 0 0

```

TXSM Jammer information:

```

State: 0
Beacons seen: 0
Time since: 0
Jammer Radio resets: 0

```

TXSM Beacon information:

```

Monitoring State: 0
Flags: 80000000
Beacons seen: 19975291
Time since: 1542918852
Max Time w/o beacons: 3866108956
Beacon stuck count: 10
No MBSSID: 0
No SSIDs: 0
No beacon IEs: 0
No beacons in use: 0
CAPWAP state down: 10
Counts > 120 6
Counts > 90 0
Counts > 60 1
Counts > 30 1
Counts > 15 8
Counts > 10 7
Counts > 5 19

```

Radio PCI resets:5

```

Radio commands - total:1581038 delayed:0 timeouts:0 time high 00000000 low 00000000 usecs 00000000
Log buf magic 0(FA1A1AFA) 1(00000000) Active(0) 07000E58 Last(1) 070010C4
Last host cmd 0C fw cmd 0C TS DFB1601B MAGIC FA1A1AFA

```

```

CMD(04) - TS HOST 00000000 FW 0005189E seq 0
CMD(05) - TS HOST 00000000 FW 000518BB seq 0
CMD(06) - TS HOST 00000000 FW 00051102 seq 0
CMD(07) - TS HOST 00000000 FW 000518D3 seq 0
CMD(08) - TS HOST 00000000 FW 000527C0 seq 0
CMD(09) - TS HOST 00000000 FW 0005231A seq 0
CMD(0A) - TS HOST 00000000 FW 00058CA9 seq 0
CMD(0B) - TS HOST 00000000 FW 0005C19C seq 0
CMD(0C) - TS HOST 00000000 FW 00052864 seq 0
CMD(0D) - TS HOST 00000000 FW 0005183B seq 0
CMD(0E) - TS HOST 00000000 FW 4BC87D87 seq 0
CMD(10) - TS HOST 00000000 FW 00051886 seq 0
CMD(12) - TS HOST 00000000 FW 00051350 seq 0
CMD(14) - TS HOST 00000000 FW 00050F89 seq 0
CMD(15) - TS HOST 00000000 FW 0005A3B5 seq 0
CMD(16) - TS HOST DFA43720 FW 4FB6C46F seq 0
CMD(17) - TS HOST 00000000 FW 4F79BBF0 seq 0
CMD(1E) - TS HOST 00000000 FW 00051121 seq 0
CMD(20) - TS HOST 00000000 FW 433286AF seq 0
CMD(21) - TS HOST 00000000 FW 43325C72 seq 0
CMD(27) - TS HOST 00000000 FW 0005BA68 seq 0

```

```

-Channel Range- -----Rates----- Max Power Allowed
1 to 1 by 1 1.0 to 11.0 19 19 -1 2 5 8 11 14 17 20
6.0 to 18.0 16 16

```

	24.0	to 24.0	14	14	
	36.0	to 48.0	13	13	
	54.0	to 54.0	11	11	
	6.0-bf	to 18.0-b	16	16	
	24.0-b	to 24.0-b	14	14	
	36.0-b	to 48.0-b	13	13	
	54.0-b	to 54.0-b	11	11	
	m0.	to m3.	14	14	
	m4.	to m5.	13	13	
	m6.	to m6.	11	11	
	m7.	to m7.	10	10	
	m8.	to m11.	14	14	
	m12.	to m13.	13	13	
	m14.	to m14.	11	11	
	m15.	to m15.	10	10	
	m0.-4	to m6.-4	11	11	
	m7.-4	to m7.-4	10	10	
	m8.-4	to m14.-4	11	11	
	m15.-4	to m15.-4	10	10	
2 to		2 by 1	1.0	to 11.0	20 20 -1 2 5 8 11 14 17 20
			6.0	to 9.0	17 17
			12.0	to 18.0	16 16
			24.0	to 24.0	14 14
			36.0	to 48.0	13 13
			54.0	to 54.0	11 11
			6.0-bf	to 9.0-bf	17 17
			12.0-b	to 18.0-b	16 16
			24.0-b	to 24.0-b	14 14
			36.0-b	to 48.0-b	13 13
			54.0-b	to 54.0-b	11 11
			m0.	to m2.	16 16
			m3.	to m3.	14 14
			m4.	to m5.	13 13
			m6.	to m6.	11 11
			m7.	to m7.	10 10
			m8.	to m10.	16 16
			m11.	to m11.	14 14
			m12.	to m13.	13 13
			m14.	to m14.	11 11
			m15.	to m15.	10 10
			m0.-4	to m5.-4	13 13
			m6.-4	to m6.-4	11 11
			m7.-4	to m7.-4	10 10
			m8.-4	to m13.-4	13 13
			m14.-4	to m14.-4	11 11
			m15.-4	to m15.-4	10 10
3 to		3 by 1	1.0	to 11.0	20 20 -1 2 5 8 11 14 17 20
			6.0	to 9.0	17 17
			12.0	to 18.0	16 16
			24.0	to 24.0	14 14
			36.0	to 48.0	13 13
			54.0	to 54.0	11 11
			6.0-bf	to 9.0-bf	17 17
			12.0-b	to 18.0-b	16 16
			24.0-b	to 24.0-b	14 14
			36.0-b	to 48.0-b	13 13
			54.0-b	to 54.0-b	11 11
			m0.	to m0.	17 17
			m1.	to m2.	16 16
			m3.	to m3.	14 14
			m4.	to m5.	13 13
			m6.	to m6.	11 11
			m7.	to m7.	10 10
			m8.	to m8.	17 17
			m9.	to m10.	16 16
			m11.	to m11.	14 14
			m12.	to m13.	13 13
			m14.	to m14.	11 11
			m15.	to m15.	10 10
			m0.-4	to m3.-4	14 14
			m4.-4	to m5.-4	13 13
			m6.-4	to m6.-4	11 11
			m7.-4	to m7.-4	10 10
			m8.-4	to m11.-4	14 14
			m12.-4	to m13.-4	13 13
			m14.-4	to m14.-4	11 11
			m15.-4	to m15.-4	10 10
4 to		4 by 1	1.0	to 11.0	20 20 -1 2 5 8 11 14 17 20
			6.0	to 9.0	17 17
			12.0	to 18.0	16 16
			24.0	to 24.0	14 14
			36.0	to 48.0	13 13
			54.0	to 54.0	11 11
			6.0-bf	to 9.0-bf	17 17

```

12.0-b to 18.0-b 16 16
24.0-b to 24.0-b 14 14
36.0-b to 48.0-b 13 13
54.0-b to 54.0-b 11 11
m0. to m0. 17 17
m1. to m2. 16 16
m3. to m3. 14 14
m4. to m5. 13 13
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m8. 17 17
m9. to m10. 16 16
m11. to m11. 14 14
m12. to m13. 13 13
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m3.-4 14 14
m4.-4 to m5.-4 13 13
m6.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m11.-4 14 14
m12.-4 to m13.-4 13 13
m14.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10
5 to 5 by 1 1.0 to 11.0 20 20 -1 2 5 8 11 14 17 20
6.0 to 9.0 17 17
12.0 to 18.0 16 16
24.0 to 24.0 14 14
36.0 to 48.0 13 13
54.0 to 54.0 11 11
6.0-bf to 9.0-bf 17 17
12.0-b to 18.0-b 16 16
24.0-b to 24.0-b 14 14
36.0-b to 48.0-b 13 13
54.0-b to 54.0-b 11 11
m0. to m0. 17 17
m1. to m2. 16 16
m3. to m3. 14 14
m4. to m5. 13 13
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m8. 17 17
m9. to m10. 16 16
m11. to m11. 14 14
m12. to m13. 13 13
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10
6 to 6 by 1 1.0 to 11.0 20 20 -1 2 5 8 11 14 17 20
6.0 to 9.0 17 17
12.0 to 18.0 16 16
24.0 to 24.0 14 14
36.0 to 48.0 13 13
54.0 to 54.0 11 11
6.0-bf to 9.0-bf 17 17
12.0-b to 18.0-b 16 16
24.0-b to 24.0-b 14 14
36.0-b to 48.0-b 13 13
54.0-b to 54.0-b 11 11
m0. to m0. 17 17
m1. to m2. 16 16
m3. to m3. 14 14
m4. to m5. 13 13
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m8. 17 17
m9. to m10. 16 16
m11. to m11. 14 14
m12. to m13. 13 13
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m5.-4 13 13
m6.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m13.-4 13 13
m14.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10
7 to 7 by 1 1.0 to 11.0 20 20 -1 2 5 8 11 14 17 20
6.0 to 9.0 17 17
12.0 to 18.0 16 16
24.0 to 24.0 14 14

```

```

36.0 to 48.0 13 13
54.0 to 54.0 11 11
6.0-bf to 9.0-bf 17 17
12.0-b to 18.0-b 16 16
24.0-b to 24.0-b 14 14
36.0-b to 48.0-b 13 13
54.0-b to 54.0-b 11 11
m0. to m0. 17 17
m1. to m2. 16 16
m3. to m3. 14 14
m4. to m5. 13 13
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m8. 17 17
m9. to m10. 16 16
m11. to m11. 14 14
m12. to m13. 13 13
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10
8 to 8 by 1 1.0 to 11.0 20 20 -1 2 5 8 11 14 17 20
6.0 to 9.0 17 17
12.0 to 18.0 16 16
24.0 to 24.0 14 14
36.0 to 48.0 13 13
54.0 to 54.0 11 11
6.0-bf to 9.0-bf 17 17
12.0-b to 18.0-b 16 16
24.0-b to 24.0-b 14 14
36.0-b to 48.0-b 13 13
54.0-b to 54.0-b 11 11
m0. to m0. 17 17
m1. to m2. 16 16
m3. to m3. 14 14
m4. to m5. 13 13
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m8. 17 17
m9. to m10. 16 16
m11. to m11. 14 14
m12. to m13. 13 13
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m3.-4 14 14
m4.-4 to m5.-4 13 13
m6.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m11.-4 14 14
m12.-4 to m13.-4 13 13
m14.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10
9 to 9 by 1 1.0 to 11.0 20 20 -1 2 5 8 11 14 17 20
6.0 to 9.0 17 17
12.0 to 18.0 16 16
24.0 to 48.0 13 13
54.0 to 54.0 11 11
6.0-bf to 9.0-bf 17 17
12.0-b to 18.0-b 16 16
24.0-b to 48.0-b 13 13
54.0-b to 54.0-b 11 11
m0. to m2. 16 16
m3. to m3. 14 14
m4. to m5. 13 13
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m10. 16 16
m11. to m11. 14 14
m12. to m13. 13 13
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m3.-4 14 14
m4.-4 to m5.-4 13 13
m6.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m11.-4 14 14
m12.-4 to m13.-4 13 13
m14.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10
10 to 10 by 1 1.0 to 11.0 19 19 -1 2 5 8 11 14 17 20
6.0 to 18.0 16 16
24.0 to 24.0 14 14

```

```

36.0 to 48.0 13 13
54.0 to 54.0 11 11
6.0-bf to 18.0-b 16 16
24.0-b to 24.0-b 14 14
36.0-b to 48.0-b 13 13
54.0-b to 54.0-b 11 11
m0. to m3. 14 14
m4. to m5. 13 13
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m11. 14 14
m12. to m13. 13 13
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m5.-4 13 13
m6.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m13.-4 13 13
m14.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10
11 to 11 by 1 1.0 to 11.0 18 18 -1 2 5 8 11 14 17 20
6.0 to 24.0 14 14
36.0 to 48.0 13 13
54.0 to 54.0 11 11
6.0-bf to 24.0-b 14 14
36.0-b to 48.0-b 13 13
54.0-b to m6. 11 11
m7. to m7. 10 10
m8. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10

```

DOT11 Statistics (Cumulative Total/Last 5 Seconds):

RECEIVER		TRANSMITTER	
Host Rx K Bytes:	1310371 / 0	Host Tx K Bytes:	1246025 / 0
Unicasts Rx:	1514117 / 0	Unicasts Tx:	2643897 / 0
Unicasts to host:	1514117 / 0	Unicasts by host:	1092165 / 0
Broadcasts Rx:	48434831 / 0	Broadcasts Tx:	20400294 / 0
Beacons Rx:	47441558 / 0	Beacons Tx:	19975291 / 0
Broadcasts to host:	48434831 / 0	Broadcasts by host:	425003 / 0
Multicasts Rx:	0 / 0	Multicasts Tx:	576994 / 0
Multicasts to host:	0 / 0	Multicasts by host:	576994 / 0
Mgmt Packets Rx:	1028610 / 0	Mgmt Packets Tx:	1913016 / 0
RTS received:	1415436 / 0	RTS transmitted:	4074 / 0
Duplicate frames:	1 / 0	CTS not received:	1596 / 0
CRC errors:	16975724 / 0	Unicast Fragments Tx:	3645955 / 0
WEP errors:	539 / 0	Retries:	1190997 / 0
Buffer full:	0 / 0	Packets one retry:	114878 / 0
Host buffer full:	0 / 0	Packets > 1 retry:	228714 / 0
Header CRC errors:	0 / 0	Protocol defers:	0 / 0
Invalid header:	0 / 0	Energy detect defers:	0 / 0
Length invalid:	0 / 0	Jammer detected:	0 / 0
Incomplete fragments:	514 / 0	Packets aged:	0 / 0
Rx Concats:	0 / 0	Tx Concats:	0 / 0

RATE 11.0			
Rx Packets:	36465648 / 0	Tx Packets:	50023 / 0
Rx Bytes:	2347439777 / 0	Tx Bytes:	26655786 / 0
RTS Retries:	0 / 0	Data Retries:	21119 / 0

RATE 6.0			
Rx Packets:	92500 / 0	Tx Packets:	58540 / 0
Rx Bytes:	2802502 / 0	Tx Bytes:	45887535 / 0
RTS Retries:	0 / 0	Data Retries:	461291 / 0

RATE 9.0			
Rx Packets:	874 / 0	Tx Packets:	13551 / 0
Rx Bytes:	130342 / 0	Tx Bytes:	9676272 / 0
RTS Retries:	0 / 0	Data Retries:	8562 / 0

RATE 12.0			
Rx Packets:	36828 / 0	Tx Packets:	34640 / 0
Rx Bytes:	919830 / 0	Tx Bytes:	32205864 / 0
RTS Retries:	0 / 0	Data Retries:	96217 / 0

RATE 18.0			
Rx Packets:	28775 / 0	Tx Packets:	54653 / 0
Rx Bytes:	1838725 / 0	Tx Bytes:	64629131 / 0
RTS Retries:	0 / 0	Data Retries:	35094 / 0

RATE 24.0			
Rx Packets:	30812 / 0	Tx Packets:	36533 / 0



Rx Bytes:	1927784 / 0	Tx Bytes:	41732259 / 0
RTS Retries:	0 / 0	Data Retries:	21464 / 0
RATE 36.0			
Rx Packets:	34351 / 0	Tx Packets:	42294 / 0
Rx Bytes:	2874651 / 0	Tx Bytes:	51189515 / 0
RTS Retries:	0 / 0	Data Retries:	30346 / 0
RATE 48.0			
Rx Packets:	38930 / 0	Tx Packets:	38079 / 0
Rx Bytes:	3184485 / 0	Tx Bytes:	29067015 / 0
RTS Retries:	0 / 0	Data Retries:	6284 / 0
RATE 54.0			
Rx Packets:	261364 / 0	Tx Packets:	391773 / 0
Rx Bytes:	45299797 / 0	Tx Bytes:	403577260 / 0
RTS Retries:	0 / 0	Data Retries:	25152 / 0
RATE m0.			
Rx Packets:	219947 / 0	Tx Packets:	9748 / 0
Rx Bytes:	47099851 / 0	Tx Bytes:	8106659 / 0
RTS Retries:	0 / 0	Data Retries:	50683 / 0
RATE m1.			
Rx Packets:	73889 / 0	Tx Packets:	28623 / 0
Rx Bytes:	6058488 / 0	Tx Bytes:	24889838 / 0
RTS Retries:	0 / 0	Data Retries:	36852 / 0
RATE m2.			
Rx Packets:	75977 / 0	Tx Packets:	46674 / 0
Rx Bytes:	6199752 / 0	Tx Bytes:	45510996 / 0
RTS Retries:	0 / 0	Data Retries:	67247 / 0
RATE m3.			
Rx Packets:	66826 / 0	Tx Packets:	48998 / 0
Rx Bytes:	4929356 / 0	Tx Bytes:	47106321 / 0
RTS Retries:	0 / 0	Data Retries:	81714 / 0
RATE m4.			
Rx Packets:	73543 / 0	Tx Packets:	32751 / 0
Rx Bytes:	4975457 / 0	Tx Bytes:	41839306 / 0
RTS Retries:	0 / 0	Data Retries:	58298 / 0
RATE m5.			
Rx Packets:	36138 / 0	Tx Packets:	45496 / 0
Rx Bytes:	2366752 / 0	Tx Bytes:	60589890 / 0
RTS Retries:	0 / 0	Data Retries:	70285 / 0
RATE m6.			
Rx Packets:	28845 / 0	Tx Packets:	18633 / 0
Rx Bytes:	1874771 / 0	Tx Bytes:	18774132 / 0
RTS Retries:	0 / 0	Data Retries:	13756 / 0
RATE m7.			
Rx Packets:	79380 / 0	Tx Packets:	27475 / 0
Rx Bytes:	7137903 / 0	Tx Bytes:	18485281 / 0
RTS Retries:	0 / 0	Data Retries:	17140 / 0
RATE m8.			
Rx Packets:	15954 / 0	Tx Packets:	10818 / 0
Rx Bytes:	5725236 / 0	Tx Bytes:	6558224 / 0
RTS Retries:	0 / 0	Data Retries:	13587 / 0
RATE m9.			
Rx Packets:	17340 / 0	Tx Packets:	31502 / 0
Rx Bytes:	1695587 / 0	Tx Bytes:	23034041 / 0
RTS Retries:	0 / 0	Data Retries:	43583 / 0
RATE m10.			
Rx Packets:	20067 / 0	Tx Packets:	6111 / 0
Rx Bytes:	1442150 / 0	Tx Bytes:	4293983 / 0
RTS Retries:	0 / 0	Data Retries:	8841 / 0
RATE m11.			
Rx Packets:	23614 / 0	Tx Packets:	1494 / 0
Rx Bytes:	1529575 / 0	Tx Bytes:	704052 / 0
RTS Retries:	0 / 0	Data Retries:	1494 / 0
RATE m12.			
Rx Packets:	7560 / 0	Tx Packets:	2072 / 0
Rx Bytes:	638934 / 0	Tx Bytes:	1349849 / 0
RTS Retries:	0 / 0	Data Retries:	1097 / 0
RATE m13.			

```

Rx Packets:          4917 / 0      Tx Packets:          9112 / 0
Rx Bytes:           1084128 / 0    Tx Bytes:            5936311 / 0
RTS Retries:         0 / 0        Data Retries:        2139 / 0

RATE m14.
Rx Packets:          11162 / 0     Tx Packets:          20062 / 0
Rx Bytes:           2240899 / 0    Tx Bytes:            15095670 / 0
RTS Retries:         0 / 0        Data Retries:        5463 / 0

RATE m15.
Rx Packets:          30998 / 0     Tx Packets:          25880 / 0
Rx Bytes:           5806870 / 0    Tx Bytes:            21694824 / 0
RTS Retries:         0 / 0        Data Retries:        13289 / 0

```

```

Last radio reset code: 06
Radio resets - total:5 retries:0 failed:0
Code/Count: 06/00005
Log Buffer:

```

```

!
interface Dot11Radio1
Radio AIR-AP1140A, Base Address 2893.fe60.b650, BBlock version 0.00, Software version 2.10.21
Serial number: FOC14132AVP
Number of supported simultaneous BSSID on Dot11Radio1: 16
Carrier Set: Americas (OFDM) (US) (-A)
Uniform Spreading Required: Yes
Configured Frequency: 5240 MHz Channel 48
Allowed Frequencies: 5180(36) 5200(40) 5220(44) 5240(48) *5260(52) *5280(56) *5300(60) *5320(64) *5500(100) *5520(104) *
* = May only be selected by Dynamic Frequency Selection (DFS)
Listen Frequencies: 5180(36) 5200(40) 5220(44) 5240(48) 5260(52) 5280(56) 5300(60) 5320(64) 5500(100) 5520(104) 5540(108)

DFS Blocked Frequencies: none
Beacon Flags: 0, Interface Flags 20105, Interface Events 81A0
; Beacons are enabled; Probes are enabled
Configured Power: 11 dBm
Active power levels by rate
  6.0 to m6.      , 11 dBm
  m7. to m7.     , 10 dBm, changed due to regulatory maximum
  m8. to m14.    , 11 dBm
  m15. to m15.   , 10 dBm, changed due to regulatory maximum
  m0.-4 to m6.-4 , 11 dBm
  m7.-4 to m7.-4 , 10 dBm, changed due to regulatory maximum
  m8.-4 to m14.-4, 11 dBm
  m15.-4 to m15.-4, 10 dBm, changed due to regulatory maximum
OffChnl Power: 14, Rate 6.0
Allowed Power Levels: -1 2 5 8 11 14
Allowed Client Power Levels: 2 5 8 11 14
Receive Antennas : right-a left-b middle-c
Transmit Antennas : right-a left-b, ofdm single
Antenna: internal, Gain: Allowed 6, Reported 0, Configured 0, In Use 6
Active Rates: basic-12.0 18.0 basic-24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11. m12. m13. m14
Current Rates: basic-12.0 18.0 basic-24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11. m12. m13. m1
Allowed Rates: 6.0 9.0 12.0 18.0 24.0 36.0 48.0 54.0
All Rates: 6.0 9.0 12.0 18.0 24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11. m12. m13. m14. m15.
Default Rates: basic-6.0 9.0 basic-12.0 18.0 basic-24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11
Best Range Rates: basic-6.0 9.0 12.0 18.0 24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11. m12. m1
Best Throughput Rates: basic-6.0 basic-9.0 basic-12.0 basic-18.0 basic-24.0 basic-36.0 basic-48.0 basic-54.0 m0. m1. m2
Current Voice Rates: basic-6.0 basic-12.0 basic-24.0 [disabled until voice packet-discard enabled]
Default Voice Rates: basic-6.0 basic-12.0 basic-24.0
Managment Rates: basic-12.0
Multicast Rates: basic-12.0 basic-24.0
Data Rate Sensitivity (rate, SNR dB, Contention dBm)
( 6.0, 15, -89) ( 9.0, 16, -88) (12.0, 18, -88) (18.0, 19, -86)
(24.0, 20, -85) (36.0, 24, -81) (48.0, 27, -78) (54.0, 31, -77)
Legacy Beamforming: Configured No, Active No
TX A-MPDU Priority: 0x01
HT protection: HT mixed mode, non-HT neighbor present.
Neighbors with non-HT members:
 9c4e.20f4.2e10 9c4e.20f4.2e15 9c4e.20f4.2c50 9c4e.20f4.2c55 9c4e.2085.e475 9c4e.2085.e470 2893.fe67.3a30 2893.fe67.3a35
Number of MFP Indices: 10
RFID Tag Detection: Disabled
Multicast Address filtered:
Packet type filtered:
00 0C rm_scn
Probe limit: active off, filter on, count 0, time 0
Assoc limit: active off, count 0, time 0
Radio Management (RM) Configuration: Regular AP, Mode 1, Disabled

MCST RSCs: [0]0x0 [1]0x0 [2]0x0 [3]0x0 [4]0x0
TKIP Cum Stats: STA MIC-L-Errs MIC-R-Errs Replay C-Measure
0000.0000.0000 00000000 00000000 00000000 00000000
AES-CCMP Cum Stats: 00000000 replays discarded
QBSS Load: 0x9, Policing Stats: Rx downgrades 0, Tx downgrades 0

```

```

Classifier Stats tx_on_up6 0, tx_on_up4 0
Configured Local Access Class Parameters
  Back      : cw-min 4 cw-max 10 fixed-slot 7 admission-control Off txop 0
  Best      : cw-min 4 cw-max 6 fixed-slot 3 admission-control Off txop 0
  Video     : cw-min 3 cw-max 4 fixed-slot 1 admission-control Off txop 3008
  Voice     : cw-min 2 cw-max 3 fixed-slot 1 admission-control Off txop 0
Configured Cell Access Class Parameters
  Back      : cw-min 4 cw-max 10 fixed-slot 7 admission-control Off txop 0
  Best      : cw-min 4 cw-max 10 fixed-slot 3 admission-control Off txop 0
  Video     : cw-min 3 cw-max 4 fixed-slot 2 admission-control Off txop 3008
  Voice     : cw-min 2 cw-max 3 fixed-slot 2 admission-control Off txop 0
SIP stats sip_udp_rx_pkt 0, sip_tcp_rx_pkt 0,
          downlink_classified_pkt 0,
          uplink_classified_pkt 0,
          num_processed_SIP_Calls 0

```

```

Transmit queues: In Progress 0
---- Active --- In-Progress ----- Counts -----
  Cnt Quo Bas Max Cnt Quo Bas      Sent Discard Fail  Retry Multi
Uplink   0 0 0 0 0 0 0 0 0 0 0 0 0
Voice    0 9 424 9 0 9 97 14399 200938 1560 655 353
Video    0 0 0 0 0 0 0 0 0 0 0 0 0
Best     30 111 212 111 0 111 48 8385605 2083439 254 1094447 431781
Mcast    0 0 0 0 0 0 0 0 0 0 0 0 0
Mcast    0 0 0 0 0 0 0 32472 37 0 0 0 0
Mcast    20 29 5 29 0 17 2 728184 6024 0 0 0 0
Mcast    0 0 0 0 0 0 0 1587 1 0 0 0 0
Mcast    20 20 5 20 0 13 2 388 29 0 0 0 0
Mcast    0 0 0 0 0 0 0 0 0 0 0 0 0
Back     0 0 0 0 0 0 0 0 0 0 0 0 0

```

```

BSSIDS Index Flags State Next Held Defer NonDefer Clients Tsf Dtim Txq
B650 0 20 0 0 0 0 0 0 0 0 2 0
B651 1 20 0 0 0 0 0 0 0 148 2 1
B652 2 10 1 2 20 0 0 1 24 2 2
B653 3 20 0 0 0 0 0 0 0 172 2 3
B654 4 10 4 1 20 0 0 0 12 2 4
B655 5 20 0 0 0 0 0 0 160 2 5

```

```

Driver TX blocks: in use 0, high 0, at reset 0, fail 1 drop 1
---Clients AID VLAN Status Age Tx Mode Enc Key Rate
0023.1253.6cb3 2 1231 108 900 000 0FE 60 0-0 3380 200 0-10 00FCFFFF 20F 10F
001f.5bc1.ab55 5 1231 108 900 000 0FE 60 0-0 3180 200 0-10 00FCFFFF 10F 10F
0016.ce81.a2ac 7 1234 108 940 000 0FF 180 0-0 0000 000 0-0 00FC0000 018 018
d8a2.5e91.c115 6 1231 108 900 000 0FE 60 0-0 3380 200 0-10 00FCFFFF 10F 10E
001f.5bbb.f9d0 4 1231 108 940 000 0FE 60 0-0 3180 200 0-10 00FCFFFF 10F 10F
78ca.39b5.d06c 1 1231 108 940 000 0FE 60 0-0 3380 200 0-10 00FCFFFF 10F 10E
041e.64f4.35f3 3 1231 00 160 000 0FE 60 30-0 3380 200 0-10 00FCFFFF 20F 10F
RxPkts KBytes Dup Dec Mic TxPkts KBytes Retry RSSI SNR
0023.1253.6cb3 7503 1258 0 0 0 5787 4993 4954 56 45
001f.5bc1.ab55 13827 2741 0 0 0 17703 17711 5606 56 45
0016.ce81.a2ac 1832 64 5 0 0 50 8 322 80 21
d8a2.5e91.c115 94707 8820 0 0 0 168818 233710 39475 83 19
001f.5bbb.f9d0 99893 13968 0 0 0 162901 197185 182388 69 33
78ca.39b5.d06c 9716 1639 0 0 0 9296 8561 1302 51 50
041e.64f4.35f3 21977 5137 0 0 0 20524 14768 10352 59 42

```

```

IP Address RSC
0023.1253.6cb3 172.26.53.73 [1]0x16CC
001f.5bc1.ab55 172.26.55.242 [1]0x3304
0016.ce81.a2ac 172.29.205.17
d8a2.5e91.c115 172.26.53.229 [1]0x16B1E
001f.5bbb.f9d0 172.26.52.236 [1]0x16E1B
78ca.39b5.d06c 172.26.53.191 [1]0x2173
041e.64f4.35f3 172.26.52.227 [1]0x4E88
Block Ack Pri, Rev Wind Timeout SeqNum Held, Xmt Wind Timeout
041e.64f4.35f3 0 64 0 E940 0 64 0 0, 0 0 0

```

```

8021x auth in prog -91 allowed 0
Vlan BSSID Clients PSP Pri HT Encr Key0 Key1 Key2 Key3 SSIDs MFP
On B650 0 0 0 0 0 0
1 B650 0 0 0 0 0 0
1231 B652 2 6 1 0 2 234 x128 nyu 0
1232 B653 3 0 0 0 4 0 nyuguest 0
1233 B651 1 0 0 0 4 0 NYU-ROAM3 0
1234 B654 4 1 0 0 4 0 nyupda 0
1235 B650 0 0 0 0 4 NYU-ROAM2 0
1236 B655 5 0 0 0 0 7 survey1 0

```

```

0 0 flags 3 match 7
1 1 flags 3 match 3
2 2 flags 3 match 3
3 3 flags 3 match 3
4 4 flags 3 match 3
5 5 flags 3 match 1
Protocol 2B2
Data Offsets: 118 72, 0 - 46085, 4 - 37274, 8 - 47848, 12 - 36855, 16 - 46544, 20 - 36396, 24 - 48399, 28 - 37027, 32 -
27001330 00000005 0000004C 00000000
00000000 00000000 00070000 00000000 FFFFFFFF
00000000 001E0000 00000000 FFFFFFFF 151958223 0

```

Tx rdy 70017DC (70016E4 - 7001A04)
16E4: 26003FB8 26006A60 26001168 260050C8 26002B00 26001780 26001030 260067F0
1704: 26004708 26003868 260039A0 260093D0 26009028 26002758 260024E8 260098B0
1724: 26005F68 26003C10 26007B70 26008C80 26002FE0 26002890 26001510 26006F40
1744: 260056E0 26006E08 26002278 260087A0 26001648 26001C60 26000190 26009B20
1764: 26009640 26003D48 26004F90 26000058 26008DB8 260099E8 26009160 26008188
1784: 260002C8 26000400 260035F8 260055A8 26000C88 26006580 26008530 26000538
17A4: 260034C0 260082C0 26009778 26005818 26005338 26000EF8 26007078 260060A0
17C4: 26007A38 26002620 26000670 26006A60 26001168 260050C8 0 260087A0
17E4: 26001648 26001C60 26000190 26009B20 26009640 26003D48 26004F90 26000058
1804: 260099E8 26009160 26008188 260002C8 26000400 260035F8 260055A8 26000C88
1824: 26006580 26008530 26000538 260034C0 260082C0 26009778 26005818 26005338
1844: 26000EF8 26007078 260060A0 26007A38 26002620 26000670 26001ED0 26000A18
1864: 26001D98 26007F18 26006CD0 26007900 26007CA8 26004228 26007420 260013D8
1884: 26004360 26008668 26005A88 26004840 26003730 26002EA8 26004BE8 26003E80
18A4: 26002D70 26004498 26004E58 26004D20 26007558 26002140 260083F8 26003FB8
18C4: 26006A60 26001168 260050C8 26002B00 26001780 26001030 260067F0 26004708
18E4: 26003868 260039A0 26002890 26001510 26006F40 260056E0 26007DE0 26003AD8
1904: 260007A8 26000DC0 26006E08 26002278 260087A0 26001648 26001C60 26000190
1924: 26009B20 26009640 26003D48 26004F90 26000058 26008DB8 260099E8 26009160
1944: 26008188 260002C8 26000400 260035F8 260055A8 26000C88 26004840 26006448
1964: 26008050 26003250 26002008 260008E0 26008B48 26007690 26006928 260072E8
1984: 26006B98 260040F0 26005CF8 26006310 260018B8 26002C38 260088D8 260023B0
19A4: 260012A0 260019F0 26005BC0 26003118 260066B8 26005E30 26005470 260077C8
19C4: 26009298 260061D8 26004978 26005200 26005950 26003388 26002EA8 26004BE8
19E4: 26003E80 26002D70 26004498 26004E58 26004D20 26007558 26002140 260083F8

Tx done 7001A04, current 7001AFC

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
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
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
0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0
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0 0 0 0 0 0 0 0
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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
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
0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0

Rcv rdy 7001D24, current 7001DC8

263FA684 262784E4 2637A25C 263CF6F0 2657DD4C 263BD954 2641D728 26265220
26442788 262A3478 262382D0 2641ACD8 2622C468 26460E20 26487E3C 264E1CDC
264B3864 26338B20 26538698 26333680 2645849C 265CBD84 262D97E0 2626D110
2648FD2C 2624FFA0 264F79F0 262E7604 263184CC 262CAF28 26575E5C 264CEA18
264C6B28 26436920 265042EC 263EBDCC 26504D80 2643F2A4 263A475C 265268FC
2647F4B8 0 26367A2C 264873A8 262E5648 2644FB18 26388B14 2644E5F0
2648299C 2656BFB0 263375F8 26414310 262DB79C 263EF2B0 2639F2BC 26502DC4
26464D98 2629AAF4 264D7E30 2635F0A8 26454FB8 262225BC 26445C6C 264B233C
26514B60 2637D740 2648B320 2625A8E0 26468D10 26527E24 262FBDFF0 264064EC
2620F2F8 26503858 264BF6CC 263DF64 2627EEAC 263895A8 2620B380 26236DA8
262CCEE4 26412354 2645A458 2633C004 263A51F0 264760A0 2628D764 2621BBF4
262B86F8 265CE7D4 26473650 262FA8C8 2645D93C 26226534 26273AD8 262803D4
265CFCFC 2640AEF8 2640104C 263FDB68 263ED2F4 2658B0DC 262E01A8 265964B0
265B9FE8 264CFE40 26579DD4 264599C4 2621FB6C 2658F054 263F86C8 264B0E14
264D6908 265C1444 263DB558 265577C4 263D2140 263199F4 263C6D6C 263E29B4
26481474 26214798 2624761C 26373894 264D5E74 26484958 2647EA24 2645F8F8

Rcv done 7001F24, current 7001FCC

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
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
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
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
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
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  
 0 0 0 0 0 0 0 0

TXSM Jammer information:

State: 0  
 Beacons seen: 0  
 Time since: 0  
 Jammer Radio resets: 0

TXSM Beacon information:

Monitoring State: 1  
 Flags: 00000000  
 Beacons seen: 20655103  
 Time since: 1488976715  
 Max Time w/o beacons: 1066272  
 Beacon stuck count: 0  
 No MBSSID: 0  
 No SSIDs: 0  
 No beacon IEs: 0  
 No beacons in use: 0  
 CAPWAP state down: 0  
 Counts > 120 0  
 Counts > 90 0  
 Counts > 60 0  
 Counts > 30 0  
 Counts > 15 0  
 Counts > 10 0  
 Counts > 5 0

Radio PCI resets:0

Radio commands - total:1369761 delayed:0 timeouts:0 time high 00000000 low 00000000 usecs 00000000  
 Log buf magic 0(FAlA1AFA) 1(00000000) Active(0) 07002158 Last(1) 070023C4

Last host cmd 16 fw cmd 16 TS DFA436D2 MAGIC FAlA1AFA

- CMD(04) - TS HOST 00000000 FW 06C2E7D4 seq 0
- CMD(06) - TS HOST 00000000 FW 000523A0 seq 0
- CMD(07) - TS HOST 00000000 FW 06C2E7F6 seq 0
- CMD(08) - TS HOST 00000000 FW BFA43720 seq 0
- CMD(09) - TS HOST 00000000 FW BFA434F7 seq 0
- CMD(0A) - TS HOST 00000000 FW 06FA47CC seq 0
- CMD(0B) - TS HOST 00000000 FW 06FAEC76 seq 0
- CMD(0C) - TS HOST 00000000 FW 06C2FAC4 seq 0
- CMD(0D) - TS HOST 00000000 FW BEF924B9 seq 0
- CMD(0F) - TS HOST 00000000 FW BFA77523 seq 0
- CMD(12) - TS HOST 00000000 FW 06C2DD8D seq 0
- CMD(14) - TS HOST 00000000 FW 000524BC seq 0
- CMD(15) - TS HOST 00000000 FW 06FA5EC3 seq 0
- CMD(16) - TS HOST DFA436D0 FW BFC2B6B7 seq 0
- CMD(17) - TS HOST 00000000 FW BF85AE02 seq 0
- CMD(1E) - TS HOST 00000000 FW 0005261D seq 0
- CMD(20) - TS HOST 00000000 FW BA47928A seq 0
- CMD(21) - TS HOST 00000000 FW BA478F25 seq 0
- CMD(27) - TS HOST 00000000 FW 06FA7563 seq 0

-Channel	Range-	-----Rates-----	Max Power	Allowed
36 to 48	by 4	6.0 to 18.0	14 14	-1 2 5 8 11 14
		24.0 to 36.0	13 13	
		48.0 to 48.0	12 12	
		54.0 to 54.0	11 11	
		6.0-bf to 18.0-b	14 14	
		24.0-b to 36.0-b	13 13	
		48.0-b to 48.0-b	12 12	
		54.0-b to m6.	11 11	
		m7. to m7.	10 10	
		m8. to m14.	11 11	
		m15. to m15.	10 10	
		m0.-4 to m3.-4	14 14	
		m4.-4 to m4.-4	13 13	
		m5.-4 to m5.-4	12 12	
		m6.-4 to m6.-4	11 11	
		m7.-4 to m7.-4	10 10	
		m8.-4 to m11.-4	14 14	
		m12.-4 to m12.-4	13 13	
		m13.-4 to m13.-4	12 12	
		m14.-4 to m14.-4	11 11	
		m15.-4 to m15.-4	10 10	
52 to 56	by 4	6.0 to 9.0	17 17	-1 2 5 8 11 14 17
		12.0 to 18.0	16 16	
		24.0 to 24.0	14 14	
		36.0 to 36.0	13 13	
		48.0 to 48.0	12 12	
		54.0 to 54.0	11 11	
		6.0-bf to 9.0-bf	17 17	
		12.0-b to 18.0-b	16 16	
		24.0-b to 24.0-b	14 14	
		36.0-b to 36.0-b	13 13	
		48.0-b to 48.0-b	12 12	

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54.0-b to 54.0-b 11 11
m0. to m0. 17 17
m1. to m2. 16 16
m3. to m3. 14 14
m4. to m4. 13 13
m5. to m5. 12 12
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m8. 17 17
m9. to m10. 16 16
m11. to m11. 14 14
m12. to m12. 13 13
m13. to m13. 12 12
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m0.-4 17 17
m1.-4 to m2.-4 16 16
m3.-4 to m3.-4 14 14
m4.-4 to m4.-4 13 13
m5.-4 to m5.-4 12 12
m6.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m8.-4 17 17
m9.-4 to m10.-4 16 16
m11.-4 to m11.-4 14 14
m12.-4 to m12.-4 13 13
m13.-4 to m13.-4 12 12
m14.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10
60 to 60 by 4 6.0 to 9.0 17 17 -1 2 5 8 11 14 17
12.0 to 18.0 16 16
24.0 to 24.0 14 14
36.0 to 36.0 13 13
48.0 to 48.0 12 12
54.0 to 54.0 11 11
6.0-bf to 9.0-bf 17 17
12.0-b to 18.0-b 16 16
24.0-b to 24.0-b 14 14
36.0-b to 36.0-b 13 13
48.0-b to 48.0-b 12 12
54.0-b to 54.0-b 11 11
m0. to m0. 17 17
m1. to m2. 16 16
m3. to m3. 14 14
m4. to m4. 13 13
m5. to m5. 12 12
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m8. 17 17
m9. to m10. 16 16
m11. to m11. 14 14
m12. to m12. 13 13
m13. to m13. 12 12
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m3.-4 14 14
m4.-4 to m4.-4 13 13
m5.-4 to m5.-4 12 12
m6.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m11.-4 14 14
m12.-4 to m12.-4 13 13
m13.-4 to m13.-4 12 12
m14.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10
64 to 64 by 4 6.0 to 9.0 17 17 -1 2 5 8 11 14 17
12.0 to 18.0 16 16
24.0 to 24.0 14 14
36.0 to 36.0 13 13
48.0 to 48.0 12 12
54.0 to 54.0 11 11
6.0-bf to 9.0-bf 17 17
12.0-b to 18.0-b 16 16
24.0-b to 24.0-b 14 14
36.0-b to 36.0-b 13 13
48.0-b to 48.0-b 12 12
54.0-b to 54.0-b 11 11
m0. to m2. 16 16
m3. to m3. 14 14
m4. to m4. 13 13
m5. to m5. 12 12
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m10. 16 16

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m11. to m11. 14 14
m12. to m12. 13 13
m13. to m13. 12 12
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m3.-4 14 14
m4.-4 to m4.-4 13 13
m5.-4 to m5.-4 12 12
m6.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m12.-4 14 14
m13.-4 to m13.-4 12 12
m14.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10
100 to 104 by 4 6.0 to 9.0 17 17 -1 2 5 8 11 14 17
12.0 to 18.0 16 16
24.0 to 24.0 14 14
36.0 to 36.0 13 13
48.0 to 48.0 12 12
54.0 to 54.0 11 11
6.0-bf to 9.0-bf 17 17
12.0-b to 18.0-b 16 16
24.0-b to 24.0-b 14 14
36.0-b to 36.0-b 13 13
48.0-b to 48.0-b 12 12
54.0-b to 54.0-b 11 11
m0. to m0. 17 17
m1. to m2. 16 16
m3. to m3. 14 14
m4. to m4. 13 13
m5. to m5. 12 12
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m8. 17 17
m9. to m10. 16 16
m11. to m11. 14 14
m12. to m12. 13 13
m13. to m13. 12 12
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m3.-4 14 14
m4.-4 to m4.-4 13 13
m5.-4 to m5.-4 12 12
m6.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m11.-4 14 14
m12.-4 to m12.-4 13 13
m13.-4 to m13.-4 12 12
m14.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10
108 to 116 by 4 6.0 to 9.0 17 17 -1 2 5 8 11 14 17
12.0 to 18.0 16 16
24.0 to 24.0 14 14
36.0 to 36.0 13 13
48.0 to 48.0 12 12
54.0 to 54.0 11 11
6.0-bf to 9.0-bf 17 17
12.0-b to 18.0-b 16 16
24.0-b to 24.0-b 14 14
36.0-b to 36.0-b 13 13
48.0-b to 48.0-b 12 12
54.0-b to 54.0-b 11 11
m0. to m0. 17 17
m1. to m2. 16 16
m3. to m3. 14 14
m4. to m4. 13 13
m5. to m5. 12 12
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m8. 17 17
m9. to m10. 16 16
m11. to m11. 14 14
m12. to m12. 13 13
m13. to m13. 12 12
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m0.-4 17 17
m1.-4 to m2.-4 16 16
m3.-4 to m3.-4 14 14
m4.-4 to m4.-4 13 13
m5.-4 to m5.-4 12 12
m6.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m8.-4 17 17

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m9.-4 to m10.-4 16 16
m11.-4 to m11.-4 14 14
m12.-4 to m12.-4 13 13
m13.-4 to m13.-4 12 12
m14.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10
132 to 140 by 4 6.0 to 9.0 17 17 -1 2 5 8 11 14 17
12.0 to 18.0 16 16
24.0 to 24.0 14 14
36.0 to 36.0 13 13
48.0 to 48.0 12 12
54.0 to 54.0 11 11
6.0-bf to 9.0-bf 17 17
12.0-b to 18.0-b 16 16
24.0-b to 24.0-b 14 14
36.0-b to 36.0-b 13 13
48.0-b to 48.0-b 12 12
54.0-b to 54.0-b 11 11
m0. to m0. 17 17
m1. to m2. 16 16
m3. to m3. 14 14
m4. to m4. 13 13
m5. to m5. 12 12
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m8. 17 17
m9. to m10. 16 16
m11. to m11. 14 14
m12. to m12. 13 13
m13. to m13. 12 12
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m0.-4 17 17
m1.-4 to m2.-4 16 16
m3.-4 to m3.-4 14 14
m4.-4 to m4.-4 13 13
m5.-4 to m5.-4 12 12
m6.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m8.-4 17 17
m9.-4 to m10.-4 16 16
m11.-4 to m11.-4 14 14
m12.-4 to m12.-4 13 13
m13.-4 to m13.-4 12 12
m14.-4 to m14.-4 11 11
m15.-4 to m15.-4 10 10
149 to 165 by 4 6.0 to 9.0 17 17 -1 2 5 8 11 14 17
12.0 to 18.0 16 16
24.0 to 24.0 14 14
36.0 to 36.0 13 13
48.0 to 48.0 12 12
54.0 to 54.0 11 11
6.0-bf to 9.0-bf 17 17
12.0-b to 18.0-b 16 16
24.0-b to 24.0-b 14 14
36.0-b to 36.0-b 13 13
48.0-b to 48.0-b 12 12
54.0-b to 54.0-b 11 11
m0. to m0. 17 17
m1. to m2. 16 16
m3. to m3. 14 14
m4. to m4. 13 13
m5. to m5. 12 12
m6. to m6. 11 11
m7. to m7. 10 10
m8. to m8. 17 17
m9. to m10. 16 16
m11. to m11. 14 14
m12. to m12. 13 13
m13. to m13. 12 12
m14. to m14. 11 11
m15. to m15. 10 10
m0.-4 to m0.-4 17 17
m1.-4 to m2.-4 16 16
m3.-4 to m3.-4 14 14
m4.-4 to m4.-4 13 13
m5.-4 to m5.-4 12 12
m6.-4 to m6.-4 11 11
m7.-4 to m7.-4 10 10
m8.-4 to m8.-4 17 17
m9.-4 to m10.-4 16 16
m11.-4 to m11.-4 14 14
m12.-4 to m12.-4 13 13
m13.-4 to m13.-4 12 12

```



m14.-4 to m14.-4 11 11  
 m15.-4 to m15.-4 10 10

## DOT11 Statistics (Cumulative Total/Last 5 Seconds):

RECEIVER		TRANSMITTER	
Host Rx K Bytes:	4161755 / 27812	Host Tx K Bytes:	2578348 / 3498
Unicasts Rx:	5540830 / 58	Unicasts Tx:	8535105 / 24
Unicasts to host:	5540830 / 58	Unicasts by host:	8122599 / 24
Broadcasts Rx:	45020968 / 559	Broadcasts Tx:	21068326 / 364
Beacons Rx:	44950355 / 559	Beacons Tx:	20655103 / 287
Broadcasts to host:	45020968 / 559	Broadcasts by host:	413223 / 77
Multicasts Rx:	0 / 0	Multicasts Tx:	449871 / 49
Multicasts to host:	0 / 0	Multicasts by host:	449871 / 49
Mgmt Packets Rx:	103749 / 0	Mgmt Packets Tx:	128233 / 0
RTS received:	0 / 0	RTS transmitted:	3973 / 0
Duplicate frames:	0 / 0	CTS not received:	717 / 0
CRC errors:	1202567 / 46	Unicast Fragments Tx:	9398202 / 148
WEP errors:	181 / 0	Retries:	1956400 / 0
Buffer full:	433 / 0	Packets one retry:	642963 / 0
Host buffer full:	0 / 0	Packets > 1 retry:	379132 / 0
Header CRC errors:	0 / 0	Protocol defers:	0 / 0
Invalid header:	0 / 0	Energy detect defers:	0 / 0
Length invalid:	0 / 0	Jammer detected:	0 / 0
Incomplete fragments:	0 / 0	Packets aged:	0 / 0
Rx Concats:	0 / 0	Tx Concats:	0 / 0

RATE 12.0			
Rx Packets:	44984823 / 563	Tx Packets:	30813 / 0
Rx Bytes:	3062822831 / 93048	Tx Bytes:	22853434 / 0
RTS Retries:	0 / 0	Data Retries:	98062 / 0

RATE 18.0			
Rx Packets:	10682 / 5	Tx Packets:	17020 / 0
Rx Bytes:	932896 / 440	Tx Bytes:	18162567 / 0
RTS Retries:	0 / 0	Data Retries:	3456 / 0

RATE 24.0			
Rx Packets:	7003 / 3	Tx Packets:	12752 / 0
Rx Bytes:	334116 / 321	Tx Bytes:	17043070 / 0
RTS Retries:	0 / 0	Data Retries:	2564 / 0

RATE 36.0			
Rx Packets:	7836 / 0	Tx Packets:	2310 / 0
Rx Bytes:	1458039 / 0	Tx Bytes:	2245576 / 0
RTS Retries:	0 / 0	Data Retries:	2566 / 0

RATE 48.0			
Rx Packets:	57538 / 0	Tx Packets:	4645 / 0
Rx Bytes:	16991905 / 0	Tx Bytes:	4205707 / 0
RTS Retries:	0 / 0	Data Retries:	605 / 0

RATE 54.0			
Rx Packets:	2004632 / 0	Tx Packets:	11833 / 0
Rx Bytes:	762202435 / 0	Tx Bytes:	8955380 / 0
RTS Retries:	0 / 0	Data Retries:	704 / 0

RATE m0.			
Rx Packets:	33190 / 0	Tx Packets:	5338 / 0
Rx Bytes:	6734033 / 0	Tx Bytes:	4945548 / 0
RTS Retries:	0 / 0	Data Retries:	36346 / 0

RATE m1.			
Rx Packets:	22733 / 0	Tx Packets:	16675 / 0
Rx Bytes:	4244220 / 0	Tx Bytes:	17608341 / 0
RTS Retries:	0 / 0	Data Retries:	10301 / 0

RATE m2.			
Rx Packets:	49361 / 0	Tx Packets:	54720 / 0
Rx Bytes:	5786746 / 0	Tx Bytes:	65104205 / 0
RTS Retries:	0 / 0	Data Retries:	29176 / 0

RATE m3.			
Rx Packets:	36382 / 0	Tx Packets:	72716 / 0
Rx Bytes:	3248150 / 0	Tx Bytes:	91491287 / 0
RTS Retries:	0 / 0	Data Retries:	55890 / 0

RATE m4.			
Rx Packets:	135549 / 0	Tx Packets:	1108183 / 0
Rx Bytes:	10399611 / 0	Tx Bytes:	1516078482 / 0
RTS Retries:	0 / 0	Data Retries:	173609 / 0

RATE m5.			
Rx Packets:	130506 / 0	Tx Packets:	160331 / 0
Rx Bytes:	8492744 / 0	Tx Bytes:	205256041 / 0
RTS Retries:	0 / 0	Data Retries:	174381 / 0

RATE m6.			
Rx Packets:	125746 / 0	Tx Packets:	17799 / 0
Rx Bytes:	8178066 / 0	Tx Bytes:	17254596 / 0
RTS Retries:	0 / 0	Data Retries:	6438 / 0
RATE m7.			
Rx Packets:	514167 / 0	Tx Packets:	141605 / 0
Rx Bytes:	38248070 / 0	Tx Bytes:	157064292 / 0
RTS Retries:	0 / 0	Data Retries:	15970 / 0
RATE m8.			
Rx Packets:	5577 / 0	Tx Packets:	1465 / 0
Rx Bytes:	1024567 / 0	Tx Bytes:	1092047 / 0
RTS Retries:	0 / 0	Data Retries:	1582 / 0
RATE m9.			
Rx Packets:	13134 / 0	Tx Packets:	79746 / 0
Rx Bytes:	3055406 / 0	Tx Bytes:	109136622 / 0
RTS Retries:	0 / 0	Data Retries:	44306 / 0
RATE m10.			
Rx Packets:	9585 / 0	Tx Packets:	185888 / 0
Rx Bytes:	2060712 / 0	Tx Bytes:	257952821 / 0
RTS Retries:	0 / 0	Data Retries:	54972 / 0
RATE m11.			
Rx Packets:	5399 / 0	Tx Packets:	5025 / 0
Rx Bytes:	2287400 / 0	Tx Bytes:	4314076 / 0
RTS Retries:	0 / 0	Data Retries:	2417 / 0
RATE m12.			
Rx Packets:	22119 / 0	Tx Packets:	113321 / 0
Rx Bytes:	10422377 / 0	Tx Bytes:	126248231 / 0
RTS Retries:	0 / 0	Data Retries:	25172 / 0
RATE m13.			
Rx Packets:	133353 / 2	Tx Packets:	662804 / 1
Rx Bytes:	22641568 / 272	Tx Bytes:	815705648 / 102
RTS Retries:	0 / 0	Data Retries:	175752 / 0
RATE m14.			
Rx Packets:	401418 / 0	Tx Packets:	996900 / 0
Rx Bytes:	66141253 / 0	Tx Bytes:	1259554993 / 0
RTS Retries:	0 / 0	Data Retries:	215314 / 0
RATE m15.			
Rx Packets:	1746885 / 44	Tx Packets:	4419998 / 23
Rx Bytes:	224790035 / 8126	Tx Bytes:	974205208 / 3799
RTS Retries:	0 / 0	Data Retries:	826817 / 0

Radio resets - total:0 retries:0 failed:0  
Log Buffer:

PowerPC405ex Ethernet unit 0  
PHY Hardware is Broadcom BCM5481 rev. 2

Rx counts - good:19686714 errors:0 drops:0  
Tx statistics: txcount 1 txsize 128  
tx\_ra 0x07002B00 tx\_p 0x0132AAB8 tx\_tail 0x07002BF8 tail\_txp 0x0132AB34  
ISR counts - tot:0 rx:14607037 tx:6244743 err:132 phy:0  
Current station address 68ef.bdf3.faf8, default address 68ef.bdf3.faf8  
0 missed datagrams, 0 overruns  
0 transmitter underruns, 0 excessive collisions  
0 single collisions, 0 multiple collisions  
0 dma memory errors, 0 CRC errors

0 alignment errors, 0 runts, 0 giants

EMAC/MAL specific errors:

0 emac\_err\_isr, 132 mal\_err\_isr  
0 rx errors...  
0 mal\_rx\_serr, 132 mal\_rx\_de  
0 rx CRC (FCS) errors, 0 rx frame alignment  
0 rx overruns, 0 rx bad packets (aborted)  
0 rx runts, 0 rx too short, 0 rx too long  
0 tx errors...  
0 mal\_tx\_serr, 0 mal\_tx\_de  
0 tx underruns, 0 tx CRC (FCS) errors  
0 tx lost carrier, 0 tx excessive deferrals  
0 tx excessive collisions, 0 late collisions  
0 tx multiple collisions, 0 single collisions  
0 output queue fail

## MAL register dump:

```

mal0_cfg      0x0026C086  0x180
mal0_esr      0x40100000  0x181
mal0_ier      0x000000F7  0x182
mal0_txcasr   0x80000000  0x184
mal0_txcarr   0x80000000  0x185
mal0_txeobisr 0x80000000  0x186
mal0_txdeir   0x00000000  0x187
mal0_rxcasr   0x80000000  0x190
mal0_rxcarr   0x80000000  0x191
mal0_rxeobisr 0x80000000  0x192
mal0_rxdeir   0x00000000  0x193
mal0_txctp0r  0x07002B00  0x1A0
mal0_rxctp0r  0x07002680  0x1C0
mal0_rcbs0    0x00000060  0x1E0

```

## EMAC register dump:

```

emac0_mr0     0x18000000  0x00
emac0_mr1     0xA1AD8018  0x04
emac0_tmr0    0x00000007  0x08
emac0_tmr1    0x88100000  0x0C
emac0_rmr     0x00B00007  0x10
emac0_isr     0x0C000002  0x14
emac0_iser    0x00000000  0x18
emac0_iahr    0x000068EF  0x1C
emac0_ialr    0xBDF3FAF8  0x20
emac0_ptr     0x0000FFFF  0x2C
emac0_lsah    0x0000CC08  0x50
emac0_lsal    0xE0091E9F  0x54
emac0_ipgvr   0x00000004  0x58
emac0_stacr   0x3800102A  0x5C
emac0_trtr    0x07000000  0x60
emac0_rwmr    0x2000C000  0x64
sdr0_emacrxst 0x08402001  0x4301
sdr0_emactxst 0x00404001  0x4302

```

## UIC register dump:

```

uic0_sr       0x88708400  0xC0
uic0_er       0x00000020  0xC2
uic0_msr      0x00000000  0xC6
uic1_sr       0x20213832  0xD0
uic1_er       0x00000000  0xD2
uic1_msr      0x00000000  0xD6
uic2_sr       0x09000000  0xE0
uic2_er       0x00000000  0xE2
uic2_msr      0x00000000  0xE6

```

## PHY register dump:

```

1140 796D 0143 BCA2 01E1 C9E1 006D 2001 46C9 0200 3800 0000 0000 0000 0000 3000
0000 0F00 0000 0000 0000 0000 0000 0000 71E7 871C 0000 FFFF 0E00 23EE 0000

```

## RX ring with 128 entries at 0x7002680, Buffer size 1540

```

Rxhead = 0x70029E8 (109), Rxp = 0x132AA50 (109)
00 pak=0x01159FE8 buf=0x06228FF6 status=9C00 pak_size=72
01 pak=0x0115CA18 buf=0x06230EF6 status=9C00 pak_size=137
02 pak=0x0125FE88 buf=0x0653D0F6 status=9C00 pak_size=157
03 pak=0x011BEA10 buf=0x06357CF6 status=9C00 pak_size=68
04 pak=0x0127AB70 buf=0x0658DB76 status=9C00 pak_size=68
05 pak=0x01210CE8 buf=0x0644F0F6 status=9C00 pak_size=64
06 pak=0x01251A04 buf=0x06512176 status=9C00 pak_size=68
07 pak=0x01278BCC buf=0x06587C76 status=9C00 pak_size=68
08 pak=0x01171490 buf=0x0626F176 status=9C00 pak_size=302
09 pak=0x0126AACC buf=0x0655D776 status=9C00 pak_size=322
10 pak=0x011AB4B0 buf=0x0631D9F6 status=9C00 pak_size=72
11 pak=0x011D88E8 buf=0x063A5CF6 status=9C00 pak_size=72
12 pak=0x01267994 buf=0x06554376 status=9C00 pak_size=72
13 pak=0x011C570C buf=0x0636C476 status=9C00 pak_size=137
14 pak=0x0117656C buf=0x0627E476 status=9C00 pak_size=157
15 pak=0x01173EC0 buf=0x06277076 status=9C00 pak_size=78
16 pak=0x0117CEE4 buf=0x062921F6 status=9C00 pak_size=70
17 pak=0x012032F0 buf=0x064260F6 status=9C00 pak_size=64
18 pak=0x01187EAC buf=0x062B32F6 status=9C00 pak_size=64
19 pak=0x01236D1C buf=0x064C16F6 status=9C00 pak_size=137
20 pak=0x011EA930 buf=0x063DC076 status=9C00 pak_size=157
21 pak=0x0120E63C buf=0x06447C76 status=9C00 pak_size=94
22 pak=0x011D3B90 buf=0x06397476 status=9C00 pak_size=86
23 pak=0x0117575C buf=0x0627BA76 status=9C00 pak_size=66
24 pak=0x011F081C buf=0x063EDDF6 status=9C00 pak_size=68
25 pak=0x011F35D0 buf=0x063F6776 status=9C00 pak_size=100
26 pak=0x0121D54C buf=0x06474BF6 status=9C00 pak_size=64
27 pak=0x0126DF88 buf=0x065675F6 status=9C00 pak_size=106
28 pak=0x01180AA8 buf=0x0629D5F6 status=9C00 pak_size=303
29 pak=0x0124A27C buf=0x064FB9F6 status=9C00 pak_size=323

```

```
30 pak=0x011FFE34 buf=0x0641C276 status=9C00 pak_size=122
31 pak=0x01178510 buf=0x062843F6 status=9C00 pak_size=68
32 pak=0x01154B88 buf=0x062191F6 status=9C00 pak_size=94
33 pak=0x012822F8 buf=0x065A4376 status=9C00 pak_size=265
34 pak=0x0117F20C buf=0x06298B76 status=9C00 pak_size=285
35 pak=0x011E514C buf=0x063CB7F6 status=9C00 pak_size=409
36 pak=0x0117EB04 buf=0x06297676 status=9C00 pak_size=68
37 pak=0x01271B4C buf=0x065729F6 status=9C00 pak_size=137
38 pak=0x0119B088 buf=0x062ECAF6 status=9C00 pak_size=157
39 pak=0x0128E454 buf=0x065C88F6 status=9C00 pak_size=64
40 pak=0x011EC1CC buf=0x063E0A76 status=9C00 pak_size=68
41 pak=0x01195FAC buf=0x062DD7F6 status=9C00 pak_size=72
42 pak=0x0125D458 buf=0x065351F6 status=9C00 pak_size=68
43 pak=0x01178F9C buf=0x06286376 status=9C00 pak_size=72
44 pak=0x011B1E28 buf=0x06331776 status=9C00 pak_size=267
45 pak=0x011D22F4 buf=0x06392A76 status=9C00 pak_size=287
46 pak=0x01174CD0 buf=0x06279A76 status=9C00 pak_size=64
47 pak=0x011ABBB8 buf=0x0631EEF6 status=9C00 pak_size=137
48 pak=0x0127A7EC buf=0x0658D0F6 status=9C00 pak_size=157
49 pak=0x0125F3FC buf=0x0653B176 status=9C00 pak_size=68
50 pak=0x01215DC4 buf=0x0645E476 status=9C00 pak_size=122
51 pak=0x012303A4 buf=0x064AD976 status=9C00 pak_size=78
52 pak=0x011E1204 buf=0x063BF976 status=9C00 pak_size=137
53 pak=0x0119195C buf=0x062D0476 status=9C00 pak_size=157
54 pak=0x0119C5A0 buf=0x062F0A76 status=9C00 pak_size=82
55 pak=0x011931F8 buf=0x062D4E76 status=9C00 pak_size=64
56 pak=0x012415DC buf=0x064E12F6 status=9C00 pak_size=594
57 pak=0x011A329C buf=0x06305276 status=9C00 pak_size=299
58 pak=0x012644D8 buf=0x0654A476 status=9C00 pak_size=145
59 pak=0x01158E54 buf=0x06225AF6 status=9C00 pak_size=319
60 pak=0x01277A38 buf=0x06584776 status=9C00 pak_size=94
61 pak=0x01253D2C buf=0x06518B76 status=9C00 pak_size=64
62 pak=0x0115C694 buf=0x06230476 status=9C00 pak_size=64
63 pak=0x011AF3F8 buf=0x06329876 status=9C00 pak_size=64
64 pak=0x0128FCF0 buf=0x065CD2F6 status=9C00 pak_size=64
65 pak=0x01252490 buf=0x06514176 status=9C00 pak_size=64
66 pak=0x011A40AC buf=0x06307CF6 status=9C00 pak_size=303
67 pak=0x012001B8 buf=0x0641CCF6 status=9C00 pak_size=323
68 pak=0x01283B94 buf=0x065A8D76 status=9C00 pak_size=100
69 pak=0x011CB5F8 buf=0x0637E276 status=9C00 pak_size=213
70 pak=0x0121CAC0 buf=0x06472C76 status=9C00 pak_size=68
71 pak=0x011C0D38 buf=0x0635E676 status=9C00 pak_size=303
72 pak=0x0124B794 buf=0x064FF976 status=9C00 pak_size=323
73 pak=0x01187420 buf=0x062B12F6 status=9C00 pak_size=68
74 pak=0x01229A2C buf=0x06499C76 status=9C00 pak_size=64
75 pak=0x0126101C buf=0x065405F6 status=9C00 pak_size=72
76 pak=0x011D8C6C buf=0x063A6776 status=9C00 pak_size=64
77 pak=0x011CE028 buf=0x06386176 status=9C00 pak_size=100
78 pak=0x011D5B34 buf=0x0639D376 status=9C00 pak_size=64
79 pak=0x011A248C buf=0x063027F6 status=9C00 pak_size=66
80 pak=0x01199EF4 buf=0x062E9676 status=9C00 pak_size=100
81 pak=0x01182DD0 buf=0x062A3F76 status=9C00 pak_size=302
82 pak=0x011ECFDC buf=0x063E34F6 status=9C00 pak_size=322
83 pak=0x011D96F8 buf=0x063A8776 status=9C00 pak_size=72
84 pak=0x011A7C70 buf=0x06313076 status=9C00 pak_size=64
85 pak=0x011C84C0 buf=0x06374E76 status=9C00 pak_size=72
86 pak=0x0120C314 buf=0x064412F6 status=9C00 pak_size=72
87 pak=0x0119D02C buf=0x062F2A76 status=9C00 pak_size=100
88 pak=0x0124FDE4 buf=0x0650CCF6 status=9C00 pak_size=64
89 pak=0x01162904 buf=0x06242C76 status=9C00 pak_size=64
90 pak=0x0116D1C4 buf=0x06262876 status=9C00 pak_size=64
91 pak=0x01207238 buf=0x06431F76 status=9C00 pak_size=216
92 pak=0x011B4858 buf=0x063395F6 status=9C00 pak_size=64
93 pak=0x01256054 buf=0x0651F4F6 status=9C00 pak_size=64
94 pak=0x011B1018 buf=0x0632ECF6 status=9C00 pak_size=64
95 pak=0x012710C0 buf=0x06570A76 status=9C00 pak_size=64
96 pak=0x0116684C buf=0x0624EAF6 status=9C00 pak_size=251
97 pak=0x0127B980 buf=0x065905F6 status=9C00 pak_size=64
98 pak=0x012540B0 buf=0x065195F6 status=9C00 pak_size=64
99 pak=0x011A86FC buf=0x06315076 status=9C00 pak_size=64
100 pak=0x0118385C buf=0x062A5F76 status=9C00 pak_size=64
101 pak=0x011F9840 buf=0x06408FF6 status=9C00 pak_size=64
102 pak=0x0116C3B4 buf=0x0625FDF6 status=9C00 pak_size=64
103 pak=0x012539A8 buf=0x065180F6 status=9C00 pak_size=64
104 pak=0x01259894 buf=0x06529E76 status=9C00 pak_size=64
105 pak=0x011FE598 buf=0x06417876 status=9C00 pak_size=64
106 pak=0x0116E6DC buf=0x062667F6 status=9C00 pak_size=64
107 pak=0x012349F4 buf=0x064BAD76 status=9C00 pak_size=64
108 pak=0x0121106C buf=0x0644FB76 status=9C00 pak_size=94
109 pak=0x0117C458 buf=0x062901F6 status=9C00 pak_size=86
110 pak=0x0116AB18 buf=0x0625B3F6 status=9C00 pak_size=103
111 pak=0x0116E358 buf=0x06265CF6 status=9C00 pak_size=64
112 pak=0x012326CC buf=0x064B4376 status=9C00 pak_size=68
113 pak=0x01165A3C buf=0x0624C076 status=9C00 pak_size=68
```

```
114 pak=0x011834D8 buf=0x062A5476 status=9C00 pak_size=216
115 pak=0x01240ED4 buf=0x064DFD76 status=9C00 pak_size=144
116 pak=0x0116FBF4 buf=0x0626A776 status=9C00 pak_size=66
117 pak=0x011C1B48 buf=0x063610F6 status=9C00 pak_size=64
118 pak=0x012008C0 buf=0x0641E276 status=9C00 pak_size=103
119 pak=0x01200C44 buf=0x0641ECF6 status=9C00 pak_size=299
120 pak=0x0120B504 buf=0x0643E876 status=9C00 pak_size=319
121 pak=0x012245CC buf=0x06489E76 status=9C00 pak_size=70
122 pak=0x011D5EB8 buf=0x0639DDF6 status=9C00 pak_size=68
123 pak=0x012350FC buf=0x064BC276 status=9C00 pak_size=103
124 pak=0x011DB318 buf=0x063ADB76 status=9C00 pak_size=106
125 pak=0x01283108 buf=0x065A6D76 status=9C00 pak_size=94
126 pak=0x011687F0 buf=0x062549F6 status=9C00 pak_size=68
127 pak=0x0117A130 buf=0x06289876 status=DC00 pak_size=68
```

```
TX ring with 128 entries at 0x7002B00, tx_count = 1
tx_head = 0x7002C00 (32), head_txp = 0x132AB38 (32)
tx_tail = 0x7002BF8 (31), tail_txp = 0x132AB34 (31)
```

```
00 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
01 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
02 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
03 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
04 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
05 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
06 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
07 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
08 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
09 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
10 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
11 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
12 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
13 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
14 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
15 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
16 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
17 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
18 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
19 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
20 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
21 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
22 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
23 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
24 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
25 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
26 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
27 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
28 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
29 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
30 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
31 pak=0x00FC3E7C buf=0x0600DEC2 status=1400 pak_size=158
32 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
33 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
34 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
35 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
36 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
37 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
38 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
39 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
40 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
41 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
42 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
43 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
44 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
45 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
46 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
47 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
48 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
49 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
50 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
51 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
52 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
53 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
54 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
55 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
56 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
57 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
58 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
59 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
60 pak=0x00000000 buf=0x00000000 status=1400 pak_size=290
61 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
62 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
63 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
64 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
65 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
```

```

66 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
67 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
68 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
69 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
70 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
71 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
72 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
73 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
74 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
75 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
76 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
77 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
78 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
79 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
80 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
81 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
82 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
83 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
84 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
85 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
86 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
87 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
88 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
89 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
90 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
91 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
92 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
93 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
94 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
95 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
96 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
97 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
98 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
99 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
100 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
101 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
102 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
103 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
104 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
105 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
106 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
107 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
108 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
109 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
110 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
111 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
112 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
113 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
114 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
115 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
116 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
117 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
118 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
119 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
120 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
121 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
122 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
123 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
124 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
125 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
126 pak=0x00000000 buf=0x00000000 status=1400 pak_size=590
127 pak=0x00000000 buf=0x00000000 status=5400 pak_size=590

```

```
----- show user -----
```

Line	User	Host(s)	Idle	Location
Interface	User	Mode	Idle	Peer Address

```
----- show data-corruption -----
```

No data inconsistency errors have been recorded.

```
----- show file systems -----
```

File Systems:

Size(b)	Free(b)	Type	Flags	Prefixes
* 32385024	26839040	flash	rw	flash:
-	-	opaque	rw	bs:
32385024	26839040	unknown	rw	zflash:
-	-	opaque	rw	archive:
-	-	opaque	rw	system:
32768	31692	nvrnm	rw	nvrnm:
-	-	network	rw	tftp:
-	-	opaque	rw	null:
-	-	opaque	ro	xmodem:
-	-	opaque	ro	ymodem:
-	-	network	rw	rcp:
-	-	network	rw	ftp:
-	-	network	rw	http:
-	-	network	rw	scp:
-	-	network	rw	https:

----- show flash: all -----

Directory of flash:/

Permissions	Size	Mod Time	Mod Time	Mod Time	Mod Time	File Name
3 -rwx	246	Oct 8 2010	09:19:18	-04:00		env_vars
5 drwx	256	Oct 4 2010	22:20:39	-04:00		c1140-k9w7-mx.124-21a.JY
4 -rwx	1048	Oct 8 2010	09:16:58	-04:00		private-multiple-fs

32385024 bytes total (26839040 bytes free)

----- dir nvram: -----

Directory of nvram:/

Permissions	Size	Mod Time	Mod Time	Mod Time	File Name
30 -rw-	0	<no date>			startup-config
31 ----	0	<no date>			private-config
1 ----	12	<no date>			persistent-data

32768 bytes total (31692 bytes free)

----- show memory statistics -----

Processor	Head	Total(b)	Used(b)	Free(b)	Lowest(b)	Largest(b)
Processor	D833C4	86484028	7641784	78842244	77602332	77396044
I/O	6000000	16777216	6118328	10658888	10491636	10658888
I/O	7000000	16777216	12036	16765180	16765180	16765128

----- show process memory -----

Processor Pool Total:	86484028	Used:	7641516	Free:	78842512
I/O Pool Total:	16777216	Used:	6118324	Free:	10658892
I/O Pool Total:	16777216	Used:	12024	Free:	16765192

PID	TTY	Allocated	Freed	Holding	Getbufs	Retbufs	Process
0	0	14764532	836508	11218664	0	0	*Init*
0	0	12408	1484252	12408	0	0	*Sched*
0	0	40118152	40954468	606000	5997792	5997792	*Dead*
0	0	0	0	393528	0	0	*MallocLite*
1	0	0	0	7012	0	0	Chunk Manager
2	0	196	196	4012	0	0	Load Meter
3	0	456	0	7468	0	0	SNTP
4	0	4692	196	11508	0	0	Check heaps
5	0	423636	427052	7012	187488	189000	Pool Manager
6	0	196	196	7012	0	0	Timers
7	0	196	196	7012	0	0	AAA high-capacit
8	0	0	0	7012	0	0	AAA_SERVER_DEADT
9	0	0	0	13012	0	0	Policy Manager
10	0	0	0	25012	0	0	Crash writer
11	0	16864124	16849276	40392	0	0	HTTP CP
12	0	0	0	7012	0	0	RO Notify Timers
13	0	16377424	28526052	67036	0	0	RADIUS
14	0	0	0	7012	0	0	ARP Input
15	0	848	0	7860	0	0	Entity MIB API
16	0	0	0	7012	0	0	HC Counter Timer
17	0	196	196	7012	0	0	GraphIt
18	0	0	0	7012	0	0	Net Input
19	0	0	0	7012	0	0	Critical Bkgnd
20	0	22408	324	14060	0	0	Net Background
21	0	9838436	9838436	13012	0	0	IDB Work
22	0	196	196	13012	0	0	Logger
23	0	196	1904	7012	0	756	TTY Background

24	0	0	0	10012	0	0	Per-Second Jobs
25	0	0	0	7012	0	0	DOT11 Network Ma
26	0	0	0	7012	0	0	Transport Port A
27	0	196	196	7012	0	0	Compute load avg
28	0	0	1360	7012	0	0	Per-minute Jobs
29	0	21145240	5136440	175876	0	0	Dot11 driver
30	0	196	196	7012	0	0	Dot11 driver log
31	0	0	0	7012	0	0	Voice Metrics Ta
32	0	0	0	7012	0	0	SOAP LED Process
33	0	10532872	196	7012	0	0	AAA Server
34	0	0	0	7012	0	0	AAA ACCT Proc
35	0	0	0	7012	0	0	ACCT Periodic Pr
36	0	242568	6060	99232	0	0	IP Input
37	0	0	0	7012	0	0	ICMP event handl
39	0	196	196	7012	0	0	AAA Dictionary R
40	0	1436	196	8176	0	0	CDP Protocol
41	0	0	0	7012	0	0	linktest
42	0	35473928	138004	10012	0	0	Dot11 aaa proces
43	0	0	0	10012	0	0	pmkid
44	0	1355956	5657524	311772	0	0	Dot11 Mgmt & Ass
45	0	196	196	7012	0	0	DOT11 MFP IO
46	0	6124	4072	7012	0	0	AiroIAPP Protoco
47	0	196	196	7012	0	0	Triggered events
48	0	196	34477596	10012	0	0	Dot11 auth Dotlx
49	0	0	0	7012	0	0	Dot11 Mac Auth
50	0	196	196	7012	0	0	CDP ILP Platform
51	0	1404	0	8416	0	0	Dot11CACprocess
52	0	508	196	7324	0	0	Dotlx Mgr Proces
53	0	0	0	7012	0	0	MAB Framework
54	0	0	0	7012	0	0	EAP Framework
55	0	0	0	7012	0	0	EAP Test
56	0	0	150288	13012	0	0	TCP Timer
57	0	88816	0	13012	0	0	TCP Protocols
58	0	0	0	7012	0	0	Socket Timers
59	0	0	0	7012	0	0	IP Traceroute
60	0	5600	0	12612	0	0	L2MM
61	0	0	0	7012	0	0	MRD
62	0	0	0	7012	0	0	IGMP SN
63	0	6738704	4875132	24176	0	0	HTTP CORE
65	0	10540	196	17356	0	0	DDP
66	0	196	196	7012	0	0	WLCCP MFP AP
67	0	360	196	7176	0	0	Dotlx Supplicant
68	0	360	196	7176	0	0	Dotlx Supplicant
69	0	360	196	7176	0	0	Dotlx Supplicant
70	0	44192	208656	7012	0	0	LOCAL AAA
71	0	196	196	7012	0	0	AAA Cached Serve
72	0	196	196	7012	0	0	ENABLE AAA
73	0	196	196	7012	0	0	LINE AAA
74	0	66544	196	7772	0	0	TPLUS
75	0	0	0	7012	0	0	EM Background Pr
76	0	0	0	13012	0	0	encrypt proc
77	0	196	196	7012	0	0	Soap Consoleless
78	0	66960	66184	13788	0	0	Crypto CA
79	0	0	0	9012	0	0	Crypto PKI-CRL
80	0	0	0	9012	0	0	Crypto SSL
81	0	0	0	7012	0	0	crypto engine pr
82	0	1762220	12592560	7012	0	0	AAA SEND STOP EV
83	0	196	196	7012	0	0	Dot11 LBS Proc
84	0	5873852	5873852	7012	0	0	Syslog Traps
85	0	2482948	2481688	14272	0	0	Syslog
87	0	0	0	7012	0	0	SNMP Timers
88	0	47600	48012	13764	0	0	DHCP Client
89	0	196	196	13044	0	0	HyBridge Input P
90	0	360	196	7208	0	0	Tbridge Monitor
91	0	360	196	13208	0	0	Spanning Tree
92	0	17805120	17795580	13888	0	0	IP SNMP
93	0	20649648	0	13012	0	0	PDU DISPATCHER
94	0	55629512	76287824	13012	0	0	SNMP ENGINE
95	0	5928	0	18940	0	0	IP SNMPV6
96	0	0	0	13012	0	0	SNMP ConfCopyPro
97	0	7956	2540	13304	2268	0	SNMP Traps
98	0	7560608	7569916	14764	0	0	crypto sw pk pro
99	0	26080	0	11320	0	0	SSH Event handle
				13768456	Total		

----- show process cpu -----

CPU utilization for five seconds: 22%/0%; one minute: 24%; five minutes: 22%

PID	Runtime(ms)	Invoked	uSecs	5Sec	1Min	5Min	TTY	Process
1	0	2	0	0.00%	0.00%	0.00%	0	Chunk Manager
2	103	104869	0	0.08%	0.00%	0.00%	0	Load Meter
3	15	16407	0	0.00%	0.00%	0.00%	0	SNTP
4	107386	53518	2006	0.00%	0.01%	0.00%	0	Check heaps



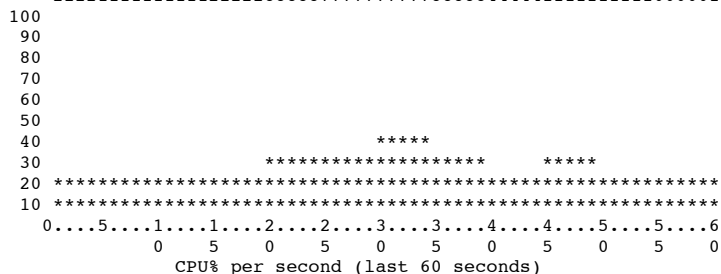
5	31	202	153	0.00%	0.00%	0.00%	0	Pool Manager
6	1	2	500	0.00%	0.00%	0.00%	0	Timers
7	2	1525	1	0.00%	0.00%	0.00%	0	AAA high-capacit
8	0	1	0	0.00%	0.00%	0.00%	0	AAA_SERVER_DEADT
9	0	1	0	0.00%	0.00%	0.00%	0	Policy Manager
10	0	1	0	0.00%	0.00%	0.00%	0	Crash writer
11	629	65	9676	0.00%	0.00%	0.00%	0	HTTP CP
12	0	1	0	0.00%	0.00%	0.00%	0	RO Notify Timers
13	15539	16450060	0	0.00%	0.00%	0.00%	0	RADIUS
14	249217	2449220	101	0.08%	0.03%	0.02%	0	ARP Input
15	1	2	500	0.00%	0.00%	0.00%	0	Entity MIB API
16	5	154160	0	0.00%	0.00%	0.00%	0	HC Counter Timer
17	36	524341	0	0.00%	0.00%	0.00%	0	GraphIt
18	653	17475	37	0.00%	0.00%	0.00%	0	Net Input
19	0	1	0	0.00%	0.00%	0.00%	0	Critical Bkgnd
20	41	209803	0	0.08%	0.00%	0.00%	0	Net Background
21	32	52451	0	0.00%	0.00%	0.00%	0	IDB Work
22	217	17145	12	0.00%	0.00%	0.00%	0	Logger
23	93	524335	0	0.00%	0.00%	0.00%	0	TTY Background
24	25	524400	0	0.00%	0.00%	0.00%	0	Per-Second Jobs
25	0	1748	0	0.00%	0.00%	0.00%	0	DOT11 Network Ma
26	0	76	0	0.00%	0.00%	0.00%	0	Transport Port A
27	19	104871	0	0.00%	0.00%	0.00%	0	Compute load avg
28	35094	8743	4013	0.00%	0.00%	0.00%	0	Per-minute Jobs
29	92279550	488952615	188	21.62%	19.74%	19.08%	0	Dot11 driver
30	0	2	0	0.00%	0.00%	0.00%	0	Dot11 driver log
31	23	524394	0	0.00%	0.00%	0.00%	0	Voice Metrics Ta
32	307	3495937	0	0.00%	0.00%	0.00%	0	SOAP LED Process
33	5127	16962	302	0.00%	0.00%	0.00%	0	AAA Server
34	0	1	0	0.00%	0.00%	0.00%	0	AAA ACCT Proc
35	0	1	0	0.00%	0.00%	0.00%	0	ACCT Periodic Pr
36	7888	97160	81	0.00%	0.13%	0.04%	0	IP Input
37	0	1	0	0.00%	0.00%	0.00%	0	ICMP event handl
39	0	2	0	0.00%	0.00%	0.00%	0	AAA Dictionary R
40	1120	75069	14	0.00%	0.00%	0.00%	0	CDP Protocol
41	14	524394	0	0.00%	0.00%	0.00%	0	linktest
42	8712	41534	209	0.00%	0.00%	0.00%	0	Dot11 aaa proces
43	0	8740	0	0.00%	0.00%	0.00%	0	pmkid
44	40837	1189831	34	0.00%	0.00%	0.00%	0	Dot11 Mgmt & Ass
45	0	2	0	0.00%	0.00%	0.00%	0	DOT11 MFP IO
46	18707	854884	21	0.00%	0.00%	0.00%	0	AiroIAPP Protoco
47	0	2	0	0.00%	0.00%	0.00%	0	Triggered events
48	5382	30531	176	0.00%	0.00%	0.00%	0	Dot11 auth Dot1x
49	0	1	0	0.00%	0.00%	0.00%	0	Dot11 Mac Auth
50	17	524343	0	0.00%	0.00%	0.00%	0	CDP ILP Platform
51	3	104880	0	0.00%	0.00%	0.00%	0	Dot11CACprocess
52	901	20177	44	0.00%	0.00%	0.00%	0	Dot1x Mgr Proces
53	0	1	0	0.00%	0.00%	0.00%	0	MAB Framework
54	0	1	0	0.00%	0.00%	0.00%	0	EAP Framework
55	0	1	0	0.00%	0.00%	0.00%	0	EAP Test
56	16	703	22	0.00%	0.00%	0.00%	0	TCP Timer
57	0	7	0	0.00%	0.00%	0.00%	0	TCP Protocols
58	0	1	0	0.00%	0.00%	0.00%	0	Socket Timers
59	0	1	0	0.00%	0.00%	0.00%	0	IP Traceroute
60	3	9	333	0.00%	0.00%	0.00%	0	L2MM
61	0	1	0	0.00%	0.00%	0.00%	0	MRD
62	668	10121	66	0.00%	0.00%	0.00%	0	IGMPSN
63	4262	5144	828	0.00%	1.67%	0.67%	0	HTTP CORE
65	0	2	0	0.00%	0.00%	0.00%	0	DDP
66	0	26219	0	0.00%	0.00%	0.00%	0	WLCCP MFP AP
67	0	2	0	0.00%	0.00%	0.00%	0	Dot1x Supplicant
68	1	2	500	0.00%	0.00%	0.00%	0	Dot1x Supplicant
69	0	2	0	0.00%	0.00%	0.00%	0	Dot1x Supplicant
70	58	423	137	0.00%	0.00%	0.00%	0	LOCAL AAA
71	0	2	0	0.00%	0.00%	0.00%	0	AAA Cached Serve
72	0	2	0	0.00%	0.00%	0.00%	0	ENABLE AAA
73	1	2	500	0.00%	0.00%	0.00%	0	LINE AAA
74	0	2	0	0.00%	0.00%	0.00%	0	TPLUS
75	0	1	0	0.00%	0.00%	0.00%	0	EM Background Pr
76	0	1	0	0.00%	0.00%	0.00%	0	encrypt proc
77	1	35	28	0.00%	0.00%	0.00%	0	Soap Consoleless
78	3	4	750	0.00%	0.00%	0.00%	0	Crypto CA
79	0	1	0	0.00%	0.00%	0.00%	0	Crypto PKI-CRL
80	0	1	0	0.00%	0.00%	0.00%	0	Crypto SSL
81	0	1	0	0.00%	0.00%	0.00%	0	crypto engine pr
82	1551	11597	133	0.00%	0.01%	0.00%	0	AAA SEND STOP EV
83	0	2	0	0.00%	0.00%	0.00%	0	Dot11 LBS Proc
84	3323	3376	984	0.00%	0.00%	0.00%	0	Syslog Traps
85	766	9012	84	0.00%	0.00%	0.00%	0	Syslog
87	0	1	0	0.00%	0.00%	0.00%	0	SNMP Timers
88	48	524593	0	0.00%	0.00%	0.00%	0	DHCP Client
89	260422	5037448	51	0.08%	0.11%	0.08%	0	HyBridge Input P
90	81	613671	0	0.00%	0.00%	0.00%	0	Tbridge Monitor
91	0	2	0	0.00%	0.00%	0.00%	0	Spanning Tree

92	11931	95711	124	0.00%	0.00%	0.00%	0	IP SNMP
93	6352	43945	144	0.00%	0.00%	0.00%	0	PDU DISPATCHER
94	55382	43948	1260	0.16%	0.01%	0.00%	0	SNMP ENGINE
95	0	1	0	0.00%	0.00%	0.00%	0	IP SNMPV6
96	0	1	0	0.00%	0.00%	0.00%	0	SNMP ConfCopyPro
97	2558	4521	565	0.00%	0.00%	0.00%	0	SNMP Traps
98	86310	6947	12424	0.00%	0.00%	0.00%	0	crypto sw pk pro
99	22	292	75	0.00%	0.00%	0.00%	0	SSH Event handle

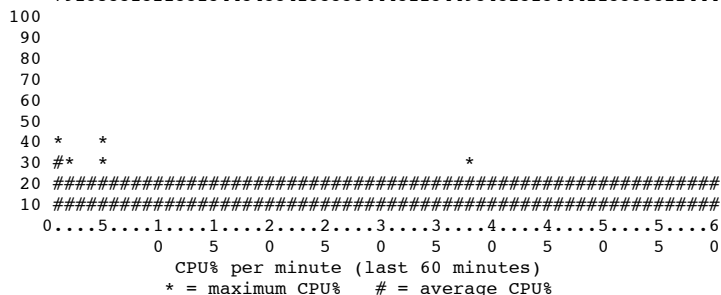
----- show process cpu history -----

ap7e-kimmel 10:58:00 AM Thursday Oct 14 2010 EDT

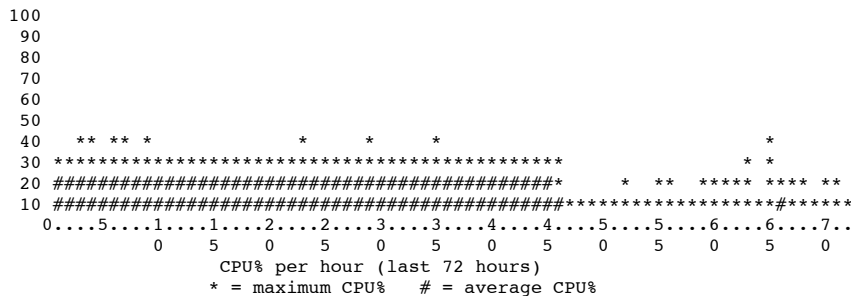
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----- show dot11 associations all-client -----

Address	: 0019.d268.4218	Name	: NONE
IP Address	: 0.0.0.0	Interface	: Dot11Radio 1
Device	: unknown	Software Version	: NONE
CCX Version	: NONE	Client MFP	: Off
State : Drv_Add_In		Parent : self	
SSID : NYU-ROAM2			
VLAN : 1235			
Hops to Infra : 1			
Clients Associated: 0		Repeaters associated: 0	

```

Address      : 001b.63c1.4d61   Name           : NONE
IP Address   : 0.0.0.0         Interface      : Dot11Radio 1
Device       : unknown        Software Version : NONE
CCX Version  : NONE           Client MFP     : Off

State        : Drv_Add_In     Parent         : self
SSID         : NYU-ROAM2
VLAN         : 1235
Hops to Infra : 1
Clients Associated: 0        Repeaters associated: 0

Address      : 001b.63c5.c7db   Name           : NONE
IP Address   : 0.0.0.0         Interface      : Dot11Radio 1
Device       : unknown        Software Version : NONE
CCX Version  : NONE           Client MFP     : Off

State        : Drv_Add_In     Parent         : self
SSID         : NYU-ROAM2
VLAN         : 1235
Hops to Infra : 1
Clients Associated: 0        Repeaters associated: 0

Address      : 0022.41f8.b5f1   Name           : NONE
IP Address   : 0.0.0.0         Interface      : Dot11Radio 1
Device       : unknown        Software Version : NONE
CCX Version  : NONE           Client MFP     : Off

State        : Drv_Add_In     Parent         : self
SSID         : NYU-ROAM2
VLAN         : 1235
Hops to Infra : 1
Clients Associated: 0        Repeaters associated: 0

Address      : 001c.b3b3.3dbf   Name           : NONE
IP Address   : 0.0.0.0         Interface      : Dot11Radio 1
Device       : unknown        Software Version : NONE
CCX Version  : NONE           Client MFP     : Off

State        : Drv_Add_In     Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0        Repeaters associated: 0

Address      : 001e.c2ad.538f   Name           : NONE
IP Address   : 0.0.0.0         Interface      : Dot11Radio 1
Device       : unknown        Software Version : NONE
CCX Version  : NONE           Client MFP     : Off

State        : Drv_Add_In     Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0        Repeaters associated: 0

Address      : 0021.e9da.e30f   Name           : NONE
IP Address   : 0.0.0.0         Interface      : Dot11Radio 1
Device       : unknown        Software Version : NONE
CCX Version  : NONE           Client MFP     : Off

State        : Drv_Add_In     Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0        Repeaters associated: 0

Address      : 0023.1257.1f11   Name           : NONE
IP Address   : 0.0.0.0         Interface      : Dot11Radio 1
Device       : unknown        Software Version : NONE
CCX Version  : NONE           Client MFP     : Off

State        : Drv_Add_In     Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0        Repeaters associated: 0

Address      : 0025.0040.1e39   Name           : NONE
IP Address   : 0.0.0.0         Interface      : Dot11Radio 1
Device       : unknown        Software Version : NONE
CCX Version  : NONE           Client MFP     : Off

State        : Drv_Add_In     Parent         : self
SSID         : NYU-ROAM3

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```

VLAN          : 1233
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address      : 0026.08e3.7eff   Name          : NONE
IP Address   : 0.0.0.0         Interface     : Dot11Radio 1
Device       : unknown         Software Version : NONE
CCX Version  : NONE           Client MFP    : Off

State        : Drv_Add_In      Parent        : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address      : 0026.08e6.1b25   Name          : NONE
IP Address   : 0.0.0.0         Interface     : Dot11Radio 1
Device       : unknown         Software Version : NONE
CCX Version  : NONE           Client MFP    : Off

State        : Drv_Add_In      Parent        : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address      : 0026.bb07.b7de   Name          : NONE
IP Address   : 0.0.0.0         Interface     : Dot11Radio 1
Device       : unknown         Software Version : NONE
CCX Version  : NONE           Client MFP    : Off

State        : Drv_Add_In      Parent        : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address      : 6033.4b21.e01b   Name          : NONE
IP Address   : 0.0.0.0         Interface     : Dot11Radio 1
Device       : unknown         Software Version : NONE
CCX Version  : NONE           Client MFP    : Off

State        : Drv_Add_In      Parent        : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address      : 78ca.39af.e186   Name          : NONE
IP Address   : 0.0.0.0         Interface     : Dot11Radio 1
Device       : unknown         Software Version : NONE
CCX Version  : NONE           Client MFP    : Off

State        : Drv_Add_In      Parent        : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address      : 78ca.39b1.cdc3   Name          : NONE
IP Address   : 0.0.0.0         Interface     : Dot11Radio 1
Device       : unknown         Software Version : NONE
CCX Version  : NONE           Client MFP    : Off

State        : Drv_Add_In      Parent        : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address      : 7c6d.62b8.5883   Name          : NONE
IP Address   : 0.0.0.0         Interface     : Dot11Radio 1
Device       : unknown         Software Version : NONE
CCX Version  : NONE           Client MFP    : Off

State        : Drv_Add_In      Parent        : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address      : 7c6d.62df.c01e   Name          : NONE
IP Address   : 0.0.0.0         Interface     : Dot11Radio 1
Device       : unknown         Software Version : NONE

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CCX Version      : NONE                Client MFP       : Off

State           : Drv_Add_In           Parent           : self
SSID            : NYU-ROAM3
VLAN            : 1233
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address         : c8bc.c84b.db99       Name             : NONE
IP Address      : 0.0.0.0               Interface        : Dot11Radio 1
Device          : unknown               Software Version : NONE
CCX Version     : NONE                  Client MFP       : Off

State           : Drv_Add_In           Parent           : self
SSID            : NYU-ROAM3
VLAN            : 1233
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address         : d830.6288.8bff       Name             : NONE
IP Address      : 0.0.0.0               Interface        : Dot11Radio 1
Device          : unknown               Software Version : NONE
CCX Version     : NONE                  Client MFP       : Off

State           : Drv_Add_In           Parent           : self
SSID            : NYU-ROAM3
VLAN            : 1233
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address         : d830.628a.e87f       Name             : NONE
IP Address      : 0.0.0.0               Interface        : Dot11Radio 1
Device          : unknown               Software Version : NONE
CCX Version     : NONE                  Client MFP       : Off

State           : Drv_Add_In           Parent           : self
SSID            : NYU-ROAM3
VLAN            : 1233
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address         : d830.629e.414f       Name             : NONE
IP Address      : 0.0.0.0               Interface        : Dot11Radio 1
Device          : unknown               Software Version : NONE
CCX Version     : NONE                  Client MFP       : Off

State           : Drv_Add_In           Parent           : self
SSID            : NYU-ROAM3
VLAN            : 1233
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address         : d8a2.5e6e.d7c2       Name             : NONE
IP Address      : 0.0.0.0               Interface        : Dot11Radio 1
Device          : unknown               Software Version : NONE
CCX Version     : NONE                  Client MFP       : Off

State           : Drv_Add_In           Parent           : self
SSID            : NYU-ROAM3
VLAN            : 1233
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address         : d8a2.5e98.8a40       Name             : NONE
IP Address      : 0.0.0.0               Interface        : Dot11Radio 1
Device          : unknown               Software Version : NONE
CCX Version     : NONE                  Client MFP       : Off

State           : Drv_Add_In           Parent           : self
SSID            : NYU-ROAM3
VLAN            : 1233
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address         : e806.88a6.917f       Name             : NONE
IP Address      : 0.0.0.0               Interface        : Dot11Radio 1
Device          : unknown               Software Version : NONE
CCX Version     : NONE                  Client MFP       : Off

State           : Drv_Add_In           Parent           : self
SSID            : NYU-ROAM3
VLAN            : 1233
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

```

```

Address      : f81e.dfd7.02e2      Name           : NONE
IP Address   : 0.0.0.0           Interface      : Dot11Radio 1
Device       : unknown          Software Version : NONE
CCX Version  : NONE             Client MFP     : Off

```

```

State        : Drv_Add_In        Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

```

```

Address      : f81e.dfea.bdc9      Name           : NONE
IP Address   : 0.0.0.0           Interface      : Dot11Radio 1
Device       : unknown          Software Version : NONE
CCX Version  : NONE             Client MFP     : Off

```

```

State        : Drv_Add_In        Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

```

```

Address      : 0016.cf2a.1c32      Name           : NONE
IP Address   : 0.0.0.0           Interface      : Dot11Radio 1
Device       : unknown          Software Version : NONE
CCX Version  : NONE             Client MFP     : Off

```

```

State        : Drv_Add_In        Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

```

```

Address      : 0017.f24e.5d7a      Name           : NONE
IP Address   : 0.0.0.0           Interface      : Dot11Radio 1
Device       : unknown          Software Version : NONE
CCX Version  : NONE             Client MFP     : Off

```

```

State        : Drv_Add_In        Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

```

```

Address      : 001a.736b.cdd9      Name           : NONE
IP Address   : 0.0.0.0           Interface      : Dot11Radio 1
Device       : unknown          Software Version : NONE
CCX Version  : NONE             Client MFP     : Off

```

```

State        : Drv_Add_In        Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

```

```

Address      : 001b.6302.2ac2      Name           : NONE
IP Address   : 0.0.0.0           Interface      : Dot11Radio 1
Device       : unknown          Software Version : NONE
CCX Version  : NONE             Client MFP     : Off

```

```

State        : Drv_Add_In        Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

```

```

PMKIDs:
  1F35A1287B5B9B1049ABBAAD32DE60F8

```

```

Address      : 001b.6307.fd3c      Name           : NONE
IP Address   : 0.0.0.0           Interface      : Dot11Radio 1
Device       : unknown          Software Version : NONE
CCX Version  : NONE             Client MFP     : Off

```

```

State        : Drv_Add_In        Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

```

```

Address      : 001b.6309.47ac      Name           : NONE
IP Address   : 0.0.0.0           Interface      : Dot11Radio 1
Device       : unknown          Software Version : NONE

```

```

CCX Version      : NONE                Client MFP       : Off

State           : Drv_Add_In          Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0                Repeaters associated: 0

Address         : 001b.63c3.6149      Name             : NONE
IP Address      : 0.0.0.0             Interface        : Dot11Radio 1
Device          : unknown             Software Version : NONE
CCX Version     : NONE                Client MFP       : Off

State           : Drv_Add_In          Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0                Repeaters associated: 0

Address         : 001b.63c5.3be3      Name             : NONE
IP Address      : 0.0.0.0             Interface        : Dot11Radio 1
Device          : unknown             Software Version : NONE
CCX Version     : NONE                Client MFP       : Off

State           : Drv_Add_In          Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0                Repeaters associated: 0

Address         : 001b.63ca.f268      Name             : NONE
IP Address      : 0.0.0.0             Interface        : Dot11Radio 1
Device          : unknown             Software Version : NONE
CCX Version     : NONE                Client MFP       : Off

State           : Drv_Add_In          Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0                Repeaters associated: 0

Address         : 001c.b3b2.fb18      Name             : NONE
IP Address      : 0.0.0.0             Interface        : Dot11Radio 1
Device          : unknown             Software Version : NONE
CCX Version     : NONE                Client MFP       : Off

State           : Drv_Add_In          Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0                Repeaters associated: 0

Address         : 001c.b3bf.6a1e      Name             : NONE
IP Address      : 0.0.0.0             Interface        : Dot11Radio 1
Device          : unknown             Software Version : NONE
CCX Version     : NONE                Client MFP       : Off

State           : Drv_Add_In          Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0                Repeaters associated: 0

Address         : 001e.5276.105e      Name             : NONE
IP Address      : 0.0.0.0             Interface        : Dot11Radio 1
Device          : unknown             Software Version : NONE
CCX Version     : NONE                Client MFP       : Off

State           : Drv_Add_In          Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0                Repeaters associated: 0

Address         : 001e.5286.a47b      Name             : NONE
IP Address      : 0.0.0.0             Interface        : Dot11Radio 1
Device          : unknown             Software Version : NONE
CCX Version     : NONE                Client MFP       : Off

State           : Drv_Add_In          Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0                Repeaters associated: 0

```

## PMKIDs:

43693B4C74EA0B05A60B3813BB7B3287

Address : 001e.5287.880a Name : NONE  
 IP Address : 0.0.0.0 Interface : Dot11Radio 1  
 Device : unknown Software Version : NONE  
 CCX Version : NONE Client MFP : Off

State : Drv\_Add\_In Parent : self  
 SSID : nyu  
 VLAN : 1231  
 Hops to Infra : 1  
 Clients Associated: 0 Repeaters associated: 0

Address : 001f.5bb9.7704 Name : NONE  
 IP Address : 0.0.0.0 Interface : Dot11Radio 1  
 Device : unknown Software Version : NONE  
 CCX Version : NONE Client MFP : Off

State : Drv\_Add\_In Parent : self  
 SSID : nyu  
 VLAN : 1231  
 Hops to Infra : 1  
 Clients Associated: 0 Repeaters associated: 0

Address : 001f.5bbb.f9d0 Name : NONE  
 IP Address : 0.0.0.0 Interface : Dot11Radio 1  
 Device : unknown Software Version : NONE  
 CCX Version : NONE Client MFP : Off

State : Drv\_Add\_In Parent : self  
 SSID : nyu  
 VLAN : 1231  
 Hops to Infra : 1 Association Id : 4  
 Clients Associated: 0 Repeaters associated: 0  
 Tunnel Address : 0.0.0.0  
 Key Mgmt type : WPAv2 Encryption : AES-CCMP  
 Current Rate : m15. Capability : WMM 11h  
 Supported Rates : 12.0 18.0 24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11. m12. m13. m14. m15.  
 Voice Rates : disabled Bandwidth : 20 MHz  
 Signal Strength : -69 dBm Connected for : 166444 seconds  
 Signal to Noise : 33 dB Activity Timeout : 60 seconds  
 Power-save : Off Last Activity : 0 seconds ago  
 Apsd DE AC(s) : NONE

Packets Input : 99893 Packets Output : 162901  
 Bytes Input : 14304012 Bytes Output : 201918320  
 Duplicates Rcvd : 0 Data Retries : 182388  
 Decrypt Failed : 0 RTS Retries : 0  
 MIC Failed : 0 MIC Missing : 0  
 Packets Redirected: 0 Redirect Filtered: 0

## PMKIDs:

244A92B5359E16EF06B32C9F0CB84B0B

Address : 001f.5bbd.db42 Name : NONE  
 IP Address : 0.0.0.0 Interface : Dot11Radio 1  
 Device : unknown Software Version : NONE  
 CCX Version : NONE Client MFP : Off

State : Drv\_Add\_In Parent : self  
 SSID : nyu  
 VLAN : 1231  
 Hops to Infra : 1  
 Clients Associated: 0 Repeaters associated: 0

Address : 001f.5bbe.0647 Name : NONE  
 IP Address : 0.0.0.0 Interface : Dot11Radio 1  
 Device : unknown Software Version : NONE  
 CCX Version : NONE Client MFP : Off

State : Drv\_Add\_In Parent : self  
 SSID : nyu  
 VLAN : 1231  
 Hops to Infra : 1  
 Clients Associated: 0 Repeaters associated: 0

Address : 001f.5bbe.340e Name : NONE  
 IP Address : 0.0.0.0 Interface : Dot11Radio 1  
 Device : unknown Software Version : NONE  
 CCX Version : NONE Client MFP : Off

State : Drv\_Add\_In Parent : self



```

SSID          : nyu
VLAN          : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : 001f.5bbf.a55f   Name           : NONE
IP Address    : 0.0.0.0         Interface      : Dot11Radio 1
Device        : unknown        Software Version : NONE
CCX Version   : NONE           Client MFP     : Off

State        : Drv_Add_In       Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : 001f.5bc2.1802   Name           : NONE
IP Address    : 0.0.0.0         Interface      : Dot11Radio 1
Device        : unknown        Software Version : NONE
CCX Version   : NONE           Client MFP     : Off

State        : Drv_Add_In       Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : 001f.5bc8.e64c   Name           : NONE
IP Address    : 0.0.0.0         Interface      : Dot11Radio 1
Device        : unknown        Software Version : NONE
CCX Version   : NONE           Client MFP     : Off

State        : Drv_Add_In       Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : 001f.5bcf.35a0   Name           : NONE
IP Address    : 0.0.0.0         Interface      : Dot11Radio 1
Device        : unknown        Software Version : NONE
CCX Version   : NONE           Client MFP     : Off

State        : Drv_Add_In       Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : 001f.5bd1.2f8a   Name           : NONE
IP Address    : 0.0.0.0         Interface      : Dot11Radio 1
Device        : unknown        Software Version : NONE
CCX Version   : NONE           Client MFP     : Off

State        : Drv_Add_In       Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : 001f.5bd1.426e   Name           : NONE
IP Address    : 0.0.0.0         Interface      : Dot11Radio 1
Device        : unknown        Software Version : NONE
CCX Version   : NONE           Client MFP     : Off

State        : Drv_Add_In       Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : 001f.5bd7.c334   Name           : NONE
IP Address    : 0.0.0.0         Interface      : Dot11Radio 1
Device        : unknown        Software Version : NONE
CCX Version   : NONE           Client MFP     : Off

State        : Drv_Add_In       Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : 0021.e9d8.fb00   Name           : NONE
IP Address    : 0.0.0.0         Interface      : Dot11Radio 1

```

```

Device          : unknown          Software Version : NONE
CCX Version     : NONE             Client MFP       : Off

State           : Drv_Add_In       Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0              Repeaters associated: 0

Address         : 0021.e9d9.306a   Name             : NONE
IP Address      : 0.0.0.0          Interface        : Dot11Radio 1
Device          : unknown          Software Version : NONE
CCX Version     : NONE             Client MFP       : Off

State           : Drv_Add_In       Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0              Repeaters associated: 0

Address         : 0021.e9d9.b5f1   Name             : NONE
IP Address      : 0.0.0.0          Interface        : Dot11Radio 1
Device          : unknown          Software Version : NONE
CCX Version     : NONE             Client MFP       : Off

State           : Drv_Add_In       Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0              Repeaters associated: 0

Address         : 0021.e9db.4a02   Name             : NONE
IP Address      : 0.0.0.0          Interface        : Dot11Radio 1
Device          : unknown          Software Version : NONE
CCX Version     : NONE             Client MFP       : Off

State           : Drv_Add_In       Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0              Repeaters associated: 0

Address         : 0021.e9db.76fb   Name             : NONE
IP Address      : 0.0.0.0          Interface        : Dot11Radio 1
Device          : unknown          Software Version : NONE
CCX Version     : NONE             Client MFP       : Off

State           : Drv_Add_In       Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0              Repeaters associated: 0

Address         : 0021.e9dc.5a63   Name             : NONE
IP Address      : 0.0.0.0          Interface        : Dot11Radio 1
Device          : unknown          Software Version : NONE
CCX Version     : NONE             Client MFP       : Off

State           : Drv_Add_In       Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0              Repeaters associated: 0

Address         : 0021.e9de.aa81   Name             : NONE
IP Address      : 0.0.0.0          Interface        : Dot11Radio 1
Device          : unknown          Software Version : NONE
CCX Version     : NONE             Client MFP       : Off

State           : Drv_Add_In       Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1
Clients Associated: 0              Repeaters associated: 0

Address         : 0021.e9de.afb1   Name             : NONE
IP Address      : 0.0.0.0          Interface        : Dot11Radio 1
Device          : unknown          Software Version : NONE
CCX Version     : NONE             Client MFP       : Off

State           : Drv_Add_In       Parent           : self
SSID            : nyu
VLAN            : 1231
Hops to Infra   : 1

```

```

Clients Associated: 0                               Repeaters associated: 0

Address      : 0022.41f8.b5a2                     Name          : NONE
IP Address   : 0.0.0.0                             Interface     : Dot11Radio 1
Device       : unknown                             Software Version : NONE
CCX Version  : NONE                               Client MFP    : Off

State        : Drv_Add_In                          Parent        : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 0022.41f9.135b                     Name          : NONE
IP Address   : 0.0.0.0                             Interface     : Dot11Radio 1
Device       : unknown                             Software Version : NONE
CCX Version  : NONE                               Client MFP    : Off

State        : Drv_Add_In                          Parent        : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 0022.41fb.90ab                     Name          : NONE
IP Address   : 0.0.0.0                             Interface     : Dot11Radio 1
Device       : unknown                             Software Version : NONE
CCX Version  : NONE                               Client MFP    : Off

State        : Drv_Add_In                          Parent        : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 0023.1200.9ce8                     Name          : NONE
IP Address   : 0.0.0.0                             Interface     : Dot11Radio 1
Device       : unknown                             Software Version : NONE
CCX Version  : NONE                               Client MFP    : Off

State        : Drv_Add_In                          Parent        : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 0023.1203.47ab                     Name          : NONE
IP Address   : 0.0.0.0                             Interface     : Dot11Radio 1
Device       : unknown                             Software Version : NONE
CCX Version  : NONE                               Client MFP    : Off

State        : Drv_Add_In                          Parent        : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 0023.1206.1b57                     Name          : NONE
IP Address   : 0.0.0.0                             Interface     : Dot11Radio 1
Device       : unknown                             Software Version : NONE
CCX Version  : NONE                               Client MFP    : Off

State        : Drv_Add_In                          Parent        : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 0023.6c81.8095                     Name          : NONE
IP Address   : 0.0.0.0                             Interface     : Dot11Radio 1
Device       : unknown                             Software Version : NONE
CCX Version  : NONE                               Client MFP    : Off

State        : Drv_Add_In                          Parent        : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 0023.6c96.7f27                     Name          : NONE
IP Address   : 0.0.0.0                             Interface     : Dot11Radio 1
Device       : unknown                             Software Version : NONE
CCX Version  : NONE                               Client MFP    : Off

```

```

State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0024.2ca0.96a9   Name            : NONE
IP Address     : 0.0.0.0          Interface       : Dot11Radio 1
Device         : unknown         Software Version : NONE
CCX Version    : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0025.003d.99c7   Name            : NONE
IP Address     : 0.0.0.0          Interface       : Dot11Radio 1
Device         : unknown         Software Version : NONE
CCX Version    : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0025.003d.af3f   Name            : NONE
IP Address     : 0.0.0.0          Interface       : Dot11Radio 1
Device         : unknown         Software Version : NONE
CCX Version    : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0025.0041.3fa7   Name            : NONE
IP Address     : 0.0.0.0          Interface       : Dot11Radio 1
Device         : unknown         Software Version : NONE
CCX Version    : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0025.0047.0a1e   Name            : NONE
IP Address     : 0.0.0.0          Interface       : Dot11Radio 1
Device         : unknown         Software Version : NONE
CCX Version    : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0025.4b92.f485   Name            : NONE
IP Address     : 0.0.0.0          Interface       : Dot11Radio 1
Device         : unknown         Software Version : NONE
CCX Version    : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0025.4b9b.ed70   Name            : NONE
IP Address     : 0.0.0.0          Interface       : Dot11Radio 1
Device         : unknown         Software Version : NONE
CCX Version    : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0026.08dd.803a   Name            : NONE

```

```

IP Address      : 0.0.0.0          Interface       : Dot11Radio 1
Device         : unknown         Software Version : NONE
CCX Version    : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID          : nyu
VLAN          : 1231
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0026.08de.7fde  Name           : NONE
IP Address    : 0.0.0.0          Interface       : Dot11Radio 1
Device       : unknown         Software Version : NONE
CCX Version  : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID          : nyu
VLAN          : 1231
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0026.08e2.be8d  Name           : NONE
IP Address    : 0.0.0.0          Interface       : Dot11Radio 1
Device       : unknown         Software Version : NONE
CCX Version  : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID          : nyu
VLAN          : 1231
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0026.08e9.8114  Name           : NONE
IP Address    : 0.0.0.0          Interface       : Dot11Radio 1
Device       : unknown         Software Version : NONE
CCX Version  : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID          : nyu
VLAN          : 1231
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0026.08eb.3f0d  Name           : NONE
IP Address    : 0.0.0.0          Interface       : Dot11Radio 1
Device       : unknown         Software Version : NONE
CCX Version  : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID          : nyu
VLAN          : 1231
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0026.5e26.819f  Name           : NONE
IP Address    : 0.0.0.0          Interface       : Dot11Radio 1
Device       : unknown         Software Version : NONE
CCX Version  : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID          : nyu
VLAN          : 1231
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0026.8206.bcbe  Name           : NONE
IP Address    : 0.0.0.0          Interface       : Dot11Radio 1
Device       : ccx-client       Software Version : NONE
CCX Version  : 4               Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID          : nyu
VLAN          : 1231
Hops to Infra : 1
Clients Associated: 0           Repeaters associated: 0

Address        : 0026.823f.b950  Name           : NONE
IP Address    : 0.0.0.0          Interface       : Dot11Radio 1
Device       : unknown         Software Version : NONE
CCX Version  : NONE           Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID          : nyu
VLAN          : 1231

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Hops to Infra      : 1
Clients Associated: 0
Repeaters associated: 0

Address           : 0026.bb02.4b7f   Name           : NONE
IP Address        : 0.0.0.0           Interface      : Dot11Radio 1
Device            : unknown           Software Version : NONE
CCX Version       : NONE              Client MFP     : Off

State             : Drv_Add_In        Parent          : self
SSID              : nyu
VLAN              : 1231
Hops to Infra     : 1
Clients Associated: 0
Repeaters associated: 0

Address           : 0026.bb0c.4c0c   Name           : NONE
IP Address        : 0.0.0.0           Interface      : Dot11Radio 1
Device            : unknown           Software Version : NONE
CCX Version       : NONE              Client MFP     : Off

State             : Drv_Add_In        Parent          : self
SSID              : nyu
VLAN              : 1231
Hops to Infra     : 1
Clients Associated: 0
Repeaters associated: 0

Address           : 0026.bb0d.0867   Name           : NONE
IP Address        : 0.0.0.0           Interface      : Dot11Radio 1
Device            : unknown           Software Version : NONE
CCX Version       : NONE              Client MFP     : Off

State             : Drv_Add_In        Parent          : self
SSID              : nyu
VLAN              : 1231
Hops to Infra     : 1
Clients Associated: 0
Repeaters associated: 0

Address           : 0026.bb1c.59a1   Name           : NONE
IP Address        : 0.0.0.0           Interface      : Dot11Radio 1
Device            : unknown           Software Version : NONE
CCX Version       : NONE              Client MFP     : Off

State             : Drv_Add_In        Parent          : self
SSID              : nyu
VLAN              : 1231
Hops to Infra     : 1
Clients Associated: 0
Repeaters associated: 0

Address           : 041e.64f4.35f3   Name           : NONE
IP Address        : 172.26.52.227     Interface      : Dot11Radio 1
Device            : unknown           Software Version : NONE
CCX Version       : NONE              Client MFP     : Off

State             : EAP-Assoc        Parent          : self
SSID              : nyu
VLAN              : 1231
Hops to Infra     : 1
Clients Associated: 0
Repeaters associated: 0
Tunnel Address    : 0.0.0.0
Key Mgmt type     : WPAv2             Encryption     : AES-CCMP
Current Rate      : m15.              Capability      : WMM 11h
Supported Rates   : 12.0 18.0 24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11. m12. m13. m14. m15.
Voice Rates       : disabled           Bandwidth      : 20 MHz
Signal Strength   : -59 dBm            Connected for   : 170547 seconds
Signal to Noise   : 42 dB              Activity Timeout : 60 seconds
Power-save        : On                 Last Activity   : 0 seconds ago
Apsd DE AC(s)    : NONE

Packets Input     : 21977              Packets Output  : 20524
Bytes Input       : 5260681            Bytes Output    : 15123070
Duplicates Rcvd  : 0                   Data Retries    : 10352
Decrypt Failed    : 0                   RTS Retries     : 0
MIC Failed        : 0                   MIC Missing     : 0
Packets Redirected: 0                  Redirect Filtered: 0
Session timeout   : 0 seconds
Reauthenticate in : never

Address           : 58b0.355d.d760   Name           : NONE
IP Address        : 0.0.0.0           Interface      : Dot11Radio 1
Device            : unknown           Software Version : NONE
CCX Version       : NONE              Client MFP     : Off

State             : Drv_Add_In        Parent          : self
SSID              : nyu
VLAN              : 1231

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Hops to Infra      : 1
Clients Associated: 0
Repeaters associated: 0

Address           : 58b0.3565.ae38   Name           : NONE
IP Address        : 0.0.0.0          Interface      : Dot11Radio 1
Device            : unknown          Software Version : NONE
CCX Version       : NONE             Client MFP     : Off

State             : Drv_Add_In       Parent         : self
SSID              : nyu
VLAN              : 1231
Hops to Infra     : 1
Clients Associated: 0
Repeaters associated: 0

Address           : 6033.4b1a.3527   Name           : NONE
IP Address        : 0.0.0.0          Interface      : Dot11Radio 1
Device            : unknown          Software Version : NONE
CCX Version       : NONE             Client MFP     : Off

State             : Drv_Add_In       Parent         : self
SSID              : nyu
VLAN              : 1231
Hops to Infra     : 1
Clients Associated: 0
Repeaters associated: 0

Address           : 6033.4b21.da3f    Name           : NONE
IP Address        : 0.0.0.0          Interface      : Dot11Radio 1
Device            : unknown          Software Version : NONE
CCX Version       : NONE             Client MFP     : Off

State             : Drv_Add_In       Parent         : self
SSID              : nyu
VLAN              : 1231
Hops to Infra     : 1
Clients Associated: 0
Repeaters associated: 0

Address           : 6033.4b21.e20d    Name           : NONE
IP Address        : 0.0.0.0          Interface      : Dot11Radio 1
Device            : unknown          Software Version : NONE
CCX Version       : NONE             Client MFP     : Off

State             : Drv_Add_In       Parent         : self
SSID              : nyu
VLAN              : 1231
Hops to Infra     : 1
Clients Associated: 0
Repeaters associated: 0

Address           : 78ca.39af.8946    Name           : NONE
IP Address        : 0.0.0.0          Interface      : Dot11Radio 1
Device            : unknown          Software Version : NONE
CCX Version       : NONE             Client MFP     : Off

State             : Drv_Add_In       Parent         : self
SSID              : nyu
VLAN              : 1231
Hops to Infra     : 1
Clients Associated: 0
Repeaters associated: 0

Address           : 78ca.39af.fbe0    Name           : NONE
IP Address        : 0.0.0.0          Interface      : Dot11Radio 1
Device            : unknown          Software Version : NONE
CCX Version       : NONE             Client MFP     : Off

State             : Drv_Add_In       Parent         : self
SSID              : nyu
VLAN              : 1231
Hops to Infra     : 1
Clients Associated: 0
Repeaters associated: 0

Address           : 78ca.39b2.0385    Name           : NONE
IP Address        : 0.0.0.0          Interface      : Dot11Radio 1
Device            : unknown          Software Version : NONE
CCX Version       : NONE             Client MFP     : Off

State             : Drv_Add_In       Parent         : self
SSID              : nyu
VLAN              : 1231
Hops to Infra     : 1
Clients Associated: 0
Repeaters associated: 0

Address           : 78ca.39b4.fa0a    Name           : NONE
IP Address        : 0.0.0.0          Interface      : Dot11Radio 1
Device            : unknown          Software Version : NONE
CCX Version       : NONE             Client MFP     : Off

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State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1
Clients Associated: 0              Repeaters associated: 0

Address        : 78ca.39b5.d06c   Name            : NONE
IP Address     : 0.0.0.0           Interface       : Dot11Radio 1
Device         : unknown          Software Version : NONE
CCX Version    : NONE             Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1                Association Id   : 1
Clients Associated: 0              Repeaters associated: 0
Tunnel Address : 0.0.0.0
Key Mgmt type  : WPAv2            Encryption      : AES-CCMP
Current Rate   : m15              Capability      : WMM 11h
Supported Rates : 12.0 18.0 24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11. m12. m13. m14. m15.
Voice Rates    : disabled         Bandwidth       : 20 MHz
Signal Strength : -51 dBm         Connected for   : 167800 seconds
Signal to Noise : 50 dB           Activity Timeout : 60 seconds
Power-save     : Off              Last Activity   : 0 seconds ago
Apsd DE AC(s) : NONE

Packets Input  : 9716              Packets Output  : 9296
Bytes Input    : 1679275           Bytes Output    : 8766842
Duplicates Rcvd : 0                Data Retries    : 1302
Decrypt Failed : 0                 RTS Retries     : 0
MIC Failed     : 0                 MIC Missing     : 0
Packets Redirected: 0             Redirect Filtered: 0

Address        : 78ca.39b5.d38a   Name            : NONE
IP Address     : 0.0.0.0           Interface       : Dot11Radio 1
Device         : unknown          Software Version : NONE
CCX Version    : NONE             Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1
Clients Associated: 0              Repeaters associated: 0

Address        : 78ca.39b7.c6ff   Name            : NONE
IP Address     : 0.0.0.0           Interface       : Dot11Radio 1
Device         : unknown          Software Version : NONE
CCX Version    : NONE             Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1
Clients Associated: 0              Repeaters associated: 0

Address        : 78ca.39b9.8429   Name            : NONE
IP Address     : 0.0.0.0           Interface       : Dot11Radio 1
Device         : unknown          Software Version : NONE
CCX Version    : NONE             Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1
Clients Associated: 0              Repeaters associated: 0

Address        : 78ca.39b9.8926   Name            : NONE
IP Address     : 0.0.0.0           Interface       : Dot11Radio 1
Device         : unknown          Software Version : NONE
CCX Version    : NONE             Client MFP      : Off

State          : Drv_Add_In      Parent          : self
SSID           : nyu
VLAN           : 1231
Hops to Infra  : 1
Clients Associated: 0              Repeaters associated: 0
PMKIDs:
    239A6FB5EAE3471354F3ECBAF5CE45B9

Address        : 78ca.39ba.8d51   Name            : NONE
IP Address     : 0.0.0.0           Interface       : Dot11Radio 1
Device         : unknown          Software Version : NONE

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CCX Version      : NONE                Client MFP       : Off

State            : Drv_Add_In          Parent           : self
SSID             : nyu
VLAN             : 1231
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address          : 78ca.39be.0815     Name             : NONE
IP Address       : 0.0.0.0             Interface        : Dot11Radio 1
Device           : unknown            Software Version : NONE
CCX Version      : NONE                Client MFP       : Off

State            : Drv_Add_In          Parent           : self
SSID             : nyu
VLAN             : 1231
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address          : 78ca.39dc.32ec     Name             : NONE
IP Address       : 0.0.0.0             Interface        : Dot11Radio 1
Device           : unknown            Software Version : NONE
CCX Version      : NONE                Client MFP       : Off

State            : Drv_Add_In          Parent           : self
SSID             : nyu
VLAN             : 1231
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address          : 7c6d.62c1.83eb     Name             : NONE
IP Address       : 0.0.0.0             Interface        : Dot11Radio 1
Device           : unknown            Software Version : NONE
CCX Version      : NONE                Client MFP       : Off

State            : Drv_Add_In          Parent           : self
SSID             : nyu
VLAN             : 1231
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address          : 9027.e4f5.d6cf     Name             : NONE
IP Address       : 0.0.0.0             Interface        : Dot11Radio 1
Device           : unknown            Software Version : NONE
CCX Version      : NONE                Client MFP       : Off

State            : Drv_Add_In          Parent           : self
SSID             : nyu
VLAN             : 1231
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address          : 9027.e4fd.3fc9     Name             : NONE
IP Address       : 0.0.0.0             Interface        : Dot11Radio 1
Device           : unknown            Software Version : NONE
CCX Version      : NONE                Client MFP       : Off

State            : Drv_Add_In          Parent           : self
SSID             : nyu
VLAN             : 1231
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address          : c42c.03c7.89ae     Name             : NONE
IP Address       : 0.0.0.0             Interface        : Dot11Radio 1
Device           : unknown            Software Version : NONE
CCX Version      : NONE                Client MFP       : Off

State            : Drv_Add_In          Parent           : self
SSID             : nyu
VLAN             : 1231
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address          : c8bc.c807.6275     Name             : NONE
IP Address       : 0.0.0.0             Interface        : Dot11Radio 1
Device           : unknown            Software Version : NONE
CCX Version      : NONE                Client MFP       : Off

State            : Drv_Add_In          Parent           : self
SSID             : nyu
VLAN             : 1231
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

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Address      : c8bc.c834.4dcc      Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 1
Device       : unknown           Software Version : NONE
CCX Version  : NONE               Client MFP     : Off

State        : Drv_Add_In         Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0             Repeaters associated: 0

Address      : c8bc.c83d.642b     Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 1
Device       : unknown           Software Version : NONE
CCX Version  : NONE               Client MFP     : Off

State        : Drv_Add_In         Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0             Repeaters associated: 0

Address      : d49a.206d.e5c1     Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 1
Device       : unknown           Software Version : NONE
CCX Version  : NONE               Client MFP     : Off

State        : Drv_Add_In         Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0             Repeaters associated: 0

Address      : d49a.2072.2736     Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 1
Device       : unknown           Software Version : NONE
CCX Version  : NONE               Client MFP     : Off

State        : Drv_Add_In         Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0             Repeaters associated: 0

Address      : d49a.2076.d617     Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 1
Device       : unknown           Software Version : NONE
CCX Version  : NONE               Client MFP     : Off

State        : Drv_Add_In         Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0             Repeaters associated: 0

Address      : d830.626d.59d1     Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 1
Device       : unknown           Software Version : NONE
CCX Version  : NONE               Client MFP     : Off

State        : Drv_Add_In         Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0             Repeaters associated: 0

Address      : d830.6279.765d     Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 1
Device       : unknown           Software Version : NONE
CCX Version  : NONE               Client MFP     : Off

State        : Drv_Add_In         Parent         : self
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0             Repeaters associated: 0

Address      : d830.628b.c3af     Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 1
Device       : unknown           Software Version : NONE
CCX Version  : NONE               Client MFP     : Off

State        : Drv_Add_In         Parent         : self

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SSID          : nyu
VLAN          : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : d8a2.5e57.61f8
IP Address    : 0.0.0.0
Device        : unknown
CCX Version   : NONE
Name          : NONE
Interface     : Dot11Radio 1
Software Version : NONE
Client MFP    : Off

State        : Drv_Add_In
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : d8a2.5e6b.126d
IP Address    : 0.0.0.0
Device        : unknown
CCX Version   : NONE
Name          : NONE
Interface     : Dot11Radio 1
Software Version : NONE
Client MFP    : Off

State        : Drv_Add_In
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : d8a2.5e72.962a
IP Address    : 0.0.0.0
Device        : unknown
CCX Version   : NONE
Name          : NONE
Interface     : Dot11Radio 1
Software Version : NONE
Client MFP    : Off

State        : Drv_Add_In
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : d8a2.5e8b.bdab
IP Address    : 0.0.0.0
Device        : unknown
CCX Version   : NONE
Name          : NONE
Interface     : Dot11Radio 1
Software Version : NONE
Client MFP    : Off

State        : Drv_Add_In
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : e806.888e.f659
IP Address    : 0.0.0.0
Device        : unknown
CCX Version   : NONE
Name          : NONE
Interface     : Dot11Radio 1
Software Version : NONE
Client MFP    : Off

State        : Drv_Add_In
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : e806.888f.89e9
IP Address    : 0.0.0.0
Device        : unknown
CCX Version   : NONE
Name          : NONE
Interface     : Dot11Radio 1
Software Version : NONE
Client MFP    : Off

State        : Drv_Add_In
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : e806.888f.b179
IP Address    : 0.0.0.0
Device        : unknown
CCX Version   : NONE
Name          : NONE
Interface     : Dot11Radio 1
Software Version : NONE
Client MFP    : Off

State        : Drv_Add_In
SSID         : nyu
VLAN         : 1231
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : e806.889a.1f5e
IP Address    : 0.0.0.0
Device        : unknown
CCX Version   : NONE
Name          : NONE
Interface     : Dot11Radio 1
Software Version : NONE
Client MFP    : Off

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Device      : unknown          Software Version : NONE
CCX Version : NONE            Client MFP       : Off

State       : Drv_Add_In      Parent           : self
SSID        : nyu
VLAN        : 1231
Hops to Infra : 1
Clients Associated: 0          Repeaters associated: 0

Address     : e806.889c.9f78  Name             : NONE
IP Address  : 0.0.0.0         Interface        : Dot11Radio 1
Device      : unknown        Software Version : NONE
CCX Version : NONE            Client MFP       : Off

State       : Drv_Add_In      Parent           : self
SSID        : nyu
VLAN        : 1231
Hops to Infra : 1
Clients Associated: 0          Repeaters associated: 0

Address     : e806.88a6.ddc6  Name             : NONE
IP Address  : 0.0.0.0         Interface        : Dot11Radio 1
Device      : unknown        Software Version : NONE
CCX Version : NONE            Client MFP       : Off

State       : Drv_Add_In      Parent           : self
SSID        : nyu
VLAN        : 1231
Hops to Infra : 1
Clients Associated: 0          Repeaters associated: 0

Address     : f81e.dfd7.dfc3  Name             : NONE
IP Address  : 0.0.0.0         Interface        : Dot11Radio 1
Device      : unknown        Software Version : NONE
CCX Version : NONE            Client MFP       : Off

State       : Drv_Add_In      Parent           : self
SSID        : nyu
VLAN        : 1231
Hops to Infra : 1
Clients Associated: 0          Repeaters associated: 0

Address     : f81e.dfdc.0327  Name             : NONE
IP Address  : 0.0.0.0         Interface        : Dot11Radio 1
Device      : unknown        Software Version : NONE
CCX Version : NONE            Client MFP       : Off

State       : Drv_Add_In      Parent           : self
SSID        : nyu
VLAN        : 1231
Hops to Infra : 1
Clients Associated: 0          Repeaters associated: 0

Address     : f81e.dfe1.0ef5  Name             : NONE
IP Address  : 0.0.0.0         Interface        : Dot11Radio 1
Device      : unknown        Software Version : NONE
CCX Version : NONE            Client MFP       : Off

State       : Drv_Add_In      Parent           : self
SSID        : nyu
VLAN        : 1231
Hops to Infra : 1
Clients Associated: 0          Repeaters associated: 0

Address     : f81e.dfec.98fa  Name             : NONE
IP Address  : 0.0.0.0         Interface        : Dot11Radio 1
Device      : unknown        Software Version : NONE
CCX Version : NONE            Client MFP       : Off

State       : Drv_Add_In      Parent           : self
SSID        : nyu
VLAN        : 1231
Hops to Infra : 1
Clients Associated: 0          Repeaters associated: 0

Address     : f81e.dff1.8542  Name             : NONE
IP Address  : 0.0.0.0         Interface        : Dot11Radio 1
Device      : unknown        Software Version : NONE
CCX Version : NONE            Client MFP       : Off

State       : Drv_Add_In      Parent           : self
SSID        : nyu
VLAN        : 1231
Hops to Infra : 1

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Clients Associated: 0                               Repeaters associated: 0

Address      : 0016.ce81.a2ac                     Name           : NONE
IP Address   : 0.0.0.0                             Interface      : Dot11Radio 1
Device       : ccx-client                           Software Version : NONE
CCX Version  : 2                                    Client MFP     : Off

State        : Drv_Add_In                           Parent         : self
SSID         : nyuguest
VLAN         : 1232
Hops to Infra : 1                                  Association Id : 7
Clients Associated: 0                               Repeaters associated: 0
Tunnel Address : 0.0.0.0
Key Mgmt type : NONE                               Encryption     : Off
Current Rate  : 12.0                               Capability     :
Supported Rates : 12.0 18.0 24.0 36.0 48.0 54.0
Voice Rates   : disabled                           Bandwidth      : 20 MHz
Signal Strength : -80 dBm                          Connected for  : 164710 seconds
Signal to Noise : 21 dB                            Activity Timeout : 180 seconds
Power-save    : Off                                Last Activity  : 0 seconds ago
Apsd DE AC(s) : NONE

Packets Input : 1832                               Packets Output : 50
Bytes Input   : 66531                              Bytes Output   : 8335
Duplicates Rcvd : 5                                Data Retries   : 322
Decrypt Failed : 0                                RTS Retries    : 0
MIC Failed    : 0                                MIC Missing    : 0
Packets Redirected: 0                             Redirect Filtered: 0

Address      : 001b.63bf.c13f                       Name           : NONE
IP Address   : 0.0.0.0                             Interface      : Dot11Radio 1
Device       : unknown                             Software Version : NONE
CCX Version  : NONE                                Client MFP     : Off

State        : Drv_Add_In                           Parent         : self
SSID         : nyuguest
VLAN         : 1232
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 0021.e9d8.f058                       Name           : NONE
IP Address   : 0.0.0.0                             Interface      : Dot11Radio 1
Device       : unknown                             Software Version : NONE
CCX Version  : NONE                                Client MFP     : Off

State        : Drv_Add_In                           Parent         : self
SSID         : nyuguest
VLAN         : 1232
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 0021.e9df.d5b1                       Name           : NONE
IP Address   : 0.0.0.0                             Interface      : Dot11Radio 1
Device       : unknown                             Software Version : NONE
CCX Version  : NONE                                Client MFP     : Off

State        : Drv_Add_In                           Parent         : self
SSID         : nyuguest
VLAN         : 1232
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 0023.1209.8fe4                       Name           : NONE
IP Address   : 0.0.0.0                             Interface      : Dot11Radio 1
Device       : unknown                             Software Version : NONE
CCX Version  : NONE                                Client MFP     : Off

State        : Drv_Add_In                           Parent         : self
SSID         : nyuguest
VLAN         : 1232
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 0023.1253.6cb3                       Name           : NONE
IP Address   : 0.0.0.0                             Interface      : Dot11Radio 1
Device       : unknown                             Software Version : NONE
CCX Version  : NONE                                Client MFP     : Off

State        : Drv_Add_In                           Parent         : self
SSID         : nyuguest
VLAN         : 1232
Hops to Infra : 1                                  Association Id : 2
Clients Associated: 0                               Repeaters associated: 0
Tunnel Address : 0.0.0.0

```

```

Key Mgmt type      : NONE                Encryption       : AES-CCMP
Current Rate       : m15.                 Capability       : WMM 11h
Supported Rates    : 12.0 18.0 24.0 36.0 48.0 54.0 m0. m1. m2. m3. m4. m5. m6. m7. m8. m9. m10. m11. m12. m13. m14. m15.
Voice Rates        : disabled             Bandwidth        : 20 MHz
Signal Strength    : -56 dBm              Connected for    : 164791 seconds
Signal to Noise    : 45 dB                Activity Timeout : 60 seconds
Power-save         : Off                   Last Activity    : 0 seconds ago
Apsd DE AC(s)     : NONE

```

```

Packets Input      : 7503                 Packets Output   : 5787
Bytes Input        : 1288609              Bytes Output     : 5113239
Duplicates Rcvd    : 0                   Data Retries     : 4954
Decrypt Failed     : 0                   RTS Retries      : 0
MIC Failed         : 0                   MIC Missing      : 0
Packets Redirected: 0                   Redirect Filtered: 0

```

```

Address           : 0023.1256.5573        Name              : NONE
IP Address        : 0.0.0.0               Interface         : Dot11Radio 1
Device           : unknown               Software Version  : NONE
CCX Version       : NONE                  Client MFP        : Off

```

```

State             : Drv_Add_In            Parent            : self
SSID              : nyuguest
VLAN              : 1232
Hops to Infra     : 1
Clients Associated: 0                    Repeaters associated: 0

```

```

Address           : 0023.7af9.2755        Name              : NONE
IP Address        : 0.0.0.0               Interface         : Dot11Radio 1
Device           : ccx-client             Software Version  : NONE
CCX Version       : 4                     Client MFP        : Off

```

```

State             : Drv_Add_In            Parent            : self
SSID              : nyuguest
VLAN              : 1232
Hops to Infra     : 1
Clients Associated: 0                    Repeaters associated: 0

```

```

Address           : 0024.36b6.3298        Name              : NONE
IP Address        : 0.0.0.0               Interface         : Dot11Radio 1
Device           : unknown               Software Version  : NONE
CCX Version       : NONE                  Client MFP        : Off

```

```

State             : Drv_Add_In            Parent            : self
SSID              : nyuguest
VLAN              : 1232
Hops to Infra     : 1
Clients Associated: 0                    Repeaters associated: 0

```

```

Address           : 0025.4b91.6920        Name              : NONE
IP Address        : 0.0.0.0               Interface         : Dot11Radio 1
Device           : unknown               Software Version  : NONE
CCX Version       : NONE                  Client MFP        : Off

```

```

State             : Drv_Add_In            Parent            : self
SSID              : nyuguest
VLAN              : 1232
Hops to Infra     : 1
Clients Associated: 0                    Repeaters associated: 0

```

```

Address           : 0026.bb09.b5f1        Name              : NONE
IP Address        : 0.0.0.0               Interface         : Dot11Radio 1
Device           : unknown               Software Version  : NONE
CCX Version       : NONE                  Client MFP        : Off

```

```

State             : Drv_Add_In            Parent            : self
SSID              : nyuguest
VLAN              : 1232
Hops to Infra     : 1
Clients Associated: 0                    Repeaters associated: 0

```

```

Address           : 0026.bb11.8d6d        Name              : NONE
IP Address        : 0.0.0.0               Interface         : Dot11Radio 1
Device           : unknown               Software Version  : NONE
CCX Version       : NONE                  Client MFP        : Off

```

```

State             : Drv_Add_In            Parent            : self
SSID              : nyuguest
VLAN              : 1232
Hops to Infra     : 1
Clients Associated: 0                    Repeaters associated: 0

```

```

Address           : 0026.bb12.6a0e        Name              : NONE
IP Address        : 0.0.0.0               Interface         : Dot11Radio 1

```

```

Device          : unknown          Software Version : NONE
CCX Version     : NONE             Client MFP      : Off

State          : Drv_Add_In        Parent           : self
SSID           : nyuguest
VLAN           : 1232
Hops to Infra  : 1
Clients Associated: 0              Repeaters associated: 0

Address        : 0026.bb17.349a    Name             : NONE
IP Address     : 0.0.0.0            Interface        : Dot11Radio 1
Device         : unknown           Software Version : NONE
CCX Version    : NONE              Client MFP      : Off

State          : Drv_Add_In        Parent           : self
SSID           : nyuguest
VLAN           : 1232
Hops to Infra  : 1
Clients Associated: 0              Repeaters associated: 0

Address        : 6033.4b18.1a8b    Name             : NONE
IP Address     : 0.0.0.0            Interface        : Dot11Radio 1
Device         : unknown           Software Version : NONE
CCX Version    : NONE              Client MFP      : Off

State          : Drv_Add_In        Parent           : self
SSID           : nyuguest
VLAN           : 1232
Hops to Infra  : 1
Clients Associated: 0              Repeaters associated: 0

Address        : 78ca.39b5.38a2    Name             : NONE
IP Address     : 0.0.0.0            Interface        : Dot11Radio 1
Device         : unknown           Software Version : NONE
CCX Version    : NONE              Client MFP      : Off

State          : Drv_Add_In        Parent           : self
SSID           : nyuguest
VLAN           : 1232
Hops to Infra  : 1
Clients Associated: 0              Repeaters associated: 0

Address        : d49a.2070.3e1e    Name             : NONE
IP Address     : 0.0.0.0            Interface        : Dot11Radio 1
Device         : unknown           Software Version : NONE
CCX Version    : NONE              Client MFP      : Off

State          : Drv_Add_In        Parent           : self
SSID           : nyuguest
VLAN           : 1232
Hops to Infra  : 1
Clients Associated: 0              Repeaters associated: 0

Address        : d8a2.5e92.deb8    Name             : NONE
IP Address     : 0.0.0.0            Interface        : Dot11Radio 1
Device         : unknown           Software Version : NONE
CCX Version    : NONE              Client MFP      : Off

State          : Drv_Add_In        Parent           : self
SSID           : nyuguest
VLAN           : 1232
Hops to Infra  : 1
Clients Associated: 0              Repeaters associated: 0

Address        : f81e.dfea.5a73    Name             : NONE
IP Address     : 0.0.0.0            Interface        : Dot11Radio 1
Device         : unknown           Software Version : NONE
CCX Version    : NONE              Client MFP      : Off

State          : Drv_Add_In        Parent           : self
SSID           : nyuguest
VLAN           : 1232
Hops to Infra  : 1
Clients Associated: 0              Repeaters associated: 0

Address        : 001e.c2b2.c070    Name             : NONE
IP Address     : 0.0.0.0            Interface        : Dot11Radio 1
Device         : unknown           Software Version : NONE
CCX Version    : NONE              Client MFP      : Off

State          : Assoc             Parent           : self
SSID           : nyupda
VLAN           : 1234
Hops to Infra  : 1

```

```

Clients Associated: 0                               Repeaters associated: 0

Address      : 0023.7ac8.e732                     Name          : NONE
IP Address   : 0.0.0.0                             Interface     : Dot11Radio 1
Device       : ccx-client                           Software Version : NONE
CCX Version  : 4                                    Client MFP    : Off

State        : Drv_Add_In                           Parent         : self
SSID         : nyupda
VLAN         : 1234
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 0024.36af.5141                     Name          : NONE
IP Address   : 0.0.0.0                             Interface     : Dot11Radio 1
Device       : unknown                               Software Version : NONE
CCX Version  : NONE                                  Client MFP    : Off

State        : Drv_Add_In                           Parent         : self
SSID         : nyupda
VLAN         : 1234
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : f81e.dfda.3541                     Name          : NONE
IP Address   : 0.0.0.0                             Interface     : Dot11Radio 1
Device       : unknown                               Software Version : NONE
CCX Version  : NONE                                  Client MFP    : Off

State        : Drv_Add_In                           Parent         : self
SSID         : nyupda
VLAN         : 1234
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 001d.4fcc.598d                     Name          : NONE
IP Address   : 172.27.52.221                       Interface     : Dot11Radio 0
Device       : unknown                               Software Version : NONE
CCX Version  : NONE                                  Client MFP    : Off

State        : Assoc                                Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

Address      : 2ca8.3573.44b8                     Name          : NONE
IP Address   : 172.27.55.14                         Interface     : Dot11Radio 0
Device       : ccx-client                           Software Version : NONE
CCX Version  : 4                                    Client MFP    : Off

State        : Assoc                                Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0
Tunnel Address : 0.0.0.0
Key Mgmt type : NONE                               Encryption    : Off
Current Rate  : 6.0                               Capability    : WMM ShortHdr ShortSlot
Supported Rates : 11.0 6.0 9.0 12.0 18.0 24.0 36.0 48.0 54.0
Voice Rates   : disabled                           Bandwidth     : 20 MHz
Signal Strength : -79 dBm                          Connected for : 164917 seconds
Signal to Noise : 10 dB                             Activity Timeout : -15 seconds
Power-save    : On                                  Last Activity  : 195 seconds ago
Apsd DE AC(s) : BK BE VI VO

Packets Input : 193                                Packets Output : 122
Bytes Input   : 14975                              Bytes Output   : 11131
Duplicates Rcvd : 7                                Data Retries   : 359
Decrypt Failed : 0                                  RTS Retries    : 0
MIC Failed    : 0                                  MIC Missing    : 0
Packets Redirected: 0                               Redirect Filtered: 0

Address      : 58b0.355a.9422                     Name          : NONE
IP Address   : 0.0.0.0                             Interface     : Dot11Radio 0
Device       : unknown                               Software Version : NONE
CCX Version  : NONE                                  Client MFP    : Off

State        : Assoc                                Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0                               Repeaters associated: 0

```



```

Address      : 5c59.4839.4c35      Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 0
Device       : unknown            Software Version : NONE
CCX Version  : NONE                Client MFP     : Off

State        : Assoc              Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0              Repeaters associated: 0

Address      : 5c59.4845.c8f0      Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 0
Device       : unknown            Software Version : NONE
CCX Version  : NONE                Client MFP     : Off

State        : Assoc              Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0              Repeaters associated: 0

Address      : 5c59.484c.0f34      Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 0
Device       : unknown            Software Version : NONE
CCX Version  : NONE                Client MFP     : Off

State        : Assoc              Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0              Repeaters associated: 0

Address      : 6033.4bdd.69b9      Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 0
Device       : unknown            Software Version : NONE
CCX Version  : NONE                Client MFP     : Off

State        : Assoc              Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0              Repeaters associated: 0

Address      : 7cc5.3763.f614      Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 0
Device       : unknown            Software Version : NONE
CCX Version  : NONE                Client MFP     : Off

State        : Assoc              Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0              Repeaters associated: 0

Address      : 7cc5.377e.16c6      Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 0
Device       : unknown            Software Version : NONE
CCX Version  : NONE                Client MFP     : Off

State        : Assoc              Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0              Repeaters associated: 0

Address      : 9027.e434.64da      Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 0
Device       : unknown            Software Version : NONE
CCX Version  : NONE                Client MFP     : Off

State        : Assoc              Parent         : self
SSID         : NYU-ROAM3
VLAN         : 1233
Hops to Infra : 1
Clients Associated: 0              Repeaters associated: 0

Address      : 0021.06e8.8861      Name           : NONE
IP Address   : 0.0.0.0             Interface      : Dot11Radio 0
Device       : ccx-client          Software Version : NONE
CCX Version  : 4                   Client MFP     : Off

State        : Assoc              Parent         : self
SSID         : nyuquest

```

```

VLAN          : 1232
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : 307c.301d.082b   Name          : NONE
IP Address    : 0.0.0.0           Interface     : Dot11Radio 0
Device        : ccx-client        Software Version : NONE
CCX Version   : 4                 Client MFP    : Off

State         : Assoc            Parent         : self
SSID          : nyuguest
VLAN          : 1232
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : 307c.30d1.5377   Name          : NONE
IP Address    : 0.0.0.0           Interface     : Dot11Radio 0
Device        : ccx-client        Software Version : NONE
CCX Version   : 4                 Client MFP    : Off

State         : Assoc            Parent         : self
SSID          : nyuguest
VLAN          : 1232
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : cc08.e05c.5c09   Name          : NONE
IP Address    : 0.0.0.0           Interface     : Dot11Radio 0
Device        : unknown          Software Version : NONE
CCX Version   : NONE             Client MFP    : Off

State         : Assoc            Parent         : self
SSID          : nyuguest
VLAN          : 1232
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : cc08.e066.6655   Name          : NONE
IP Address    : 172.30.13.101     Interface     : Dot11Radio 0
Device        : unknown          Software Version : NONE
CCX Version   : NONE             Client MFP    : Off

State         : Assoc            Parent         : self
SSID          : nyuguest
VLAN          : 1232
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : f81e.df74.de41   Name          : NONE
IP Address    : 0.0.0.0           Interface     : Dot11Radio 0
Device        : unknown          Software Version : NONE
CCX Version   : NONE             Client MFP    : Off

State         : Assoc            Parent         : self
SSID          : nyuguest
VLAN          : 1232
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : 001c.cce3.55a0   Name          : NONE
IP Address    : 0.0.0.0           Interface     : Dot11Radio 0
Device        : ccx-client        Software Version : NONE
CCX Version   : 4                 Client MFP    : Off

State         : Assoc            Parent         : self
SSID          : nyupda
VLAN          : 1234
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : 58b0.356d.17f2   Name          : NONE
IP Address    : 0.0.0.0           Interface     : Dot11Radio 0
Device        : unknown          Software Version : NONE
CCX Version   : NONE             Client MFP    : Off

State         : Assoc            Parent         : self
SSID          : nyupda
VLAN          : 1234
Hops to Infra : 1
Clients Associated: 0
Repeaters associated: 0

Address       : cc08.e03a.17bd   Name          : NONE
IP Address    : 0.0.0.0           Interface     : Dot11Radio 0
Device        : unknown          Software Version : NONE

```

```

CCX Version      : NONE                Client MFP       : Off
State           : Assoc                Parent          : self
SSID            : nyupda
VLAN            : 1234
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

Address         : cc08.e042.4d0a       Name            : NONE
IP Address      : 0.0.0.0               Interface       : Dot11Radio 0
Device         : unknown                Software Version : NONE
CCX Version     : NONE                  Client MFP      : Off

State           : Assoc                Parent          : self
SSID            : nyupda
VLAN            : 1234
Hops to Infra   : 1
Clients Associated: 0                  Repeaters associated: 0

```

```
----- show wlccp ap mobility traffic -----
```

```
----- show wlccp ap mobility forwarding -----
```

```
----- show crypto key mypubkey rsa -----
```

```

% Key pair was generated at: 09:17:22 EDT Oct 8 2010
Key name: ap7e-kimmel.wireless.net.nyu.edu
Usage: General Purpose Key
Key is exportable.
Key Data:
30819F30 0D06092A 864886F7 0D010101 05000381 8D003081 89028181 00CDA925
D39A3E5C 6D8B2905 5800EB3D 84D5FB6D D6DC48F1 22177112 68194713 58F48FB1
BCF2B20C 2D650093 7D9ADB29 1B412D03 CE1E3B2E 365CD59B CBD915E8 F06E88EE
B0CEB017 A103641B 17A69504 6F477FA2 4863686A E71493E3 4C0CCDEE 02D6F76D
469C96A9 3F3BD0B2 786F9755 108EEFDF 95A02133 F812FA21 B29A91CF AF020301 0001
% Key pair was generated at: 10:20:44 EDT Oct 14 2010
Key name: ap7e-kimmel.wireless.net.nyu.edu.server
Usage: Encryption Key
Key is not exportable.
Key Data:
307C300D 06092A86 4886F70D 01010105 00036B00 30680261 009D00D5 F8A3132A
B7CA6372 4480085B 7D2F0F89 8D272979 3EFD0C14 230AD688 AF3E2F24 F0F71B24
D319F489 924666C8 21DA4DD7 8679C954 9B160C09 3A689006 E5ED5DBB C57A195F
478ED06D 05205BEF 817C3084 3E88CF61 61A42EB9 9D114229 AB020301 0001

```

```
----- show inventory -----
```

```

NAME: "AP1140", DESCR: "Cisco Aironet 1140 Series (IEEE 802.11n) Access Point"
PID: AIR-LAP1142N-A-K9 , VID: V03, SN: FTX1418S209

```

```
----- Mempool statistics -----
```

	Head	Total(b)	Used(b)	Free(b)	Lowest(b)	Largest(b)
Processor	D833C4	86484028	7642264	78841764	77602332	77396044
I/O	6000000	16777216	6118328	10658888	10491636	10658888
I/O	7000000	16777216	12036	16765180	16765180	16765128

```
----- Top 100 allocator pc summary -----
```

```
Allocator PC Summary for: Processor
```

PC	Total	Count	Name
0x000FDE44	2086200	2318	*Packet Header*
0x001AD2B8	779096	98	Process Stack
0x001B25E0	393528	6	MallocLite
0x005130CC	318312	2	802.11 driver Instance
0x0056365C	196764	3	Dot11 Mgmt Sta
0x00514304	196588	1	Init
0x00312A98	170884	17	Flashfs Sector
0x0019628C	147924	9	TW Buckets
0x00875160	88736	1163	Init
0x0021EDC8	87264	72	TCP CB
0x00197064	85640	2	pak subblock chunk
0x0052FA90	78156	1	dot11drvrvr clie
0x0043BFE8	77252	1	Spanning Tree Opt Port Block

0x0007E89C	74868	17	TTY data
0x001755DC	73344	96	Process
0x001C1E34	65588	1	Memory RO RU Chunks
0x001C1F78	65588	1	Memory RO RU Index Chunks
0x001A7908	65588	1	CPU RO RU Chunks
0x0011B700	65588	1	Buffer RO RU Chunks
0x0011B728	65588	1	Buffer RU Notify Chunks
0x0011B410	65588	1	Buffer Display Chunks
0x0009F0C0	65588	1	Parseinfo Blocks
0x00137644	65588	1	IDB List Element Chunks
0x00535654	65588	1	dot1ldrvr clients
0x00553C04	65588	1	Dot1l Pmkid Record Chunks
0x00564A14	65588	1	Dot1l Mgmt Station Chunk
0x0001449C	65588	1	AAA DB Chunk
0x005B4858	65588	1	Dot1l Network Map Chunk
0x0017D54C	62364	227	Init
0x00495778	60076	1	BTE Entries
0x00531074	56796	27	dot1ldrvr asso
0x00090648	49628	3	Init
0x000DD038	49204	1	HTTP CP
0x001828D8	40104	2	RMI-RO RU Chun
0x005419CC	39952	110	AAA Interface Struct
0x000F5EA0	32824	1	Init
0x0009F138	32820	1	Parse Nodes
0x00513BF4	32820	1	dot1l call control events data
0x00566E8C	32820	1	Dot1l Mgmt SSID Chunk
0x00566EC4	32820	1	Dot1l Mgmt SSID Config. Chunk
0x0002A414	32820	1	AAA SG ID table
0x0015AF48	32820	1	AAA mlist ID table
0x00480ED8	32820	1	.lQ[Tree Nodes]
0x004949C0	32508	7	tbridgetype
0x005E2A6C	26716	2	dot1l auth client chunk
0x0009A630	26452	1	PM Event Pool
0x00107E74	25460	19	*Software IDB*
0x0050E164	24192	24	Dot1l driver
0x00541898	22968	22	Dot1l Mgmt & Assoc Input Process
0x0049E970	22596	21	SMF filter
0x00192B3C	21364	7	Keepalive
0x0016DDD4	20104	2	List Elements
0x000A46F4	20056	262	Parser Linkage
0x001C2CB0	20052	1	Managed Chunk Queue Elements
0x00181138	20052	1	RMI-RO RU Chunks
0x00181160	20052	1	RMI-RO RG Chunks
0x0018127C	20052	1	RMI-RU Chunks
0x005C06C4	20052	1	wlan_ip_mcast_record
0x00018694	20052	1	AAA Acct DB chunk
0x000E889C	19732	1	Init
0x001784AC	19016	96	Process Events
0x00106F4C	17832	6	*Hardware IDB*
0x0049EB3C	17488	215	SMF entry
0x007ADF1C	17280	16	Index Table Block
0x003C156C	16704	1	SNMP trapObjectSyntax Pool
0x007E88E8	16072	2	Marvell specific structure members
0x00177E64	12040	2	Watched Semaph
0x003129B4	11400	150	soap_flash init
0x00375CE0	10432	2	dhcpc_lq_chunk
0x0017D100	10260	5	Reg Function 1
0x0016F270	10052	1	List Elements
0x0017AA98	10052	1	Watched Queue
0x0017AAC0	10052	1	Watched Boolean
0x0017AAE8	10052	1	Watched Bitfield
0x001812E4	10052	1	RMI-RG Chunks
0x00103B68	10052	1	Packet Elements Cache
0x00103B94	10052	1	Packet Elements
0x002CB3BC	10052	1	Pathents for parsing
0x002CB3E4	10052	1	TTY Pathents for parsing
0x00317D98	10052	1	Flashfs Sector Pointers
0x005356E4	10052	1	dot1l cc info
0x00155C58	10052	1	AAA chunk
0x005BF7AC	10052	1	wlan_ip_mcast_host
0x005BF7E8	10052	1	wlan_ip_mcast_domain
0x002A9E94	10052	1	IPTRACE probe chunks
0x003C880C	10052	1	SNMP SMALL CHUNK
0x003C8854	10052	1	SNMP MEDIUM CHUNK
0x002C33B8	10052	1	Time Range Entry Chunks
0x000E7EFC	10052	1	Init
0x000E7F34	10052	1	Init
0x005E757C	10052	1	DDP UDP tx Chunk
0x0001A598	10052	1	AAA Acct Rec chunk
0x0034220C	10052	1	Resp. Wait Chunks
0x00480F0C	10052	1	.lQ[Tree Headers]
0x00480F40	10052	1	.lQ[Array Headers]
0x000E891C	9920	80	Init
0x0036A0B0	9652	1	NET ACCT LISTS

0x0036A0EC	9652	1	SYS ACCT LISTS
0x0003A72C	8852	1	PPP ACC LISTS
0x004FFC70	8680	2	Init

## Allocator PC Summary for: I/O

PC	Total	Count	Name
0x000FDE94	6118276	2317	*Packet Data*

## Allocator PC Summary for: I/O

PC	Total	Count	Name
0x007E8944	7248	2	marvell firmware
0x005CD82C	2152	2	ether bd
0x007E8958	1240	2	marvell cmd log 0
0x007E896C	1240	2	marvell cmd log 1

## ----- show region -----

## Region Manager:

Start	End	Size(b)	Class	Media	Name
0x00000000	0x05FFD7FF	100653056	Local	R/W	main
0x00004000	0x008CFFFF	9224192	IText	R/W	main:text
0x008D0000	0x00BC3B6F	3095408	IData	R/W	main:data
0x00BC3B70	0x00D833BF	1833040	IBss	R/W	main:bss
0x00D833C4	0x05FFD7FF	86484028	Local	R/W	main:heap
0x06000000	0x06FFFFFF	16777216	Iomem	R/W	iomem
0x07000000	0x07FFFFFF	16777216	Iomem	R/W	iomem2

## Free Region Manager:

Start	End	Size(b)	Class	Media	Name
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## ----- show buffers -----

## Buffer elements:

1100 in free list (1119 max allowed)  
8227901 hits, 0 misses, 619 created

## Public buffer pools:

## Small buffers, 104 bytes (total 128, permanent 128):

119 in free list (20 min, 256 max allowed)  
2767489 hits, 0 misses, 0 trims, 0 created  
0 failures (0 no memory)

## Middle buffers, 600 bytes (total 128, permanent 128, peak 335 @ 1d22h):

107 in free list (10 min, 256 max allowed)  
3023854 hits, 93 misses, 251 trims, 251 created  
0 failures (0 no memory)

## Big buffers, 1536 bytes (total 128, permanent 128):

128 in free list (5 min, 256 max allowed)  
180321 hits, 0 misses, 0 trims, 0 created  
0 failures (0 no memory)

## VeryBig buffers, 4520 bytes (total 256, permanent 256):

255 in free list (0 min, 256 max allowed)  
4126 hits, 0 misses, 0 trims, 0 created  
0 failures (0 no memory)

## Large buffers, 5024 bytes (total 0, permanent 0):

0 in free list (0 min, 5 max allowed)  
0 hits, 0 misses, 0 trims, 0 created  
0 failures (0 no memory)

## Huge buffers, 18024 bytes (total 0, permanent 0):

0 in free list (0 min, 2 max allowed)  
0 hits, 0 misses, 0 trims, 0 created  
0 failures (0 no memory)

## Interface buffer pools:

## Wlan Pool buffers, 2500 bytes (total 1677, permanent 1677):

573 in free list (0 min, 1677 max allowed)  
265937 hits, 0 fallbacks  
838 max cache size, 648 in cache  
146538552 hits in cache, 0 misses in cache

## Header pools:

