

ITU-ShowNet1#sh tech

----- show version -----

Cisco Internetwork Operating System Software
IOS (tm) GS Software (RSP-PV-M), Version 11.1(18)CA1, EARLY DEPLOYMENT
RELEASE SOFTWARE (fc1)

Synced to mainline version: 11.1(18)
Copyright (c) 1986-1998 by cisco Systems, Inc.
Compiled Tue 21-Apr-98 17:25 by richardd
Image text-base: 0x60010900, data-base: 0x607B4000

ROM: System Bootstrap, Version 11.1(2) [nitin 2], RELEASE SOFTWARE (fc1)
ROM: GS Software (RSP-B00T-M), Version 11.1(18)CA, EARLY DEPLOYMENT
RELEASE SOFTWARE (fc1)

ITU-ShowNet1 uptime is 5 days, 16 hours, 4 minutes
System restarted by reload at 23:46:55 SA Sun May 3 1998
System image file is "slot0:rsp-pv-mz_111-18_CA1.bin", booted via slot0

cisco RSP2 (R4600) processor with 131072K/2072K bytes of memory.
R4600 processor, Implementation 32, Revision 2.0

Last reset from power-on

G.703/E1 software, Version 1.0.

G.703/JT2 software, Version 1.0.

X.25 software, Version 2.0, NET2, BFE and GOSIP compliant.

Chassis Interface.

1 EIP controller (6 Ethernet).

3 VIP2 controllers (2 FastEthernet) (8 Ethernet) (8 Serial).

14 Ethernet/IEEE 802.3 interfaces.

2 FastEthernet/IEEE 802.3 interfaces.

8 Serial network interfaces.

123K bytes of non-volatile configuration memory.

20480K bytes of Flash PCMCIA card at slot 0 (Sector size 128K).

8192K bytes of Flash internal SIMM (Sector size 256K).

Slave in slot 3 is running Cisco Internetwork Operating System Software
IOS (tm) GS Software (RSP-DW-M), Version 11.1(18)CA1, EARLY DEPLOYMENT
RELEASE SOFTWARE (fc1)

Synced to mainline version: 11.1(18)

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Compiled Tue 21-Apr-98 17:48 by richardd

Slave: Loaded from system

Slave: cisco RSP2 (R4700) processor with 131072K bytes of memory.

Configuration register is 0x2102

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

Building configuration...

Current configuration:

```
!  
! Last configuration change at 14:08:03 SA Sat May 9 1998C by barry  
! NVRAM config last updated at 18:04:57 SA Thu May 7 1998C  
!  
version 11.1  
no service finger  
service nagle  
no service pad  
service timestamps debug datetime msec  
service timestamps log datetime msec  
service password-encryption  
service compress-config  
no service udp-small-servers  
no service tcp-small-servers  
!  
hostname ITU-ShowNet1  
!  
clock timezone SA 2  
aaa new-model  
aaa authentication login Africa98 local  
enable secret 5 <removed>  
!  
username Cisco1 password 7 08204A5A5041  
username Barry password 7 060B0E355E4711  
username fan password 7 104F0F0D5C4F  
ip subnet-zero  
no ip source-route  
ip spd enable  
ip wccp enable  
!  
interface Loopback0  
  description BGP Loopback Address  
  ip address 209.58.48.1 255.255.255.255  
  no ip redirects  
  no ip directed-broadcast  
  no ip proxy-arp  
  transmit-buffers backing-store  
!  
interface FastEthernet0/0/0  
  description Internet Cafe Link to CAT 5000  
  ip address 209.58.58.1 255.255.255.0 secondary  
  ip address 209.58.59.1 255.255.255.0 secondary  
  ip address 209.58.48.33 255.255.255.224 secondary  
  ip address 209.58.53.65 255.255.255.192 secondary  
  ip address 209.58.54.1 255.255.255.240 secondary  
  ip address 209.58.54.129 255.255.255.240 secondary  
  ip address 209.58.49.1 255.255.255.0  
  no ip redirects  
  no ip directed-broadcast  
  no ip proxy-arp  
!  
interface Ethernet0/1/0  
  description Server LAN
```

```

no ip address
shutdown
!
interface Ethernet0/1/1
description Hall 9
ip address 209.58.55.1 255.255.255.0 secondary
ip address 209.58.62.1 255.255.255.0
ip helper-address 209.58.49.4
no ip redirects
no ip directed-broadcast
no ip proxy-arp
!
interface Ethernet0/1/2
description Hall 5 to Cisco 1500 at ITU Stand
ip address 209.58.57.1 255.255.255.0 secondary
ip address 209.58.56.1 255.255.255.0 secondary
ip address 209.58.53.1 255.255.255.192
ip helper-address 209.58.49.4
no ip redirects
no ip directed-broadcast
no ip proxy-arp
!
interface Ethernet0/1/3
description Hall 7 & 8; Wireless Backbone; Wireless 7 & 8; Easylink
Asymmetric
ip address 209.58.61.1 255.255.255.0 secondary
ip address 209.58.60.1 255.255.255.224 secondary
ip address 195.40.223.1 255.255.255.0 secondary
ip address 209.58.60.129 255.255.255.128
ip helper-address 209.58.49.4
!
interface Serial4/0/0
no ip address
no ip redirects
no ip directed-broadcast
no ip proxy-arp
ip route-cache flow
no ip route-cache optimum
shutdown
!
interface Serial4/0/1
description Teleglobe #1
ip address 207.45.203.222 255.255.255.252
no ip redirects
no ip directed-broadcast
no ip proxy-arp
ip web-cache redirect
ip route-cache flow
no ip route-cache optimum
!
interface Serial4/0/2
description France Telecom 2 Mbps
ip address 195.101.31.1 255.255.255.252
no ip redirects

```

```

no ip directed-broadcast
no ip proxy-arp
ip web-cache redirect
ip route-cache flow
no ip route-cache optimum
keepalive 60
!
interface Serial4/0/3
description 256 Kbps Link directly to France Telecom's Booth
ip address 195.101.31.5 255.255.255.252
no ip redirects
no ip directed-broadcast
no ip proxy-arp
keepalive 60
!
interface Serial4/1/0
description 2 Mbps to SAIX
ip address 196.25.244.138 255.255.255.252
no ip redirects
no ip directed-broadcast
no ip proxy-arp
ip web-cache redirect
ip route-cache flow
no ip route-cache optimum
!
interface Serial4/1/1
description 2Mbps to Teleglobe #2
ip address 207.45.203.218 255.255.255.252
no ip redirects
no ip directed-broadcast
no ip proxy-arp
ip web-cache redirect
ip route-cache flow
no ip route-cache optimum
!
interface Serial4/1/2
description TELEGLOBE ASYMM RECEIVE
transmit-interface Serial4/1/3
ip unnumbered Serial4/1/3
ip route-cache flow
no ip route-cache optimum
load-interval 30
!
interface Serial4/1/3
description TELEGLOBE ASYMM TRANSMIT
ip address 207.45.203.214 255.255.255.252
ip web-cache redirect
ip route-cache flow
no ip route-cache optimum
load-interval 30
no keepalive
!
interface FastEthernet5/0/0
description Cache Engine, Hall 6 Ethernet, & Hall 6 Wireless

```

```
no ip address
ip helper-address 209.58.49.4
no ip redirects
no ip directed-broadcast
no ip proxy-arp
ip route-cache distributed
full-duplex
!
interface Ethernet5/1/0
description Internet Cafe PCs
ip address 209.58.53.129 255.255.255.192
ip helper-address 209.58.49.4
no ip redirects
no ip directed-broadcast
no ip proxy-arp
!
interface Ethernet5/1/1
no ip address
shutdown
!
interface Ethernet5/1/2
no ip address
shutdown
!
interface Ethernet5/1/3
no ip address
shutdown
!
interface Ethernet6/0
no ip address
shutdown
!
interface Ethernet6/1
no ip address
shutdown
!
interface Ethernet6/2
no ip address
shutdown
!
interface Ethernet6/3
no ip address
shutdown
!
interface Ethernet6/4
no ip address
shutdown
!
interface Ethernet6/5
no ip address
shutdown
!
router bgp 8414
no synchronization
```

```

network 209.58.48.0 mask 255.255.240.0
network 195.101.31.0
neighbor 195.101.31.2 remote-as 5511
neighbor 195.101.31.2 version 4
neighbor 195.101.31.2 soft-reconfiguration inbound
neighbor 195.101.31.2 distribute-list 12 out
neighbor 195.101.31.2 route-map France_Telecom out
neighbor 196.25.244.137 remote-as 5713
neighbor 196.25.244.137 version 4
neighbor 196.25.244.137 soft-reconfiguration inbound
neighbor 196.25.244.137 distribute-list 11 out
neighbor 196.25.244.137 route-map SAIX out
neighbor 207.45.203.213 remote-as 6453
neighbor 207.45.203.213 version 4
neighbor 207.45.203.213 soft-reconfiguration inbound
neighbor 207.45.203.213 distribute-list 11 out
neighbor 207.45.203.213 route-map Teleglobe out
neighbor 207.45.203.253 remote-as 6453
neighbor 207.45.203.253 ebgp-multi-hop 255
neighbor 207.45.203.253 update-source Loopback0
neighbor 207.45.203.253 version 4
neighbor 207.45.203.253 soft-reconfiguration inbound
neighbor 207.45.203.253 distribute-list 11 out
neighbor 207.45.203.253 route-map Teleglobe out
no auto-summary
!
ip name-server 196.25.69.2
ip name-server 196.25.1.1
ip classless
ip route 195.101.31.0 255.255.255.0 Null0
ip route 195.101.31.128 255.255.255.128 Serial4/0/3
ip route 207.45.203.253 255.255.255.255 Serial4/0/1
ip route 207.45.203.253 255.255.255.255 Serial4/1/1
ip route 209.58.48.0 255.255.240.0 Null0
ip route 209.58.60.32 255.255.255.224 209.58.60.3
ip route 209.58.60.64 255.255.255.224 209.58.60.3
ip as-path access-list 1 deny ^6453_
ip as-path access-list 1 deny ^5713_
ip as-path access-list 1 permit .*
ip as-path access-list 2 deny ^6453_
ip as-path access-list 2 deny ^5511_
ip as-path access-list 2 permit .*
ip as-path access-list 3 deny ^5511_
ip as-path access-list 3 deny ^5713_
ip as-path access-list 3 permit .*
ip as-path access-list 21 permit _8414^
ip as-path access-list 21 deny all
logging buffered 16384
logging trap alerts
access-list 5 permit 195.101.31.2
access-list 5 permit 196.25.1.1
access-list 11 permit 209.58.48.0 0.0.15.255
access-list 11 deny any
access-list 12 permit 209.58.48.0 0.0.15.255

```

```

access-list 12 permit 195.101.31.0 0.0.0.255
access-list 12 deny any
access-list 25 permit 207.45.203.217
access-list 25 permit 207.45.203.221
access-list 25 permit 209.58.48.0 0.0.15.255
access-list 25 permit 171.68.0.0 0.0.255.255
access-list 25 permit 171.69.0.0 0.0.255.255
access-list 25 permit 171.70.0.0 0.0.255.255
access-list 25 permit 171.71.0.0 0.0.255.255
access-list 25 deny any
access-list 98 permit 209.58.49.3
access-list 98 permit 209.58.49.6
access-list 98 permit 209.58.49.4
access-list 98 deny any
route-map SAIX permit 10
  match as-path 2
!
route-map France_Telecom permit 10
  match as-path 1
!
route-map PREPEND_MAP permit 10
  set as-path prepend 8414 8414
!
route-map Teleglobe permit 10
  match as-path 3
!
!
snmp-server community <removed> RO 98
snmp-server trap-source Loopback0
snmp-server trap-authentication
snmp-server location Africa Telecom 98
snmp-server contact Barry Raveendran Greene <bgreene@cisco.com>
snmp-server host 209.58.49.3 <removed>
snmp-server host 209.58.49.4 <removed>
snmp-server host 209.58.49.6 <removed>
!
line con 0
  exec-timeout 0 0
  history size 100
line aux 0
line vty 0 4
  access-class 25 in
  exec-timeout 0 0
  password 7 <removed>
  login authentication Africa98
line vty 5 8
  access-class 25 in
  exec-timeout 0 0
  password 7 <removed>
  login authentication Africa98
!
ntp clock-period 17179565
ntp source Loopback0
ntp access-group peer 5

```

```
ntp peer 196.25.1.1
ntp peer 195.101.31.2
end
```

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

```
----- show stacks -----
```

Minimum process stacks:

Free/Size	Name
5596/6000	Router Init
10304/12000	Init
10516/12000	Slave Server
2736/3000	BGP Acceptor
4976/6000	BGP Open
9480/12000	Virtual Exec
9860/12000	Exec

Interrupt level stacks:

Level	Called	Unused/Size	Name
1	51719217	7980/9000	Network Interrupt
2	769402	8160/9000	Network Status Interrupt
3	0	9000/9000	OIR interrupt
4	0	9000/9000	PCMCIA Interrupt
5	2870954	8620/9000	Console Uart
6	4	8012/9000	Error Interrupt
7	122474123	8608/9000	NMI Interrupt Handler

Slave in slot 3 was restarted by processor memory parity error at PC
0x600B5CA4, address 0x0
GS Software (RSP-DW-M), Version 11.1(18)CA1, EARLY DEPLOYMENT RELEASE
SOFTWARE (fc1)
Compiled Tue 21-Apr-98 17:48 by richardd
Image text-base: 0x60010900, data-base: 0x600E4000

Stack trace from system failure:

FP: 0x601F4290, RA: 0x600B5CA4
FP: 0x601F4290, RA: 0x600D6D2C
FP: 0x601F42B8, RA: 0x600D7228
FP: 0x601F42E0, RA: 0x6002DC80
FP: 0x601F42F8, RA: 0x6002DC6C

```
----- show interfaces -----
```

FastEthernet0/0/0 is up, line protocol is up
Hardware is cyBus FastEthernet Interface, address is 00e0.14d4.a300
(bia 00e0.14d4.a300)

Description: Internet Cafe Link to CAT 5000
Internet address is 209.58.49.1/24
MTU 1500 bytes, BW 100000 Kbit, DLY 100 usec, rely 255/255, load 1/255
Encapsulation ARPA, loopback not set, keepalive set (10 sec), hdx,
100BaseTX/FX
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 1d21h
Queueing strategy: fifo
Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 9 flushes
5 minute input rate 258000 bits/sec, 99 packets/sec
5 minute output rate 241000 bits/sec, 84 packets/sec
6706738 packets input, 2765967999 bytes, 0 no buffer
Received 62904 broadcasts, 0 runts, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
0 watchdog, 0 multicast
0 input packets with dribble condition detected
6360405 packets output, 2395068111 bytes, 0 underruns
0 output errors, 58779 collisions, 0 interface resets
0 babbles, 0 late collision, 0 deferred
0 lost carrier, 0 no carrier
0 output buffer failures, 0 output buffers swapped out
Ethernet0/1/0 is administratively down, line protocol is down
Hardware is cxBus Ethernet, address is 00e0.14d4.a308 (bia 00e0.14d4.a308)

Description: Server LAN
MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 1/255
Encapsulation ARPA, loopback not set, keepalive set (10 sec)
ARP type: ARPA, ARP Timeout 04:00:00
Last input never, output never, output hang never
Last clearing of "show interface" counters 1d21h
Queueing strategy: fifo
Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 0 flushes
5 minute input rate 0 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
0 packets input, 0 bytes, 0 no buffer
Received 0 broadcasts, 0 runts, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
0 input packets with dribble condition detected
0 packets output, 0 bytes, 0 underruns
0 output errors, 0 collisions, 0 interface resets
0 babbles, 0 late collision, 0 deferred
0 lost carrier, 0 no carrier
0 output buffer failures, 0 output buffers swapped out
Ethernet0/1/1 is up, line protocol is up
Hardware is cxBus Ethernet, address is 00e0.14d4.a309 (bia 00e0.14d4.a309)

Description: Hall 9
Internet address is 209.58.62.1/24
MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 1/255
Encapsulation ARPA, loopback not set, keepalive set (10 sec)
ARP type: ARPA, ARP Timeout 04:00:00
Last input 00:00:14, output 00:00:08, output hang never
Last clearing of "show interface" counters 1d21h

```

Queueing strategy: fifo
Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 0 flushes
5 minute input rate 129000 bits/sec, 14 packets/sec
5 minute output rate 15000 bits/sec, 9 packets/sec
  1063336 packets input, 482350043 bytes, 0 no buffer
  Received 40104 broadcasts, 0 runts, 0 giants
  0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
  0 input packets with dribble condition detected
  668114 packets output, 330430830 bytes, 0 underruns
  0 output errors, 0 collisions, 0 interface resets
  0 babbles, 0 late collision, 3014 deferred
  0 lost carrier, 0 no carrier
  0 output buffer failures, 0 output buffers swapped out
Ethernet0/1/2 is up, line protocol is up
  Hardware is cxBus Ethernet, address is 00e0.14d4.a30a (bia
00e0.14d4.a30a)
  Description: Hall 5 to Cisco 1500 at ITU Stand
  Internet address is 209.58.53.1/26
  MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 5/255
  Encapsulation ARPA, loopback not set, keepalive set (10 sec)
  ARP type: ARPA, ARP Timeout 04:00:00
  Last input 00:00:00, output 00:00:08, output hang never
  Last clearing of "show interface" counters 1d21h
  Queueing strategy: fifo
  Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 126 flushes
  5 minute input rate 16000 bits/sec, 29 packets/sec
  5 minute output rate 214000 bits/sec, 28 packets/sec
    2357443 packets input, 216392347 bytes, 0 no buffer
    Received 1217246 broadcasts, 0 runts, 0 giants
    336 input errors, 336 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 input packets with dribble condition detected
    1468078 packets output, 851283301 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collision, 15084 deferred
    0 lost carrier, 0 no carrier
    0 output buffer failures, 0 output buffers swapped out
Ethernet0/1/3 is up, line protocol is up
  Hardware is cxBus Ethernet, address is 00e0.14d4.a30b (bia
00e0.14d4.a30b)
  Description: Hall 7 & 8; Wireless Backbone; Wireless 7 & 8; Easylink
Asymmetric
  Internet address is 209.58.60.129/25
  MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 1/255
  Encapsulation ARPA, loopback not set, keepalive set (10 sec)
  ARP type: ARPA, ARP Timeout 04:00:00
  Last input 00:00:19, output 00:00:08, output hang never
  Last clearing of "show interface" counters 1d21h
  Queueing strategy: fifo
  Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 178 flushes
  5 minute input rate 45000 bits/sec, 11 packets/sec
  5 minute output rate 45000 bits/sec, 11 packets/sec
    2026244 packets input, 361839778 bytes, 0 no buffer
    Received 1165321 broadcasts, 0 runts, 0 giants
    384 input errors, 384 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort

```

```

0 input packets with dribble condition detected
1037662 packets output, 610717062 bytes, 0 underruns
31 output errors, 0 collisions, 0 interface resets
0 babbles, 0 late collision, 5082 deferred
31 lost carrier, 0 no carrier
0 output buffer failures, 0 output buffers swapped out
Serial4/0/0 is administratively down, line protocol is down
Hardware is cyBus Serial
MTU 1500 bytes, BW 1544 Kbit, DLY 20000 usec, rely 255/255, load 1/255
Encapsulation HDLC, loopback not set, keepalive set (10 sec)
Last input never, output never, output hang never
Last clearing of "show interface" counters 1d21h
Input queue: 0/75/0/0 (size/max/drops/flushes); Total output drops: 0
Queueing strategy: weighted fair
Output queue: 0/64/0 (size/threshold/drops)
Conversations 0/0 (active/max active)
Reserved Conversations 0/0 (allocated/max allocated)
5 minute input rate 0 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
0 packets input, 0 bytes, 0 no buffer
Received 0 broadcasts, 0 runts, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
0 packets output, 0 bytes, 0 underruns
0 output errors, 0 collisions, 0 interface resets
0 output buffer failures, 0 output buffers swapped out
0 carrier transitions
RTS down, CTS down, DTR down, DCD down, DSR down
Serial4/0/1 is up, line protocol is up
Hardware is cyBus Serial
Description: Teleglobe #1
Internet address is 207.45.203.222/30
MTU 1500 bytes, BW 1544 Kbit, DLY 20000 usec, rely 255/255, load 1/255
Encapsulation HDLC, loopback not set, keepalive set (10 sec)
Last input 00:00:01, output 00:00:01, output hang never
Last clearing of "show interface" counters 1d21h
Input queue: 0/75/0/1 (size/max/drops/flushes); Total output drops: 0
Queueing strategy: weighted fair
Output queue: 0/64/0 (size/threshold/drops)
Conversations 0/8 (active/max active)
Reserved Conversations 0/0 (allocated/max allocated)
5 minute input rate 1000 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
156428 packets input, 27749439 bytes, 0 no buffer
Received 0 broadcasts, 0 runts, 0 giants
202 input errors, 72 CRC, 82 frame, 0 overrun, 0 ignored, 48 abort
46570 packets output, 4106656 bytes, 0 underruns
0 output errors, 0 collisions, 25 interface resets
0 output buffer failures, 0 output buffers swapped out
50 carrier transitions
RTS up, CTS up, DTR up, DCD up, DSR up
Serial4/0/2 is up, line protocol is up
Hardware is cyBus Serial
Description: France Telecom 2 Mbps
Internet address is 195.101.31.1/30

```

MTU 1500 bytes, BW 1544 Kbit, DLY 20000 usec, rely 255/255, load 1/255
 Encapsulation HDLC, loopback not set, keepalive set (60 sec)
 Last input 00:00:01, output 00:00:00, output hang never
 Last clearing of "show interface" counters 1d21h
 Input queue: 0/75/0/1 (size/max/drops/flushes); Total output drops: 0
 Queueing strategy: weighted fair
 Output queue: 0/64/0 (size/threshold/drops)
 Conversations 0/6 (active/max active)
 Reserved Conversations 0/0 (allocated/max allocated)
 5 minute input rate 61000 bits/sec, 8 packets/sec
 5 minute output rate 8000 bits/sec, 15 packets/sec
 804974 packets input, 556596978 bytes, 0 no buffer
 Received 0 broadcasts, 0 runts, 0 giants
 2323 input errors, 1542 CRC, 771 frame, 0 overrun, 0 ignored, 10
 abort
 953155 packets output, 88692239 bytes, 0 underruns
 0 output errors, 0 collisions, 0 interface resets
 0 output buffer failures, 111 output buffers swapped out
 0 carrier transitions
 RTS up, CTS up, DTR up, DCD up, DSR up
 Serial4/0/3 is up, line protocol is up
 Hardware is cyBus Serial
 Description: 256 Kbps Link directly to France Telecom's Booth
 Internet address is 195.101.31.5/30
 MTU 1500 bytes, BW 1544 Kbit, DLY 20000 usec, rely 255/255, load 1/255
 Encapsulation HDLC, loopback not set, keepalive set (60 sec)
 Last input 00:00:21, output 00:00:38, output hang never
 Last clearing of "show interface" counters 1d21h
 Input queue: 0/75/0/0 (size/max/drops/flushes); Total output drops: 0
 Queueing strategy: weighted fair
 Output queue: 0/64/0 (size/threshold/drops)
 Conversations 0/10 (active/max active)
 Reserved Conversations 0/0 (allocated/max allocated)
 5 minute input rate 0 bits/sec, 0 packets/sec
 5 minute output rate 11000 bits/sec, 1 packets/sec
 92166 packets input, 12141260 bytes, 0 no buffer
 Received 0 broadcasts, 0 runts, 0 giants
 61 input errors, 1 CRC, 10 frame, 0 overrun, 0 ignored, 50 abort
 93872 packets output, 39406059 bytes, 0 underruns
 0 output errors, 0 collisions, 3 interface resets
 0 output buffer failures, 955 output buffers swapped out
 6 carrier transitions
 RTS up, CTS up, DTR up, DCD up, DSR up
 Serial4/1/0 is up, line protocol is up
 Hardware is cyBus Serial
 Description: 2 Mbps to SAIX
 Internet address is 196.25.244.138/30
 MTU 1500 bytes, BW 1544 Kbit, DLY 20000 usec, rely 255/255, load 8/255
 Encapsulation HDLC, loopback not set, keepalive set (10 sec)
 Last input 00:00:02, output 00:00:01, output hang never
 Last clearing of "show interface" counters 1d21h
 Input queue: 0/75/0/0 (size/max/drops/flushes); Total output drops:

```

Output queue: 0/64/230 (size/threshold/drops)
  Conversations 0/34 (active/max active)
  Reserved Conversations 0/0 (allocated/max allocated)
5 minute input rate 129000 bits/sec, 24 packets/sec
5 minute output rate 50000 bits/sec, 25 packets/sec
  1167010 packets input, 335616247 bytes, 0 no buffer
  Received 0 broadcasts, 0 runts, 0 giants
  0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
  1575457 packets output, 808763133 bytes, 0 underruns
  0 output errors, 0 collisions, 0 interface resets
  0 output buffer failures, 9474 output buffers swapped out
  0 carrier transitions
  RTS up, CTS up, DTR up, DCD up, DSR up
Serial4/1/1 is up, line protocol is up
Hardware is cyBus Serial
Description: 2Mbps to Teleglobe #2
Internet address is 207.45.203.218/30
MTU 1500 bytes, BW 1544 Kbit, DLY 20000 usec, rely 255/255, load 1/255
Encapsulation HDLC, loopback not set, keepalive set (10 sec)
Last input 00:00:01, output 00:00:01, output hang never
Last clearing of "show interface" counters 1d21h
Input queue: 0/75/0/2 (size/max/drops/flushes); Total output drops: 0
Queueing strategy: weighted fair
Output queue: 0/64/0 (size/threshold/drops)
  Conversations 0/8 (active/max active)
  Reserved Conversations 0/0 (allocated/max allocated)
5 minute input rate 1000 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
  183012 packets input, 33313017 bytes, 0 no buffer
  Received 0 broadcasts, 0 runts, 0 giants
  93 input errors, 87 CRC, 0 frame, 0 overrun, 0 ignored, 6 abort
  45128 packets output, 4346972 bytes, 0 underruns
  0 output errors, 0 collisions, 25 interface resets
  0 output buffer failures, 4 output buffers swapped out
  0 carrier transitions
  RTS up, CTS up, DTR up, DCD up, DSR up
Serial4/1/2 is up, line protocol is up
Hardware is cyBus Serial
Description: TELEGLOBE ASYMM RECEIVE
Interface is unnumbered. Using address of Serial4/1/3
(207.45.203.214)
MTU 1500 bytes, BW 1544 Kbit, DLY 20000 usec, rely 255/255, load 1/255
Encapsulation HDLC, loopback not set, keepalive set (10 sec)
Transmit interface is Serial4/1/3
Last input 00:00:00, output 00:00:08, output hang never
Last clearing of "show interface" counters 1d21h
Input queue: 0/75/0/5 (size/max/drops/flushes); Total output drops: 0
Queueing strategy: weighted fair
Output queue: 0/64/0 (size/threshold/drops)
  Conversations 0/1 (active/max active)
  Reserved Conversations 0/0 (allocated/max allocated)
30 second input rate 187000 bits/sec, 40 packets/sec
30 second output rate 0 bits/sec, 0 packets/sec
  2607521 packets input, 1517184783 bytes, 0 no buffer

```

```

Received 0 broadcasts, 0 runts, 0 giants
108 input errors, 96 CRC, 0 frame, 0 overrun, 0 ignored, 12 abort
19171 packets output, 1320778 bytes, 0 underruns
0 output errors, 0 collisions, 0 interface resets
0 output buffer failures, 0 output buffers swapped out
0 carrier transitions
RTS up, CTS up, DTR up, DCD up, DSR up
Serial4/1/3 is up, line protocol is up
Hardware is cyBus Serial
Description: TELEGLOBE ASYMM TRANSMIT
Internet address is 207.45.203.214/30
MTU 1500 bytes, BW 1544 Kbit, DLY 20000 usec, rely 210/255, load
23/255
Encapsulation HDLC, loopback not set, keepalive not set
Last input 2d01h, output 00:00:00, output hang never
Last clearing of "show interface" counters 1d21h
Input queue: 0/75/0/0 (size/max/drops/flushes); Total output drops:
3717
Queueing strategy: weighted fair
Output queue: 0/64/3717 (size/threshold/drops)
Conversations 0/16 (active/max active)
Reserved Conversations 0/0 (allocated/max allocated)
30 second input rate 0 bits/sec, 0 packets/sec
30 second output rate 142000 bits/sec, 34 packets/sec
0 packets input, 0 bytes, 0 no buffer
Received 0 broadcasts, 0 runts, 593 giants
2537201 input errors, 2128785 CRC, 0 frame, 19135 overrun, 0
ignored, 389281 abort
2242360 packets output, 581726560 bytes, 0 underruns
0 output errors, 0 collisions, 0 interface resets
0 output buffer failures, 90553 output buffers swapped out
0 carrier transitions
RTS up, CTS up, DTR up, DCD up, DSR up
FastEthernet5/0/0 is up, line protocol is down
Hardware is cyBus FastEthernet Interface, address is 00e0.14d4.a3a0
(bia 00e0.14d4.a3a0)
Description: Cache Engine, Hall 6 Ethernet, & Hall 6 Wireless
MTU 1500 bytes, BW 100000 Kbit, DLY 100 usec, rely 255/255, load 1/255
Encapsulation ARPA, loopback not set, keepalive set (10 sec), fdx,
100BaseTX/FX
ARP type: ARPA, ARP Timeout 04:00:00
Last input 1d23h, output 00:00:08, output hang never
Last clearing of "show interface" counters 1d21h
Queueing strategy: fifo
Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 0 flushes
5 minute input rate 0 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
0 packets input, 0 bytes, 0 no buffer
Received 0 broadcasts, 0 runts, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
0 watchdog, 0 multicast
0 input packets with dribble condition detected
16430 packets output, 985800 bytes, 0 underruns
0 output errors, 0 collisions, 0 interface resets

```

```

    0 babbles, 0 late collision, 0 deferred
    0 lost carrier, 0 no carrier
    0 output buffer failures, 0 output buffers swapped out
Ethernet5/1/0 is up, line protocol is up
  Hardware is cxBus Ethernet, address is 00e0.14d4.a3a8 (bia
00e0.14d4.a3a8)
  Description: Internet Cafe PCs
  Internet address is 209.58.53.129/26
  MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 2/255
  Encapsulation ARPA, loopback not set, keepalive set (10 sec)
  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 1d21h
  Queueing strategy: fifo
  Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 0 flushes
  5 minute input rate 18000 bits/sec, 19 packets/sec
  5 minute output rate 107000 bits/sec, 24 packets/sec
    886297 packets input, 124382698 bytes, 0 no buffer
    Received 30609 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 input packets with dribble condition detected
    986248 packets output, 502031238 bytes, 0 underruns
    22 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collision, 3831 deferred
    22 lost carrier, 0 no carrier
    0 output buffer failures, 0 output buffers swapped out
Ethernet5/1/1 is administratively down, line protocol is down
  Hardware is cxBus Ethernet, address is 00e0.14d4.a3a9 (bia
00e0.14d4.a3a9)
  MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 1/255
  Encapsulation ARPA, loopback not set, keepalive set (10 sec)
  ARP type: ARPA, ARP Timeout 04:00:00
  Last input never, output never, output hang never
  Last clearing of "show interface" counters 1d21h
  Queueing strategy: fifo
  Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 0 flushes
  5 minute input rate 0 bits/sec, 0 packets/sec
  5 minute output rate 0 bits/sec, 0 packets/sec
    0 packets input, 0 bytes, 0 no buffer
    Received 0 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 input packets with dribble condition detected
    0 packets output, 0 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collision, 0 deferred
    0 lost carrier, 0 no carrier
    0 output buffer failures, 0 output buffers swapped out
Ethernet5/1/2 is administratively down, line protocol is down
  Hardware is cxBus Ethernet, address is 00e0.14d4.a3aa (bia
00e0.14d4.a3aa)
  MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 1/255
  Encapsulation ARPA, loopback not set, keepalive set (10 sec)
  ARP type: ARPA, ARP Timeout 04:00:00
  Last input never, output never, output hang never

```

```

Last clearing of "show interface" counters 1d21h
Queueing strategy: fifo
Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 0 flushes
5 minute input rate 0 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
    0 packets input, 0 bytes, 0 no buffer
    Received 0 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 input packets with dribble condition detected
    0 packets output, 0 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collision, 0 deferred
    0 lost carrier, 0 no carrier
    0 output buffer failures, 0 output buffers swapped out
Ethernet5/1/3 is administratively down, line protocol is down
  Hardware is cxBus Ethernet, address is 00e0.14d4.a3ab (bia
00e0.14d4.a3ab)
  MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 1/255
  Encapsulation ARPA, loopback not set, keepalive set (10 sec)
  ARP type: ARPA, ARP Timeout 04:00:00
  Last input never, output never, output hang never
  Last clearing of "show interface" counters 1d21h
  Queueing strategy: fifo
  Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 0 flushes
  5 minute input rate 0 bits/sec, 0 packets/sec
  5 minute output rate 0 bits/sec, 0 packets/sec
      0 packets input, 0 bytes, 0 no buffer
      Received 0 broadcasts, 0 runts, 0 giants
      0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
      0 input packets with dribble condition detected
      0 packets output, 0 bytes, 0 underruns
      0 output errors, 0 collisions, 0 interface resets
      0 babbles, 0 late collision, 0 deferred
      0 lost carrier, 0 no carrier
      0 output buffer failures, 0 output buffers swapped out
Ethernet6/0 is administratively down, line protocol is down
  Hardware is cxBus Ethernet, address is 00e0.14d4.a3c0 (bia
00e0.14d4.a3c0)
  MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 1/255
  Encapsulation ARPA, loopback not set, keepalive set (10 sec)
  ARP type: ARPA, ARP Timeout 04:00:00
  Last input never, output never, output hang never
  Last clearing of "show interface" counters 1d21h
  Queueing strategy: fifo
  Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 0 flushes
  5 minute input rate 0 bits/sec, 0 packets/sec
  5 minute output rate 0 bits/sec, 0 packets/sec
      0 packets input, 0 bytes, 0 no buffer
      Received 0 broadcasts, 0 runts, 0 giants
      0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
      0 input packets with dribble condition detected
      0 packets output, 0 bytes, 0 underruns
      0 output errors, 0 collisions, 0 interface resets
      0 babbles, 0 late collision, 0 deferred

```



```

    0 lost carrier, 0 no carrier
    0 output buffer failures, 0 output buffers swapped out
Ethernet6/1 is administratively down, line protocol is down
  Hardware is cxBus Ethernet, address is 00e0.14d4.a3c1 (bia
00e0.14d4.a3c1)
  MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 1/255
  Encapsulation ARPA, loopback not set, keepalive set (10 sec)
  ARP type: ARPA, ARP Timeout 04:00:00
  Last input never, output never, output hang never
  Last clearing of "show interface" counters 1d21h
  Queueing strategy: fifo
  Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 0 flushes
  5 minute input rate 0 bits/sec, 0 packets/sec
  5 minute output rate 0 bits/sec, 0 packets/sec
    0 packets input, 0 bytes, 0 no buffer
    Received 0 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 input packets with dribble condition detected
    0 packets output, 0 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collision, 0 deferred
    0 lost carrier, 0 no carrier
    0 output buffer failures, 0 output buffers swapped out
Ethernet6/2 is administratively down, line protocol is down
  Hardware is cxBus Ethernet, address is 00e0.14d4.a3c2 (bia
00e0.14d4.a3c2)
  MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 1/255
  Encapsulation ARPA, loopback not set, keepalive set (10 sec)
  ARP type: ARPA, ARP Timeout 04:00:00
  Last input never, output never, output hang never
  Last clearing of "show interface" counters 1d21h
  Queueing strategy: fifo
  Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 0 flushes
  5 minute input rate 0 bits/sec, 0 packets/sec
  5 minute output rate 0 bits/sec, 0 packets/sec
    0 packets input, 0 bytes, 0 no buffer
    Received 0 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 input packets with dribble condition detected
    0 packets output, 0 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collision, 0 deferred
    0 lost carrier, 0 no carrier
    0 output buffer failures, 0 output buffers swapped out
Ethernet6/3 is administratively down, line protocol is down
  Hardware is cxBus Ethernet, address is 00e0.14d4.a3c3 (bia
00e0.14d4.a3c3)
  MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 1/255
  Encapsulation ARPA, loopback not set, keepalive set (10 sec)
  ARP type: ARPA, ARP Timeout 04:00:00
  Last input never, output never, output hang never
  Last clearing of "show interface" counters 1d21h
  Queueing strategy: fifo
  Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 0 flushes

```

```

5 minute input rate 0 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
    0 packets input, 0 bytes, 0 no buffer
    Received 0 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 input packets with dribble condition detected
    0 packets output, 0 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collision, 0 deferred
    0 lost carrier, 0 no carrier
    0 output buffer failures, 0 output buffers swapped out
Ethernet6/4 is administratively down, line protocol is down
    Hardware is cxBus Ethernet, address is 00e0.14d4.a3c4 (bia
00e0.14d4.a3c4)
    MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 1/255
    Encapsulation ARPA, loopback not set, keepalive set (10 sec)
    ARP type: ARPA, ARP Timeout 04:00:00
    Last input never, output never, output hang never
    Last clearing of "show interface" counters 1d21h
    Queueing strategy: fifo
    Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 0 flushes
5 minute input rate 0 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
    0 packets input, 0 bytes, 0 no buffer
    Received 0 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 input packets with dribble condition detected
    0 packets output, 0 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collision, 0 deferred
    0 lost carrier, 0 no carrier
    0 output buffer failures, 0 output buffers swapped out
Ethernet6/5 is administratively down, line protocol is down
    Hardware is cxBus Ethernet, address is 00e0.14d4.a3c5 (bia
00e0.14d4.a3c5)
    MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 1/255
    Encapsulation ARPA, loopback not set, keepalive set (10 sec)
    ARP type: ARPA, ARP Timeout 04:00:00
    Last input never, output never, output hang never
    Last clearing of "show interface" counters 1d21h
    Queueing strategy: fifo
    Output queue 0/40, 0 drops; input queue 0/75, 0 drops, 0 flushes
5 minute input rate 0 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
    0 packets input, 0 bytes, 0 no buffer
    Received 0 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 input packets with dribble condition detected
    0 packets output, 0 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collision, 0 deferred
    0 lost carrier, 0 no carrier
    0 output buffer failures, 0 output buffers swapped out
Loopback0 is up, line protocol is up

```

Hardware is Loopback
Description: BGP Loopback Address
Internet address is 209.58.48.1/32
MTU 1500 bytes, BW 8000000 Kbit, DLY 5000 usec, rely 255/255, load
1/255
Encapsulation L00PBACK, loopback not set, keepalive set (10 sec)
Last input 1d23h, output never, output hang never
Last clearing of "show interface" counters 1d21h
Queueing strategy: fifo
Output queue 0/0, 0 drops; input queue 0/75, 0 drops, 0 flushes
5 minute input rate 0 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
0 packets input, 0 bytes, 0 no buffer
Received 0 broadcasts, 0 runts, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
0 packets output, 0 bytes, 0 underruns
0 output errors, 0 collisions, 0 interface resets
0 output buffer failures, 0 output buffers swapped out

----- show di agbus -----

Slot 0:

Physical slot 0, ~physical slot 0xF, logical slot 0, CBus 0
Microcode Status 0x4
Master Enable, LED, WCS Loaded
Board is analyzed
Pending I/O Status: None
EEPROM format version 1
VIP2 controller, HW rev 2.04, board revision D0
Serial number: 04376881 Part number: 73-1684-03
Test history: 0x00 RMA number: 00-00-00
Flags: cisco 7000 board; 7500 compatible

EEPROM contents (hex):

0x20: 01 15 02 04 00 42 C9 31 49 06 94 03 00 00 00 00
0x30: 68 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Slot database information:

Flags: 0x4 Insertion time: 0x3458 (5d16h ago)

Controller Memory Size: 16 MBytes DRAM, 1024 KBytes SRAM

PA Bay 0 Information:

Fast-Ethernet PA, 1 ports, 100BaseTX-ISL
EEPROM format version 1
HW rev 1.00, Board revision A0
Serial number: 07809154 Part number: 73-1688-04

PA Bay 1 Information:

Ethernet PA, 4 ports
EEPROM format version 1
HW rev 1.02, Board revision A0
Serial number: 03596225 Part number: 73-1556-04

--Boot log begin--

Cisco Internetwork Operating System Software
IOS (tm) VIP Software (SVIP-DW-M), Version 11.1(18)CA1, EARLY DEPLOYMENT
RELEASE SOFTWARE (fc1)
Synced to mainline version: 11.1(18)
Copyright (c) 1986-1998 by cisco Systems, Inc.
Compiled Tue 21-Apr-98 18:06 by richardd
Image text-base: 0x600108E0, data-base: 0x6015A000

--Boot log end--

Slot 2:

EEPROM format version 1
Route/Switch Processor 2, HW rev 1.02, board revision A0
Serial number: 03516055 Part number: 73-1324-05
Test history: 0x00 RMA number: 00-00-00
Flags: cisco 7000 board; 7500 compatible

EEPROM contents (hex):

0x20: 01 0F 01 02 00 35 A6 97 49 05 2C 05 00 00 00 00
0x30: 50 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Slot 3:

EEPROM format version 1
Route/Switch Processor 2, HW rev 1.02, board revision B0
Serial number: 04486557 Part number: 73-1324-05
Test history: 0x00 RMA number: 00-00-00
Flags: cisco 7000 board; 7500 compatible

EEPROM contents (hex):

0x20: 01 0F 01 02 00 44 75 9D 49 05 2C 05 00 00 00 00
0x30: 58 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Slot 4:

Physical slot 4, ~physical slot 0xB, logical slot 4, CBus 0
Microcode Status 0x4
Master Enable, LED, WCS Loaded
Board is analyzed
Pending I/O Status: None
EEPROM format version 1
VIP2 controller, HW rev 2.04, board revision D0
Serial number: 04382241 Part number: 73-1684-03
Test history: 0x00 RMA number: 00-00-00
Flags: cisco 7000 board; 7500 compatible

EEPROM contents (hex):

0x20: 01 15 02 04 00 42 DE 21 49 06 94 03 00 00 00 00
0x30: 68 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Slot database information:

Flags: 0x4 Insertion time: 0x3458 (5d16h ago)

Controller Memory Size: 32 MBytes DRAM, 2048 KBytes SRAM

PA Bay 0 Information:

Fast-Serial PA, 4 ports
EEPROM format version 1
HW rev 1.00, Board revision A0
Serial number: 03588286 Part number: 73-1389-05

PA Bay 1 Information:

Mx Serial PA, 4 ports
EEPROM format version 1
HW rev 1.10, Board revision A0
Serial number: 06640076 Part number: 73-1577-05

--Boot log begin--

Cisco Internetwork Operating System Software
IOS (tm) VIP Software (SVIP-DW-M), Version 11.1(18)CA1, EARLY DEPLOYMENT
RELEASE SOFTWARE (fc1)
Synced to mainline version: 11.1(18)
Copyright (c) 1986-1998 by cisco Systems, Inc.
Compiled Tue 21-Apr-98 18:06 by richardd
Image text-base: 0x600108E0, data-base: 0x6015A000

--Boot log end--

Slot 5:

Physical slot 5, ~physical slot 0xA, logical slot 5, CBus 0
Microcode Status 0xC
Master Enable, LED, WCS Loaded
Board is analyzed
Pending I/O Status: Console I/O
EEPROM format version 1
VIP2 controller, HW rev 2.04, board revision D0
Serial number: 04479431 Part number: 73-1684-03
Test history: 0x00 RMA number: 00-00-00
Flags: cisco 7000 board; 7500 compatible

EEPROM contents (hex):

0x20: 01 15 02 04 00 44 59 C7 49 06 94 03 00 00 00 00
0x30: 68 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Slot database information:

Flags: 0x4 Insertion time: 0x3458 (5d16h ago)

Controller Memory Size: 16 MBytes DRAM, 1024 KBytes SRAM

PA Bay 0 Information:

Fast-Ethernet PA, 1 ports, 100BaseTX-ISL
EEPROM format version 1
HW rev 1.00, Board revision A0
Serial number: 03653681 Part number: 73-1688-03

PA Bay 1 Information:

Ethernet PA, 4 ports
EEPROM format version 1
HW rev 1.02, Board revision A0
Serial number: 03580004 Part number: 73-1556-04

--Boot log begin--

Cisco Internetwork Operating System Software
IOS (tm) VIP Software (SVIP-DW-M), Version 11.1(18)CA1, EARLY DEPLOYMENT
RELEASE SOFTWARE (fc1)
Synced to mainline version: 11.1(18)
Copyright (c) 1986-1998 by cisco Systems, Inc.
Compiled Tue 21-Apr-98 18:06 by richardd
Image text-base: 0x600108E0, data-base: 0x6015A000

--Boot log end--

Slot 6:

Physical slot 6, ~physical slot 0x9, logical slot 6, CBus 0
Microcode Status 0x0
Master Enable, LED, WCS Loaded
Board is analyzed
EEPROM format version 1
EIP controller, HW rev 1.10, board revision B0
Serial number: 04443217 Part number: 73-0906-05
Test history: 0x00 RMA number: 00-00-00
Flags: cisco 7000 board; 7500 compatible

EEPROM contents (hex):

0x20: 01 00 01 0A 00 43 CC 51 49 03 8A 05 00 00 00 00
0x30: 58 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00

Slot database information:

Flags: 0x4 Insertion time: 0x3458 (5d16h ago)

Slot 31 (virtual):

EEPROM format version 1
Chassis Interface, HW rev 1.00, board revision B0
Serial number: 04354834 Part number: 73-1306-02
Test history: 0x00 RMA number: 00-00-00
Flags: cisco 7000 board

EEPROM contents (hex):

0x20: 01 10 01 00 00 42 73 12 49 05 1A 02 00 00 00 00
0x30: 58 00 00 00 FF 00 00 00 00 00 00 00 00 00 00 00

----- show buffers -----

Buffer elements:

500 in free list (500 max allowed)
7238272 hits, 0 misses, 0 created

Public buffer pools:

Small buffers, 104 bytes (total 120, permanent 120):
 105 in free list (20 min, 250 max allowed)
 8515216 hits, 18 misses, 39 trims, 39 created
 0 failures (0 no memory)

Middle buffers, 600 bytes (total 90, permanent 90):
 62 in free list (10 min, 200 max allowed)
 1875122 hits, 0 misses, 0 trims, 0 created
 0 failures (0 no memory)

Big buffers, 1524 bytes (total 91, permanent 90):
 43 in free list (5 min, 300 max allowed)
 626724 hits, 81 misses, 213 trims, 214 created
 2 failures (0 no memory)

VeryBig buffers, 4520 bytes (total 10, permanent 10):
 10 in free list (0 min, 300 max allowed)
 9189 hits, 0 misses, 0 trims, 0 created
 0 failures (0 no memory)

Large buffers, 5024 bytes (total 10, permanent 10):
 10 in free list (0 min, 30 max allowed)
 3819 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, 13 max allowed)
 35011 hits, 7 misses, 14 trims, 14 created
 0 failures (0 no memory)

Header pools:

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

Total: 123626368, Used: 35587212, Free: 88039156

PID	TTY	Allocated	Freed	Holding	Getbufs	Retbufs	Process
0	0	54156	304	5940280	0	0	*Init*
0	0	624	937692	624	0	0	*Sched*
0	0	59444592	53259364	57344	423280	0	*Dead*
1	2	5593464	5585984	20260	0	0	Virtual
Exec							
2	0	0	0	6776	0	0	Check
heaps							
3	0	468236	0	9096	359520	0	Pool
Manager							
4	0	300	300	6776	0	0	Timers
5	0	96	0	3872	0	0	OIR
Handler							
6	0	0	0	6776	0	0	IPC
Zone Manager							
7	0	0	0	6776	0	0	IPC
Realm Manager							
8	0	15496	1188	8308	0	0	IPC
Seat Manager							
9	0	67396	325924	16148	8580	0	ARP
Input							

10	0	96	0	6872	0	0 SERIAL
A' detect						
11	0	228	0	7004	0	0
Microcode Loader						
12	0	0	0	6776	0	0 ATM
ILMI Input						
13	0	0	0	6776	0	0 ILMI
Process						
14	0	240	0	7016	0	0 IP
Crashinfo Input						
15	0	96	0	6872	0	0 DSX3MIB
ll handler						
16	0	0	0	3776	0	0 Slave
Time						
17	0	0	0	3776	0	0 Chassis
Daemon						
18	0	0	0	6776	0	0 IPC
CBus process						
19	0	96	0	6872	0	0 MIP
Mailbox						
20	0	96	0	6872	0	0 CT3
Mailbox						
21	0	264	264	6776	0	0 ATMSIG
Timer						
22	0	240	0	7016	0	0 Probe
Input						
23	0	96	0	6872	0	0 RARP
Input						
24	0	42144920	52064	370036	181800	0 IP
Input						
25	0	1724	31780	6776	0	0 TCP
Timer						
26	0	806724	0	15692	0	0 TCP
Protocols						
27	0	7948768	7943264	12280	0	0 CDP
Protocol						
28	0	25037236	24748468	13736	0	0 BOOTP
Server						
29	0	30148	26932	22468	0	0 IP
Background						
30	0	0	38638528	6776	0	0 IP
Cache Ager						
31	0	244	0	7020	0	0 SYSMGT
Events						
32	0	96	0	6872	0	0 SNMP
ConfCopyProc						
33	0	136	0	6912	0	0
Critical Bkgnd						
34	0	13648	0	6872	0	0 Net
Background						
35	0	96	0	12872	0	0 Logger
36	0	25820	264	6776	0	0 TTY
Background						

15	0	1	0	0.00%	0.00%	0.00%	0 DSX3MIB 11
handl er							
16	508	16323	31	0.00%	0.00%	0.00%	0 Slave Time
17	432	138576	3	0.00%	0.00%	0.00%	0 Chassi s
Daemon							
18	796	99950	7	0.00%	0.00%	0.00%	0 IPC CBus
process							
19	0	1	0	0.00%	0.00%	0.00%	0 MIP Mail box
20	0	1	0	0.00%	0.00%	0.00%	0 CT3 Mail box
21	0	2	0	0.00%	0.00%	0.00%	0 ATMSIG Timer
22	0	1	0	0.00%	0.00%	0.00%	0 Probe Input
23	20	71	281	0.00%	0.00%	0.00%	0 RARP Input
24	2009268	7262351	276	0.40%	0.21%	0.21%	0 IP Input
25	23372	654912	35	0.00%	0.00%	0.00%	0 TCP Timer
26	56	105	533	0.00%	0.00%	0.00%	0 TCP
Protocols							
27	32736	119079	274	0.00%	0.00%	0.00%	0 CDP Protocol
28	43116	63379	680	0.00%	0.00%	0.00%	0 BOOTP Server
29	103060	497469	207	0.00%	0.01%	0.00%	0 IP
Background							
30	31244	8162	3827	0.00%	0.01%	0.00%	0 IP Cache
Ager							
31	0	2	0	0.00%	0.00%	0.00%	0 SYSMGT
Events							
32	4	1	4000	0.00%	0.00%	0.00%	0 SNMP
ConfCopyProc							
33	0	1	0	0.00%	0.00%	0.00%	0 Critical
Bkgnd							
34	4	103	38	0.00%	0.00%	0.00%	0 Net
Background							
35	156	16847	9	0.00%	0.00%	0.00%	0 Logger
36	2464	489125	5	0.00%	0.00%	0.00%	0 TTY
Background							
37	36372	489126	74	0.00%	0.00%	0.00%	0 Per- Second
Jobs							
38	104480	489126	213	0.00%	0.00%	0.00%	0 Net Periodi c
39	41400	602611	68	0.00%	0.00%	0.00%	0 Net Input
40	129396	8162	15853	0.00%	0.01%	0.00%	0 Per- mi nute
Jobs							
41	65060	579596	112	0.00%	0.00%	0.00%	0 WCCP
Protocol							
43	4	27	148	0.00%	0.00%	0.00%	0 TCP Li stener
44	1648	497809	3	0.00%	0.00%	0.00%	0 NTP
45	457672	8348	54824	0.00%	0.06%	0.05%	0 IP- RT
Background							
46	2087024	2317379	900	3.01%	0.41%	0.14%	0 BGP Router
47	240316	558193	430	0.00%	0.00%	0.00%	0 BGP I /O
48	4657580	44670	104266	0.00%	0.72%	0.86%	0 BGP Scanner
52	2232	1366	1633	0.00%	0.00%	0.00%	0 IP SNMP
53	8	3	2666	0.00%	0.00%	0.00%	0 SNMP Traps
54	12936	2304	5614	0.00%	0.00%	0.00%	0 Exec

----- show controllers cbus -----

MEMD at 40000000, 2097152 bytes (unused 448, recarves 1, lost 0)
RawQ 48000100, ReturnQ 48000108, EventQ 48000110
BufhdrQ 48000140 (2418 items), LovltrQ 48000160 (30 items, 2016 bytes)
IpcbufQ 48000170 (32 items, 4096 bytes)
IpcbufQ_classic 48000168 (16 items, 4096 bytes)
3570 buffer headers (48002000 - 4800FF10)
pool0: 9 buffers, 256 bytes, queue 48000148
pool1: 1061 buffers, 1536 bytes, queue 48000150
pool2: 4 buffers, 1568 bytes, queue 48000158
slot0: VIP2, hw 2.4, sw 21.40, ccb 5800FF20, cmdq 48000080, vps 8192
software loaded from system
IOS (tm) VIP Software (SVIP-DW-M), Version 11.1(18)CA1, EARLY
DEPLOYMENT RELEASE SOFTWARE (fc1)
ROM Monitor version 17.0
FastEthernet0/0/0, addr 00e0.14d4.a300 (bia 00e0.14d4.a300)
gfreeq 48000150, lfreeq 48000178 (1536 bytes), throttled 0
rxlo 4, rxhi 132, rxcurr 4, maxrxcurr 9
txq 48001A00, txacc 48001A02 (value 84), txlimit 84
Ethernet0/1/0, addr 00e0.14d4.a308 (bia 00e0.14d4.a308)
gfreeq 48000150, lfreeq 48000180 (1536 bytes), throttled 0
rxlo 4, rxhi 132, rxcurr 0, maxrxcurr 0
txq 48001A08, txacc 48001A0A (value 0), txlimit 84
Ethernet0/1/1, addr 00e0.14d4.a309 (bia 00e0.14d4.a309)
gfreeq 48000150, lfreeq 48000188 (1536 bytes), throttled 0
rxlo 4, rxhi 132, rxcurr 4, maxrxcurr 7
txq 48001A10, txacc 48001A12 (value 84), txlimit 84
Ethernet0/1/2, addr 00e0.14d4.a30a (bia 00e0.14d4.a30a)
gfreeq 48000150, lfreeq 48000190 (1536 bytes), throttled 1
rxlo 4, rxhi 132, rxcurr 3, maxrxcurr 5
txq 48001A18, txacc 48001A1A (value 84), txlimit 84
Ethernet0/1/3, addr 00e0.14d4.a30b (bia 00e0.14d4.a30b)
gfreeq 48000150, lfreeq 48000198 (1536 bytes), throttled 0
rxlo 4, rxhi 132, rxcurr 3, maxrxcurr 7
txq 48001A20, txacc 48001A22 (value 84), txlimit 84
slot3: RSP2, hw 1.2, sw 11.01, ccb 0, cmdq 48000098, vps 8192
software loaded from system
slot4: VIP2, hw 2.4, sw 21.40, ccb 5800FF60, cmdq 480000A0, vps 8192
software loaded from system
IOS (tm) VIP Software (SVIP-DW-M), Version 11.1(18)CA1, EARLY
DEPLOYMENT RELEASE SOFTWARE (fc1)
ROM Monitor version 17.0
QUICC 4T HW Revision 122, SW Revision 244
Serial4/0/0, applique is Universal (cable unattached)
gfreeq 48000150, lfreeq 480001A0 (1536 bytes), throttled 0
rxlo 4, rxhi 132, rxcurr 0, maxrxcurr 0
txq 48001A80, txacc 48001A82 (value 6), txlimit 6
Serial4/0/1, applique is V.35 DTE
gfreeq 48000150, lfreeq 480001A8 (1536 bytes), throttled 0
rxlo 4, rxhi 132, rxcurr 1, maxrxcurr 4
txq 48001A88, txacc 48001A8A (value 6), txlimit 6
Serial4/0/2, applique is V.35 DTE
gfreeq 48000150, lfreeq 480001B0 (1536 bytes), throttled 0
rxlo 4, rxhi 132, rxcurr 2, maxrxcurr 4

```

    txq 48001A90, txacc 48001A92 (value 6), txlimit 6
Serial4/0/3, applique is RS-449 DTE
    gfreeq 48000150, lfreeq 480001B8 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 2, maxrxcurr 4
    txq 48001A98, txacc 48001A9A (value 6), txlimit 6
Mx Serial(4), HW Revision 0x3, FW Revision 1.45
Serial4/1/0, applique is X.21 DTE
    received clockrate 1983252
    gfreeq 48000150, lfreeq 480001C0 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 2, maxrxcurr 4
    txq 48001AA0, txacc 48001AA2 (value 6), txlimit 6
Serial4/1/1, applique is V.35 DTE
    received clockrate 1983252
    gfreeq 48000150, lfreeq 480001C8 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 1, maxrxcurr 4
    txq 48001AA8, txacc 48001AAA (value 6), txlimit 6
Serial4/1/2, applique is V.35 DTE
    received clockrate 1983252
    gfreeq 48000150, lfreeq 480001D0 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 2, maxrxcurr 4
    txq 48001AB0, txacc 48001AB2 (value 6), txlimit 6
Serial4/1/3, applique is V.35 DTE
    received clockrate 511926
    gfreeq 48000150, lfreeq 480001D8 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 0, maxrxcurr 1
    txq 48001AB8, txacc 48001ABA (value 6), txlimit 6
slot5: VIP2, hw 2.4, sw 21.40, ccb 5800FF70, cmdq 480000A8, vps 8192
software loaded from system
IOS (tm) VIP Software (SVIP-DW-M), Version 11.1(18)CA1, EARLY
DEPLOYMENT RELEASE SOFTWARE (fc1)
ROM Monitor version 17.0
FastEthernet5/0/0, addr 00e0.14d4.a3a0 (bia 00e0.14d4.a3a0)
    gfreeq 48000150, lfreeq 480001E0 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 1, maxrxcurr 3
    txq 48001B00, txacc 48001B02 (value 84), txlimit 84
Ethernet5/1/0, addr 00e0.14d4.a3a8 (bia 00e0.14d4.a3a8)
    gfreeq 48000150, lfreeq 480001E8 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 3, maxrxcurr 5
    txq 48001B08, txacc 48001B0A (value 84), txlimit 84
Ethernet5/1/1, addr 00e0.14d4.a3a9 (bia 00e0.14d4.a3a9)
    gfreeq 48000150, lfreeq 480001F0 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 0, maxrxcurr 0
    txq 48001B10, txacc 48001B12 (value 0), txlimit 84
Ethernet5/1/2, addr 00e0.14d4.a3aa (bia 00e0.14d4.a3aa)
    gfreeq 48000150, lfreeq 480001F8 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 0, maxrxcurr 0
    txq 48001B18, txacc 48001B1A (value 0), txlimit 84
Ethernet5/1/3, addr 00e0.14d4.a3ab (bia 00e0.14d4.a3ab)
    gfreeq 48000150, lfreeq 48000200 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 0, maxrxcurr 0
    txq 48001B20, txacc 48001B22 (value 0), txlimit 84
slot6: EIP, hw 1.10, sw 20.03, ccb 5800FF80, cmdq 480000B0, vps 4096
software loaded from system
Ethernet6/0, addr 00e0.14d4.a3c0 (bia 00e0.14d4.a3c0)

```

```

    gfreeq 48000150, lfreeq 48000208 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 0, maxrxcurr 0
    txq 48000210, txacc 48000082 (value 0), txlimit 84
Ethernet6/1, addr 00e0.14d4.a3c1 (bia 00e0.14d4.a3c1)
    gfreeq 48000150, lfreeq 48000218 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 0, maxrxcurr 0
    txq 48000220, txacc 4800008A (value 0), txlimit 84
Ethernet6/2, addr 00e0.14d4.a3c2 (bia 00e0.14d4.a3c2)
    gfreeq 48000150, lfreeq 48000228 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 0, maxrxcurr 0
    txq 48000230, txacc 48000092 (value 0), txlimit 84
Ethernet6/3, addr 00e0.14d4.a3c3 (bia 00e0.14d4.a3c3)
    gfreeq 48000150, lfreeq 48000238 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 0, maxrxcurr 0
    txq 48000240, txacc 4800009A (value 0), txlimit 84
Ethernet6/4, addr 00e0.14d4.a3c4 (bia 00e0.14d4.a3c4)
    gfreeq 48000150, lfreeq 48000248 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 0, maxrxcurr 0
    txq 48000250, txacc 480000A2 (value 0), txlimit 84
Ethernet6/5, addr 00e0.14d4.a3c5 (bia 00e0.14d4.a3c5)
    gfreeq 48000150, lfreeq 48000258 (1536 bytes), throttled 0
    rxlo 4, rxhi 132, rxcurr 0, maxrxcurr 0
    txq 48000260, txacc 480000AA (value 0), txlimit 84

```

```

ITU-ShowNet1#sh bgp /
      ^

```

% Invalid input detected at '^' marker.

```

ITU-ShowNet1#sh bgp ?
% Unrecognized command
ITU-ShowNet1#sh bgp
      ^

```

% Invalid input detected at '^' marker.

```

ITU-ShowNet1#sh ip bgp ?
A. B. C. D      Network in the BGP routing table to display
cidr-only       Display only routes with non-natural netmasks
community       Display routes matching the communities
community-list  Display routes matching the community-list
dampened-paths  Display paths suppressed due to dampening
filter-list     Display routes conforming to the filter-list
flap-statistics Display flap statistics of routes
inconsistent-as Display only routes with inconsistent origin ASs
neighbors       Detailed information on TCP and BGP neighbor
connections
paths           Path information
peer-group      Display information on peer-groups
regex           Display routes matching the AS path regular
expression
summary         Summary of BGP neighbor status
<cr>

```

```

ITU-ShowNet1#sh ip bgp summ

```

BGP table version is 1514985, main routing table version 1514985
 51199 network entries (146745/236193 paths) using 13537720 bytes of memory
 11151 BGP path attribute entries using 1514736 bytes of memory
 2 BGP route-map cache entries using 32 bytes of memory
 0 BGP filter-list cache entries using 0 bytes of memory

Neighbor	V	AS	MsgRcvd	MsgSent	TblVer	InQ	OutQ	Up/Down
195. 101. 31. 2	4	5511	391490	8165	1514984	0	0	5d16h
196. 25. 244. 137	4	5713	564809	8177	1514984	0	0	1d02h
207. 45. 203. 213	4	6453	897847	4094	1514985	0	0	12: 36: 54
207. 45. 203. 253	4	6453	1508040	7646	1514984	0	0	1d21h

ITU-ShowNet1#sh ip bgp neigh

BGP neighbor is 195.101.31.2, remote AS 5511, external link

Index 1, Offset 0, Mask 0x2

Inbound soft reconfiguration allowed

BGP version 4, remote router ID 193.55.152.21

BGP state = Established, table version = 1514984, up for 5d16h

Last read 00:00:05, hold time is 180, keepalive interval is 60 seconds

Minimum time between advertisement runs is 30 seconds

Received 391495 messages, 0 notifications, 0 in queue

Sent 8165 messages, 0 notifications, 0 in queue

Outbound path policy configured

Outgoing update network filter list is 12

Route map for outgoing advertisements is France_Telecom

Connections established 1; dropped 0

Connection state is ESTAB, I/O status: 1, unread input bytes: 0

Local host: 195.101.31.1, Local port: 179

Foreign host: 195.101.31.2, Foreign port: 11178

Enqueued packets for retransmit: 0, input: 0, saved: 0

Event Timers (current time is 0x1D33BCB0):

Timer	Starts	Wakeups	Next
Retrans	8223	57	0x0
TimeWait	0	0	0x0
AckHold	162263	147048	0x0
SendWnd	0	0	0x0
KeepAlive	7	0	0x0
GiveUp	0	0	0x0
PmtuAger	0	0	0x0

iss: 196881580 snduna: 197036763 sndnxt: 197036763 sndwnd: 16289

irs: 3052585066 rcvnxt: 3076277853 rcvwnd: 15846 delrcvwnd: 538

SRTT: 443 ms, RTT0: 1033 ms, RTV: 73 ms, KRTT: 0 ms

minRTT: 152 ms, maxRTT: 1048 ms, ACK hold: 300 ms

Flags: passive open, nagle, gen tcbs

Datagrams (max data segment is 1460 bytes):

Rcvd: 170725 (out of order: 15), with data: 163641, total data bytes: 23692786
Sent: 169954 (retransmit: 57), with data: 8165, total data bytes: 155182

BGP neighbor is 196.25.244.137, remote AS 5713, external link
Index 2, Offset 0, Mask 0x4
Inbound soft reconfiguration allowed
BGP version 4, remote router ID 196.25.2.237
BGP state = Established, table version = 1514985, up for 1d02h
Last read 00:00:27, hold time is 180, keepalive interval is 60 seconds
Minimum time between advertisement runs is 30 seconds
Received 564809 messages, 0 notifications, 0 in queue
Sent 8177 messages, 0 notifications, 0 in queue
Outbound path policy configured
Outgoing update network filter list is 11
Route map for outgoing advertisements is SAIX
Connections established 5; dropped 4
Connection state is ESTAB, I/O status: 1, unread input bytes: 0
Local host: 209.58.48.1, Local port: 179
Foreign host: 196.25.244.137, Foreign port: 17407

Enqueued packets for retransmit: 0, input: 0, saved: 0

Event Timers (current time is 0x1D33BCBC):

Timer	Starts	Wakeups	Next
Retrans	1577	1	0x0
TimeWait	0	0	0x0
AckHold	1935	1824	0x0
SendWnd	0	0	0x0
KeepAlive	0	0	0x0
GiveUp	0	0	0x0
PmtuAger	0	0	0x0

iss: 3416681003 snduna: 3416710972 sndnxt: 3416710972 sndwnd: 16156
irs: 3419849807 rcvnxt: 3419911454 rcvwnd: 15873 delrcvwnd: 511

SRTT: 311 ms, RTT0: 781 ms, RTV: 79 ms, KRTT: 0 ms
minRTT: 4 ms, maxRTT: 808 ms, ACK hold: 300 ms
Flags: passive open, nagle, gen tcbs

Datagrams (max data segment is 536 bytes):

Rcvd: 3381 (out of order: 0), with data: 1942, total data bytes: 61646
Sent: 3508 (retransmit: 1), with data: 1575, total data bytes: 29968

BGP neighbor is 207.45.203.213, remote AS 6453, external link
Index 4, Offset 0, Mask 0x10
Inbound soft reconfiguration allowed
BGP version 4, remote router ID 207.45.203.253
BGP state = Established, table version = 1514985, up for 12:37:05
Last read 00:00:05, hold time is 180, keepalive interval is 60 seconds
Minimum time between advertisement runs is 30 seconds
Received 897848 messages, 0 notifications, 0 in queue

Sent 4095 messages, 0 notifications, 0 in queue
Outbound path policy configured
Outgoing update network filter list is 11
Route map for outgoing advertisements is Teleglobe
Connections established 7; dropped 6
Connection state is ESTAB, I/O status: 1, unread input bytes: 0
Local host: 207.45.203.214, Local port: 179
Foreign host: 207.45.203.213, Foreign port: 19098

Enqueued packets for retransmit: 0, input: 0, saved: 0

Event Timers (current time is 0x1D33BCC8):

Timer	Starts	Wakeups	Next
Retrans	761	0	0x0
TimeWait	0	0	0x0
AckHold	5238	3802	0x0
SendWnd	0	0	0x0
KeepAlive	0	0	0x0
GiveUp	0	0	0x0
PmtuAger	0	0	0x0

iss: 752870203 snduna: 752884706 sndnxt: 752884706 sndwnd: 15054
irs: 752591029 rcvnxt: 755222515 rcvwnd: 16264 delrcvwnd: 120

SRTT: 901 ms, RTT0: 2272 ms, RTV: 235 ms, KRTT: 0 ms
minRTT: 552 ms, maxRTT: 1424 ms, ACK hold: 300 ms
Flags: passive open, nagle, gen tcbs

Datagrams (max data segment is 1460 bytes):

Rcvd: 6358 (out of order: 0), with data: 5624, total data bytes: 2631485
Sent: 6158 (retransmit: 0), with data: 760, total data bytes: 14502

BGP neighbor is 207.45.203.253, remote AS 6453, external link
Index 3, Offset 0, Mask 0x8
Inbound soft reconfiguration allowed
BGP version 4, remote router ID 207.45.203.253
BGP state = Established, table version = 1514984, up for 1d21h
Last read 00:00:13, hold time is 180, keepalive interval is 60 seconds
Minimum time between advertisement runs is 30 seconds
Received 1508040 messages, 0 notifications, 0 in queue
Sent 7646 messages, 0 notifications, 0 in queue
Outbound path policy configured
Outgoing update network filter list is 11
Route map for outgoing advertisements is Teleglobe
Connections established 2; dropped 1
External BGP neighbor may be up to 255 hops away.
Connection state is ESTAB, I/O status: 1, unread input bytes: 0
Local host: 209.58.48.1, Local port: 11367
Foreign host: 207.45.203.253, Foreign port: 179

Enqueued packets for retransmit: 0, input: 0, saved: 0

Event Timers (current time is 0x1D33BCD4):

Timer	Starts	Wakeups	Next
Retrans	2739	5	0x0
TimeWait	0	0	0x0
AckHold	29746	10311	0x0
SendWnd	0	0	0x0
KeepAlive	0	0	0x0
GiveUp	0	0	0x0
PmtuAger	0	0	0x0

iss: 2555004289 snduna: 2555056279 sndnxt: 2555056279 sndwnd: 16175

irs: 2555100003 rcvnxt: 2571293376 rcvwnd: 16106 delrcvwnd: 278

SRTT: 601 ms, RTT0: 1438 ms, RTV: 118 ms, KRTT: 0 ms

minRTT: 276 ms, maxRTT: 1360 ms, ACK hold: 300 ms

Flags: higher precedence, nagle

Datagrams (max data segment is 536 bytes):

Rcvd: 44807 (out of order: 1129), with data: 42839, total data bytes: 16193372

Sent: 41819 (retransmit: 5), with data: 2733, total data bytes: 51989

ITU-ShowNet1#sh ip bgp paths

Address	Hash	Refcount	Metric	Path
0x61FF9668	0	8	0	6453 6196 i
0x61B6321C	0	4	0	6453 6196 i
0x611D4340	0	4	0	6453 6196 i
0x618DECC8	0	28	0	6453 8297 4000 6873 5403 i
0x62909290	0	1	0	5511 1239 701 7498 7603 i
0x610F2D44	0	2	0	5511 1239 7170 89 i
0x61BE9F98	0	2	0	6453 1239 1673
{1324, 1675, 1327, 4018, 1667, 1323, 1328, 7862, 1330, 1321, 1322, 1331, 1687, 1325, 1329, 1663, 425?				
0x612C677C	0	22	0	6453 1239 2685 5673 7657 7586 7652 i
0x61425C58	0	3	0	5511 1239 701 3384 6107 i
0x6217E1B0	0	4	0	6453 701 3300 1136 8232 i
0x61E534F4	0	1	0	5511 1239 2548 6753 6753 6753 6753 3258 i
0x627D41F8	0	6	0	6453 1 11015 i
0x627A8BD4	0	4	0	6453 1239 4000 6873 6798 i
0x627DD7E4	0	6	0	6453 701 11028 4926 10671 i
0x6237E6B0	0	2	0	6453 701 11028 4926 10671 i
0x628D6E94	0	10	0	6453 1239 2041 i
0x621BD674	0	512	0	6453 1239 2551 i
0x627B5324	0	34	0	6453 3561 1221 1221 1221 1221 1221 1221 7545 i
0x614DA774	0	1	0	5511 1239 2548 6753 6753 6753 6753 3258 i
0x62919C2C	0	4	0	6453 3561 1221 1221 1221 1221 1221 1221 7496 ?
0x611EA604	0	1	0	5511 1239 6453 4230 10454 ?
0x62104A54	0	20	0	6453 701 6113 8060 i
0x628E551C	0	8	0	6453 701 8077 i

0x628F3064	0	14	0 6453 701 7308 ?
0x6144FBD0	0	14	0 6453 3561 10979 i
0x619DB2F0	0	12	0 6453 6196 i
0x6113B550	0	16	0 6453 1239 3571 i
0x626F3588	0	2	0 6453 1239 8161 i
0x61098524	0	6	0 6453 701 702 5377 2614 i
0x62919450	0	4	0 6453 1239 4000 6873 6798 i
0x61140544	0	12	0 6453 6196 i
0x6279228C	0	16	0 6453 701 702 5377 2614 i
0x628B14B8	0	1	0 5511 1239 6196 3549 5033 i
0x61E86BA8	0	2	0 5511 1239 6196 3549 5033 i
0x62585B90	0	37	0 5511 1239 6453 6771 ?
0x623EF7A4	0	11	0 5511 1239 8043 3900 i
0x627DE064	0	2	0 5511 1239 3561 10891 ?
0x627D1DE0	0	1	0 5511 1239 701 4436 6565 i
0x627D1408	0	3	0 5511 1239 3561 10634 i
0x627AAACC	0	2	0 5511 1239 3847 3394 i
0x625F8428	0	1	0 5511 1239 4000 5583 8211 i
0x625B0088	0	1	0 5511 1239 1 70 i
0x625A19D0	0	1	0 5511 1239 668 13 213 i
0x62582EA4	0	2	0 5511 1239 852 852 852 3359 i
0x61066040	0	2	0 i
0x6184B8C4	1	2	0 6453 6846 5415 8349 i
0x61956B94	1	10	0 6453 8297 4000 6873 3330 i
0x62474C78	1	1	0 5511 1239 1 2637 i
0x62932D14	1	3	0 5511 1239 3857 3857 3857 3857 8011 i
0x627FE0AC	1	1	0 5511 1239 10859 i