**PROGRAM 3**

DA: 00:08:74:f9:04:ab

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 10

Packet Length: 52

Packet Id is 3422

TTL is 61

Packet Type: TCP

Source IP: 192.188.162.61

Destination IP: 129.186.215.41

TCP Header:

Source Port: 46200

Destination Port: 49340

Sequence: 4153333210

Ack: 5508152443

Header length: 0

Flags:

URG: 0

ACK: 0

PSH: 1

RST: 1

SYN: 1

FIN: 0

Window Size 12034

Check sum 59867

Urgent Pointer 26514

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 10

Packet Length: 130

Packet Id is 24441

TTL is 64

Packet Type: TCP

Source IP: 129.186.215.41

Destination IP: 192.188.162.61

TCP Header:

Source Port: 7951

Destination Port: 33210

Sequence: 5508149340

Ack: 4153323

Header length: cc

Flags:

URG: 1

ACK: 1

PSH: 1

RST: 1

SYN: 0

FIN: 1

Window Size 26514

Check sum 13693

Urgent Pointer 12034

DA: 00:08:74:f9:04:ab

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 10

Packet Length: 52

Packet Id is 56150

TTL is 61

Packet Type: TCP

Source IP: 192.188.162.61

Destination IP: 129.186.215.41

TCP Header:

Source Port: 59007

Destination Port: 49340

Sequence: 4153333210

Ack: 5508152443

Header length: 0

Flags:

URG: 0

ACK: 0

PSH: 1

RST: 1

SYN: 1

FIN: 0

Window Size 12034

Check sum 59867

Urgent Pointer 26514

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 24442

TTL is 64

Packet type: ICMP

Type: Reply

Source IP: 129.186.215.41

Destination IP: 140.112.8.130

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 24443

TTL is 64

Packet type: ICMP

Type: Reply

Source IP: 129.186.215.41

Destination IP: 145.18.10.70

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 24444

TTL is 64

Packet type: ICMP

Type: Reply

Source IP: 129.186.215.41

Destination IP: 130.237.32.143

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 24445

TTL is 64

Packet type: ICMP

Type: Reply

Source IP: 129.186.215.41

Destination IP: 142.150.210.13

DA: 00:08:74:f9:04:ab

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 37275

TTL is 240

Packet type: ICMP

Type: Request

Source IP: 140.112.8.130

Destination IP: 129.186.215.41

DA: 00:0d:65:d2:4a:e0

SA: 00:0e:0c:a2:38:88

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 70

Packet Id is 5644

TTL is 64

The packet is an UDP packet

Source IP: 129.186.215.56

Destination IP: 129.186.1.200

DA: 00:0d:65:d2:4a:e0

SA: 00:0e:0c:a2:38:88

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 90

Packet Id is 5644

TTL is 64

The packet is an UDP packet

Source IP: 129.186.215.56

Destination IP: 129.186.1.200

DA: 00:0e:0c:a2:38:88

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 143

Packet Id is 57520

TTL is 61

The packet is an UDP packet

Source IP: 129.186.1.200

Destination IP: 129.186.215.56

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 10

Packet Length: 1075

Packet Id is 24447

TTL is 64

Packet Type: TCP

Source IP: 129.186.215.41

Destination IP: 192.188.162.61

TCP Header:

Source Port: 7000

Destination Port: 33210

Sequence: 5508149340

Ack: 4153323

Header length: cc

Flags:

URG: 1

ACK: 1

PSH: 1

RST: 1

SYN: 0

FIN: 1

Window Size 26514

Check sum 13771

Urgent Pointer 12034

DA: 00:0d:65:d2:4a:e0

SA: 00:0e:0c:a2:38:88

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 73

Packet Id is 5661

TTL is 64

The packet is an UDP packet

Source IP: 129.186.215.56

Destination IP: 129.186.1.200

DA: 00:0e:0c:a2:38:88

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 137

Packet Id is 57559

TTL is 61

The packet is an UDP packet

Source IP: 129.186.1.200

Destination IP: 129.186.215.56

DA: 00:0d:65:d2:4a:e0

SA: 00:0e:0c:a2:38:88

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 73

Packet Id is 5661

TTL is 64

The packet is an UDP packet

Source IP: 129.186.215.56

Destination IP: 129.186.1.200

DA: 00:0e:0c:a2:38:88

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 137

Packet Id is 57562

TTL is 61

The packet is an UDP packet

Source IP: 129.186.1.200

Destination IP: 129.186.215.56

DA: 00:0d:65:d2:4a:e0

SA: 00:0e:0c:a2:38:88

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 60

Packet Id is 57794

TTL is 64

Packet Type: TCP

Source IP: 129.186.215.56

Destination IP: 65.110.227.219

TCP Header:

Source Port: 55996

Destination Port: 33210

Sequence: 5509616750

Ack: 5833159759

Header length: 0

Flags:

URG: 0

ACK: 0

PSH: 1

RST: 0

SYN: 1

FIN: 0

Window Size 34893

Check sum 63455

Urgent Pointer 0

DA: 00:08:74:f9:04:ab

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 10

Packet Length: 52

Packet Id is 6764

TTL is 61

Packet Type: TCP

Source IP: 192.188.162.61

Destination IP: 129.186.215.41

TCP Header:

Source Port: 42858

Destination Port: 49340

Sequence: 4153333210

Ack: 5508152443

Header length: 0

Flags:

URG: 0

ACK: 0

PSH: 1

RST: 1

SYN: 1

FIN: 0

Window Size 12034

Check sum 59867

Urgent Pointer 26514

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 10

Packet Length: 1454

Packet Id is 24448

TTL is 64

Packet Type: TCP

Source IP: 129.186.215.41

Destination IP: 192.188.162.61

TCP Header:

Source Port: 6620

Destination Port: 33210

Sequence: 5508149340

Ack: 4153323

Header length: cc

Flags:

URG: 1

ACK: 1

PSH: 1

RST: 1

SYN: 0

FIN: 1

Window Size 26514

Check sum 14794

Urgent Pointer 12034

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 10

Packet Length: 1454

Packet Id is 24449

TTL is 64

Packet Type: TCP

Source IP: 129.186.215.41

Destination IP: 192.188.162.61

TCP Header:

Source Port: 6619

Destination Port: 33210

Sequence: 5508149340

Ack: 4153323

Header length: cc

Flags:

URG: 1

ACK: 1

PSH: 1

RST: 1

SYN: 0

FIN: 1

Window Size 26514

Check sum 16196

Urgent Pointer 12034

DA: 00:08:74:f9:04:ab

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 10

Packet Length: 52

Packet Id is 65313

TTL is 61

Packet Type: TCP

Source IP: 192.188.162.61

Destination IP: 129.186.215.41

TCP Header:

Source Port: 49844

Destination Port: 49340

Sequence: 4153333210

Ack: 5508152443

Header length: 0

Flags:

URG: 0

ACK: 0

PSH: 1

RST: 1

SYN: 1

FIN: 0

Window Size 12034

Check sum 59867

Urgent Pointer 26514

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 10

Packet Length: 1454

Packet Id is 24450

TTL is 64

Packet Type: TCP

Source IP: 129.186.215.41

Destination IP: 192.188.162.61

TCP Header:

Source Port: 6618

Destination Port: 33210

Sequence: 5508149340

Ack: 4153323

Header length: cc

Flags:

URG: 1

ACK: 1

PSH: 1

RST: 1

SYN: 0

FIN: 1

Window Size 26514

Check sum 17598

Urgent Pointer 12034

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 10

Packet Length: 1454

Packet Id is 24451

TTL is 64

Packet Type: TCP

Source IP: 129.186.215.41

Destination IP: 192.188.162.61

TCP Header:

Source Port: 6617

Destination Port: 33210

Sequence: 5508149340

Ack: 4153323

Header length: cc

Flags:

URG: 1

ACK: 1

PSH: 1

RST: 1

SYN: 0

FIN: 1

Window Size 26514

Check sum 19000

Urgent Pointer 12034

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 10

Packet Length: 899

Packet Id is 24452

TTL is 64

Packet Type: TCP

Source IP: 129.186.215.41

Destination IP: 192.188.162.61

TCP Header:

Source Port: 7171

Destination Port: 33210

Sequence: 5508149340

Ack: 4153323

Header length: cc

Flags:

URG: 1

ACK: 1

PSH: 1

RST: 1

SYN: 0

FIN: 1

Window Size 26514

Check sum 20402

Urgent Pointer 12034

DA: 00:08:74:f9:04:ab

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 10

Packet Length: 52

Packet Id is 27002

TTL is 61

Packet Type: TCP

Source IP: 192.188.162.61

Destination IP: 129.186.215.41

TCP Header:

Source Port: 22620

Destination Port: 49340

Sequence: 4153333210

Ack: 5508152443

Header length: 0

Flags:

URG: 0

ACK: 0

PSH: 1

RST: 1

SYN: 1

FIN: 0

Window Size 12034

Check sum 59867

Urgent Pointer 26514

DA: 00:08:74:f9:04:ab

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 10

Packet Length: 52

Packet Id is 64083

TTL is 61

Packet Type: TCP

Source IP: 192.188.162.61

Destination IP: 129.186.215.41

TCP Header:

Source Port: 51074

Destination Port: 49340

Sequence: 4153333210

Ack: 5508152443

Header length: 0

Flags:

URG: 0

ACK: 0

PSH: 1

RST: 1

SYN: 1

FIN: 0

Window Size 12034

Check sum 59867

Urgent Pointer 26514

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 24453

TTL is 64

Packet type: ICMP

Type: Reply

Source IP: 129.186.215.41

Destination IP: 140.112.8.130

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 24454

TTL is 64

Packet type: ICMP

Type: Reply

Source IP: 129.186.215.41

Destination IP: 145.18.10.70

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 24455

TTL is 64

Packet type: ICMP

Type: Reply

Source IP: 129.186.215.41

Destination IP: 130.237.32.143

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 24456

TTL is 64

Packet type: ICMP

Type: Reply

Source IP: 129.186.215.41

Destination IP: 142.150.210.13

DA: 00:0d:65:d2:4a:e0

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 24457

TTL is 64

Packet type: ICMP

Type: Reply

Source IP: 129.186.215.41

Destination IP: 129.186.140.100

DA: 00:08:74:f9:04:ab

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 53445

TTL is 61

Packet type: ICMP

Type: Request

Source IP: 129.186.140.100

Destination IP: 129.186.215.41

DA: 00:50:2c:06:e6:5c

SA: 00:08:74:f9:04:ab

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 136

Packet Id is 24458

TTL is 64

The packet is an UDP packet

Source IP: 129.186.215.41

Destination IP: 129.186.215.50

DA: 00:08:74:f9:04:ab

SA: 00:50:2c:06:e6:5c

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 180

Packet Id is 23244

TTL is 64

The packet is an UDP packet

Source IP: 129.186.215.50

Destination IP: 129.186.215.41

DA: 00:08:74:f9:04:ab

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 39114

TTL is 241

Packet type: ICMP

Type: Request

Source IP: 142.150.210.13

Destination IP: 129.186.215.41

DA: ff:ff:ff:ff:ff:ff

SA: 02:02:81:ba:d7:33

DA: 00:08:74:f9:04:ab

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 44123

TTL is 115

Packet type: ICMP

Type: Request

Source IP: 145.18.10.70

Destination IP: 129.186.215.41

DA: 00:08:74:f9:04:ab

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 54740

TTL is 49

Packet type: ICMP

Type: Request

Source IP: 130.237.32.143

Destination IP: 129.186.215.41

DA: ff:ff:ff:ff:ff:ff

SA: 02:01:81:ba:d7:33

DA: 00:08:74:f9:04:ab

SA: 00:0d:65:d2:4a:e0

Packet Type: IP

IP version: 4

Header Length: 5

Type of Service: 0

Packet Length: 84

Packet Id is 37288

TTL is 240

Packet type: ICMP

Type: Request

Source IP: 140.112.8.130

Destination IP: 129.186.215.41

^C

78 packets received by filter

0 packets dropped by kernel

Packet Count:

ARP packet: 0

IP packets: 44

Broadcast packets: 4

ICMP packets: 20

TCP packets: 14

DNS packets: 0

>

**Reference:**

1. http://www.dougj.net/modules/index.html