

Packet 1 captured at 03/14/1999 01:31:36 PM; Packet size is 64(0x40)bytes

Relative time: 000:00:00.000

Delta time: 0.000.000

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 44 (Octets)

Fragment ID: 2064

Flags summary: 0x40

0... .... = Reserved

.1.. .... = Do not fragment

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops

IP protocol type: TCP (0x06)

Checksum: 0x5CA1

IP address 192.168.10.201 ->192.168.10.1

No option

Transmission Control Protocol

Port 1093 ---> 256

Sequence Number: 758958

Acknowledgement Number: 0

Header Length(MSB 4 bits): 6 (32-bit word)

Reserved(LSB 4 bits): 0

Code: 0x02

RES: 00.. .... = Reserved

URG: ..0. .... = Urgent Pointer is Invalid

ACK: ...0 .... = Acknowledgement Field is Invalid

PSH: .... 0... = No push Requested

RST: .... .0.. = No reset Connection

SYN: .... .1. = Synchronize Sequence Number

FIN: .... ...0 = More Data From Sender

Window: 8192

Checksum: 0x480D

Urgent Pointer: 0x0000

TCP Option: 020405B4

Packet 2 captured at 03/14/1999 01:31:36 PM; Packet size is 60(0x3c)bytes

Relative time: 000:00:00.050

Delta time: 0.049.995

Ethernet Version II

Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 44 (Octets)

Fragment ID: 1166

Flags summary: 0x00

0... .... = Reserved

.0.. .... = May be fragmented

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 30 seconds/hops

IP protocol type: TCP (0x06)

Checksum: 0x0224  
IP address 192.168.10.1 ->192.168.10.201  
No option

Transmission Control Protocol

Port 256 ---> 1093  
Sequence Number: 100544001  
Acknowledgement Number: 758959  
Header Length(MSB 4 bits): 6 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x12  
RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 0... = No push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... ..1. = Synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender  
Window: 4096  
Checksum: 0x25B1  
Urgent Pointer: 0x0000  
TCP Option: 02040400

Packet 3 captured at 03/14/1999 01:31:36 PM; Packet size is 64(0x40)bytes  
Relative time: 000:00:00.100  
Delta time: 0.049.995

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0  
Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability  
Total length: 40 (Octets)  
Fragment ID: 2320  
Flags summary: 0x40  
0... .... = Reserved  
.1.. .... = Do not fragment  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 128 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0x5BA5  
IP address 192.168.10.201 ->192.168.10.1  
No option

Transmission Control Protocol

Port 1093 ---> 256  
Sequence Number: 758959  
Acknowledgement Number: 100544002  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x10  
RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 0... = No push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... ..0. = No synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender  
Window: 8192  
Checksum: 0x2BBA  
Urgent Pointer: 0x0000

Packet 4 captured at 03/14/1999 01:31:36 PM; Packet size is 64(0x40)bytes  
Relative time: 000:00:00.150

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Delta time: 0.049.995
Ethernet Version II
Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0
Ethernet II Protocol Type: IP
Internet Protocol
Version(MSB 4 bits): 4
Header length(LSB 4 bits): 5 (32-bit word)
Service type: 0x00
  000. .... = 0 - Routine
  ...0 .... = Normal delay
  .... 0... = Normal throughput
  .... .0.. = Normal reliability
Total length: 44 (Octets)
Fragment ID: 2576
Flags summary: 0x40
  0... .... = Reserved
  .1.. .... = Do not fragment
  ..0. .... = Last fragment
Fragment offset(LSB 13 bits): 0 (0x00)
Time to live: 128 seconds/hops
IP protocol type: TCP (0x06)
Checksum: 0x5AA1
IP address 192.168.10.201 ->192.168.10.1
No option
Transmission Control Protocol
Port 1093 ---> 256
Sequence Number: 758959
Acknowledgement Number: 100544002
Header Length(MSB 4 bits): 5 (32-bit word)
Reserved(LSB 4 bits): 0
Code: 0x18
  RES: 00.. .... = Reserved
  URG: ..0. .... = Urgent Pointer is Invalid
  ACK: ...1 .... = Acknowledgement Field is Valid
  PSH: .... 1... = Push Requested
  RST: .... .0.. = No reset Connection
  SYN: .... .0. = No synchronize Sequence Number
  FIN: .... ...0 = More Data From Sender
Window: 8192
Checksum: 0xFBA8
Urgent Pointer: 0x0000
Data:
0000: 30 00 00 05 18 01 0b 84 ed cb          | 0.....,..

Packet 5 captured at 03/14/1999 01:31:36 PM; Packet size is 60(0x3c)bytes
Relative time: 000:00:00.200
Delta time: 0.049.995
Ethernet Version II
Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0
Ethernet II Protocol Type: IP
Internet Protocol
Version(MSB 4 bits): 4
Header length(LSB 4 bits): 5 (32-bit word)
Service type: 0x00
  000. .... = 0 - Routine
  ...0 .... = Normal delay
  .... 0... = Normal throughput
  .... .0.. = Normal reliability
Total length: 40 (Octets)
Fragment ID: 1167
Flags summary: 0x00
  0... .... = Reserved
  .0.. .... = May be fragmented
  ..0. .... = Last fragment
Fragment offset(LSB 13 bits): 0 (0x00)
Time to live: 30 seconds/hops
IP protocol type: TCP (0x06)
Checksum: 0x0227

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IP address 192.168.10.1 ->192.168.10.201  
No option  
Transmission Control Protocol  
Port 256 ---> 1093  
Sequence Number: 100544002  
Acknowledgement Number: 758963  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x10  
RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 0... = No push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... ..0. = No synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender  
Window: 4096  
Checksum: 0x3BB6  
Urgent Pointer: 0x0000

Packet 6 captured at 03/14/1999 01:31:36 PM; Packet size is 64(0x40)bytes  
Relative time: 000:00:00.250  
Delta time: 0.049.995

Ethernet Version II  
Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0  
Ethernet II Protocol Type: IP

Internet Protocol  
Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability  
Total length: 44 (Octets)  
Fragment ID: 2832  
Flags summary: 0x40  
0... .... = Reserved  
.1.. .... = Do not fragment  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 128 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0x59A1  
IP address 192.168.10.201 ->192.168.10.1  
No option

Transmission Control Protocol  
Port 1093 ---> 256  
Sequence Number: 758963  
Acknowledgement Number: 100544002  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x18  
RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 1... = Push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... ..0. = No synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender  
Window: 8192  
Checksum: 0x2993  
Urgent Pointer: 0x0000

Data:  
0000: 00 09 02 0e 00 01 e2 8b 12 27 | .....<.'

Packet 7 captured at 03/14/1999 01:31:36 PM; Packet size is 60(0x3c)bytes  
Relative time: 000:00:00.300

Delta time: 0.049.995  
Ethernet Version II  
Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0  
Ethernet II Protocol Type: IP

Internet Protocol  
Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
... 0... = Normal throughput  
... .0.. = Normal reliability  
Total length: 44 (Octets)  
Fragment ID: 1168  
Flags summary: 0x00  
0... .... = Reserved  
.0.. .... = May be fragmented  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 30 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0x0222  
IP address 192.168.10.1 ->192.168.10.201  
No option

Transmission Control Protocol  
Port 256 ---> 1093  
Sequence Number: 100544002  
Acknowledgement Number: 758967  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x18  
RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 1... = Push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... .0. = No synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender  
Window: 4096  
Checksum: 0x0BA3  
Urgent Pointer: 0x0000

Data:  
0000: 30 00 00 03 00 00 | 0.....

Packet 8 captured at 03/14/1999 01:31:36 PM; Packet size is 64(0x40)bytes  
Relative time: 000:00:00.350  
Delta time: 0.049.995

Ethernet Version II  
Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0  
Ethernet II Protocol Type: IP

Internet Protocol  
Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
... 0... = Normal throughput  
... .0.. = Normal reliability  
Total length: 44 (Octets)  
Fragment ID: 3088  
Flags summary: 0x40  
0... .... = Reserved  
.1.. .... = Do not fragment  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 128 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0x58A1

```

IP address 192.168.10.201 ->192.168.10.1
No option
Transmission Control Protocol
Port 1093 ---> 256
Sequence Number: 758967
Acknowledgement Number: 100544006
Header Length(MSB 4 bits): 5 (32-bit word)
Reserved(LSB 4 bits): 0
Code: 0x18
  RES: 00.. .... = Reserved
  URG: ..0. .... = Urgent Pointer is Invalid
  ACK: ...1 .... = Acknowledgement Field is Valid
  PSH: .... 1... = Push Requested
  RST: .... .0.. = No reset Connection
  SYN: .... ..0. = No synchronize Sequence Number
  FIN: .... ...0 = More Data From Sender
Window: 8188
Checksum: 0x2BA2
Urgent Pointer: 0x0000
Data:
0000: 00 00 00 04 00 15 dd 06 b7 68          | .....h

Packet 9 captured at 03/14/1999 01:31:36 PM; Packet size is 62(0x3e)bytes
Relative time: 000:00:00.400
Delta time: 0.049.995
Ethernet Version II
Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0
Ethernet II Protocol Type: IP
Internet Protocol
Version(MSB 4 bits): 4
Header length(LSB 4 bits): 5 (32-bit word)
Service type: 0x00
  000. .... = 0 - Routine
  ...0 .... = Normal delay
  .... 0... = Normal throughput
  .... .0.. = Normal reliability
Total length: 48 (Octets)
Fragment ID: 1169
Flags summary: 0x00
  0... .... = Reserved
  .0.. .... = May be fragmented
  ..0. .... = Last fragment
Fragment offset(LSB 13 bits): 0 (0x00)
Time to live: 30 seconds/hops
IP protocol type: TCP (0x06)
Checksum: 0x021D
IP address 192.168.10.1 ->192.168.10.201
No option
Transmission Control Protocol
Port 256 ---> 1093
Sequence Number: 100544006
Acknowledgement Number: 758971
Header Length(MSB 4 bits): 5 (32-bit word)
Reserved(LSB 4 bits): 0
Code: 0x18
  RES: 00.. .... = Reserved
  URG: ..0. .... = Urgent Pointer is Invalid
  ACK: ...1 .... = Acknowledgement Field is Valid
  PSH: .... 1... = Push Requested
  RST: .... .0.. = No reset Connection
  SYN: .... ..0. = No synchronize Sequence Number
  FIN: .... ...0 = More Data From Sender
Window: 4092
Checksum: 0x70F0
Urgent Pointer: 0x0000
Data:
0000: 00 00 00 04 c0 a8 0a 01          | .....

```

Packet 10 captured at 03/14/1999 01:31:36 PM; Packet size is 64(0x40)bytes

Relative time: 000:00:00.450

Delta time: 0.049.995

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 44 (Octets)

Fragment ID: 3344

Flags summary: 0x40

0... .... = Reserved

.1.. .... = Do not fragment

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops

IP protocol type: TCP (0x06)

Checksum: 0x57A1

IP address 192.168.10.201 ->192.168.10.1

No option

Transmission Control Protocol

Port 1093 ---> 256

Sequence Number: 758971

Acknowledgement Number: 100544014

Header Length(MSB 4 bits): 5 (32-bit word)

Reserved(LSB 4 bits): 0

Code: 0x18

RES: 00.. .... = Reserved

URG: ..0. .... = Urgent Pointer is Invalid

ACK: ...1 .... = Acknowledgement Field is Valid

PSH: .... 1... = Push Requested

RST: .... .0.. = No reset Connection

SYN: .... ..0. = No synchronize Sequence Number

FIN: .... ...0 = More Data From Sender

Window: 8180

Checksum: 0x6030

Urgent Pointer: 0x0000

Data:

0000: c0 a8 0a c9 00 00 41 70 8c 38 | .....ApG8

Packet 11 captured at 03/14/1999 01:31:36 PM; Packet size is 63(0x3f)bytes

Relative time: 000:00:00.500

Delta time: 0.049.995

Ethernet Version II

Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 49 (Octets)

Fragment ID: 1170

Flags summary: 0x00

0... .... = Reserved

.0.. .... = May be fragmented

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 30 seconds/hops

```

IP protocol type: TCP (0x06)
Checksum: 0x021B
IP address 192.168.10.1 ->192.168.10.201
No option
Transmission Control Protocol
Port 256 ---> 1093
Sequence Number: 100544014
Acknowledgement Number: 758975
Header Length(MSB 4 bits): 5 (32-bit word)
Reserved(LSB 4 bits): 0
Code: 0x18
  RES: 00.. .... = Reserved
  URG: ..0. .... = Urgent Pointer is Invalid
  ACK: ...1 .... = Acknowledgement Field is Valid
  PSH: .... 1... = Push Requested
  RST: .... .0.. = No reset Connection
  SYN: .... ..0. = No synchronize Sequence Number
  FIN: .... ...0 = More Data From Sender
Window: 4096
Checksum: 0x62A3
Urgent Pointer: 0x0000
Data:
0000: 00 00 00 05 73 6b 65 79 00          | ....skey.

Packet 12 captured at 03/14/1999 01:31:36 PM; Packet size is 64(0x40)bytes
Relative time: 000:00:00.550
Delta time: 0.049.995
Ethernet Version II
Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0
Ethernet II Protocol Type: IP
Internet Protocol
Version(MSB 4 bits): 4
Header length(LSB 4 bits): 5 (32-bit word)
Service type: 0x00
  000. .... = 0 - Routine
  ...0 .... = Normal delay
  .... 0... = Normal throughput
  .... .0.. = Normal reliability
Total length: 40 (Octets)
Fragment ID: 3600
Flags summary: 0x40
  0... .... = Reserved
  .1.. .... = Do not fragment
  ..0. .... = Last fragment
  Fragment offset(LSB 13 bits): 0 (0x00)
Time to live: 128 seconds/hops
IP protocol type: TCP (0x06)
Checksum: 0x56A5
IP address 192.168.10.201 ->192.168.10.1
No option
Transmission Control Protocol
Port 1093 ---> 256
Sequence Number: 758975
Acknowledgement Number: 100544023
Header Length(MSB 4 bits): 5 (32-bit word)
Reserved(LSB 4 bits): 0
Code: 0x10
  RES: 00.. .... = Reserved
  URG: ..0. .... = Urgent Pointer is Invalid
  ACK: ...1 .... = Acknowledgement Field is Valid
  PSH: .... 0... = No push Requested
  RST: .... .0.. = No reset Connection
  SYN: .... ..0. = No synchronize Sequence Number
  FIN: .... ...0 = More Data From Sender
Window: 8171
Checksum: 0x2BAA
Urgent Pointer: 0x0000

```

Packet 13 captured at 03/14/1999 01:31:36 PM; Packet size is 60(0x3c)bytes

Relative time: 000:00:00.600

Delta time: 0.049.995

Ethernet Version II

Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 44 (Octets)

Fragment ID: 1171

Flags summary: 0x00

0... .... = Reserved

.0.. .... = May be fragmented

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 30 seconds/hops

IP protocol type: TCP (0x06)

Checksum: 0x021F

IP address 192.168.10.1 ->192.168.10.201

No option

Transmission Control Protocol

Port 256 ---> 1093

Sequence Number: 100544023

Acknowledgement Number: 758975

Header Length(MSB 4 bits): 5 (32-bit word)

Reserved(LSB 4 bits): 0

Code: 0x18

RES: 00.. .... = Reserved

URG: ..0. .... = Urgent Pointer is Invalid

ACK: ...1 .... = Acknowledgement Field is Valid

PSH: .... 1... = Push Requested

RST: .... .0.. = No reset Connection

SYN: .... ..0. = No synchronize Sequence Number

FIN: .... ...0 = More Data From Sender

Window: 4096

Checksum: 0x3B29

Urgent Pointer: 0x0000

Data:

0000: 00 00 00 60 00 00 | ...`..

Packet 14 captured at 03/14/1999 01:31:36 PM; Packet size is 64(0x40)bytes

Relative time: 000:00:00.650

Delta time: 0.049.995

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 44 (Octets)

Fragment ID: 4112

Flags summary: 0x40

0... .... = Reserved

.1.. .... = Do not fragment

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops

```
IP protocol type: TCP (0x06)
Checksum: 0x54A1
IP address 192.168.10.201 ->192.168.10.1
No option
Transmission Control Protocol
Port 1093 ---> 256
Sequence Number: 758975
Acknowledgement Number: 100544027
Header Length(MSB 4 bits): 5 (32-bit word)
Reserved(LSB 4 bits): 0
Code: 0x18
  RES: 00.. .... = Reserved
  URG: ..0. .... = Urgent Pointer is Invalid
  ACK: ...1 .... = Acknowledgement Field is Valid
  PSH: .... 1... = Push Requested
  RST: .... .0.. = No reset Connection
  SYN: .... ..0. = No synchronize Sequence Number
  FIN: .... ...0 = More Data From Sender
Window: 8167
Checksum: 0x2B8D
Urgent Pointer: 0x0000
Data:
0000: 00 00 00 11 00 0f 1c cd 42 55          | .....BU

Packet 15 captured at 03/14/1999 01:31:36 PM; Packet size is 60(0x3c)bytes
Relative time: 000:00:00.700
Delta time: 0.049.995
Ethernet Version II
Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0
Ethernet II Protocol Type: IP
Internet Protocol
Version(MSB 4 bits): 4
Header length(LSB 4 bits): 5 (32-bit word)
Service type: 0x00
  000. .... = 0 - Routine
  ...0 .... = Normal delay
  .... 0... = Normal throughput
  .... .0.. = Normal reliability
Total length: 40 (Octets)
Fragment ID: 1172
Flags summary: 0x00
  0... .... = Reserved
  .0.. .... = May be fragmented
  ..0. .... = Last fragment
  Fragment offset(LSB 13 bits): 0 (0x00)
Time to live: 30 seconds/hops
IP protocol type: TCP (0x06)
Checksum: 0x0222
IP address 192.168.10.1 ->192.168.10.201
No option
Transmission Control Protocol
Port 256 ---> 1093
Sequence Number: 100544027
Acknowledgement Number: 758979
Header Length(MSB 4 bits): 5 (32-bit word)
Reserved(LSB 4 bits): 0
Code: 0x10
  RES: 00.. .... = Reserved
  URG: ..0. .... = Urgent Pointer is Invalid
  ACK: ...1 .... = Acknowledgement Field is Valid
  PSH: .... 0... = No push Requested
  RST: .... .0.. = No reset Connection
  SYN: .... ..0. = No synchronize Sequence Number
  FIN: .... ...0 = More Data From Sender
Window: 4096
Checksum: 0x3B8D
Urgent Pointer: 0x0000
```

Packet 16 captured at 03/14/1999 01:31:36 PM; Packet size is 79(0x4f)bytes

Relative time: 000:00:00.767

Delta time: 0.066.660

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 61 (Octets)

Fragment ID: 4368

Flags summary: 0x40

0... .... = Reserved

.1.. .... = Do not fragment

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops

IP protocol type: TCP (0x06)

Checksum: 0x5390

IP address 192.168.10.201 ->192.168.10.1

No option

Transmission Control Protocol

Port 1093 ---> 256

Sequence Number: 758979

Acknowledgement Number: 100544027

Header Length(MSB 4 bits): 5 (32-bit word)

Reserved(LSB 4 bits): 0

Code: 0x18

RES: 00.. .... = Reserved

URG: ..0. .... = Urgent Pointer is Invalid

ACK: ...1 .... = Acknowledgement Field is Valid

PSH: .... 1... = Push Requested

RST: .... .0.. = No reset Connection

SYN: .... ..0. = No synchronize Sequence Number

FIN: .... ...0 = More Data From Sender

Window: 8167

Checksum: 0xFA96

Urgent Pointer: 0x0000

Data:

0000: 63 65 61 62 39 66 66 62 31 65 34 65 36 62 30 35 | ceab9ffb1e4e6b05

0010: 00 00 00 00 00 00 8e 10 c0 5d | .....Ž...]

Packet 17 captured at 03/14/1999 01:31:36 PM; Packet size is 60(0x3c)bytes

Relative time: 000:00:00.850

Delta time: 0.083.325

Ethernet Version II

Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 44 (Octets)

Fragment ID: 1173

Flags summary: 0x00

0... .... = Reserved

.0.. .... = May be fragmented

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 30 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0x021D  
IP address 192.168.10.1 ->192.168.10.201  
No option

Transmission Control Protocol

Port 256 ---> 1093  
Sequence Number: 100544027  
Acknowledgement Number: 759000  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x18  
RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 1... = Push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... ..0. = No synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender  
Window: 4096  
Checksum: 0x3B6B  
Urgent Pointer: 0x0000

Data:  
0000: 00 00 00 01 00 00 | .....

Packet 18 captured at 03/14/1999 01:31:36 PM; Packet size is 64(0x40)bytes

Relative time: 000:00:00.934  
Delta time: 0.083.325

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0  
Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability  
Total length: 44 (Octets)  
Fragment ID: 4624  
Flags summary: 0x40  
0... .... = Reserved  
.1.. .... = Do not fragment  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0x52A1  
IP address 192.168.10.201 ->192.168.10.1  
No option

Transmission Control Protocol

Port 1093 ---> 256  
Sequence Number: 759000  
Acknowledgement Number: 100544031  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x18  
RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 1... = Push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... ..0. = No synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender  
Window: 8163  
Checksum: 0xDE28  
Urgent Pointer: 0x0000

Data:  
0000: 00 00 4d 5c 15 00 63 d7 f7 f0 | ..M\..c...

Packet 19 captured at 03/14/1999 01:31:37 PM; Packet size is 1082(0x43a)bytes

Relative time: 000:00:01.017

Delta time: 0.083.325

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 1064 (Octets)

Fragment ID: 4880

Flags summary: 0x40

0... .... = Reserved

.1.. .... = Do not fragment

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops

IP protocol type: TCP (0x06)

Checksum: 0x4DA5

IP address 192.168.10.201 ->192.168.10.1

No option

Transmission Control Protocol

Port 1093 ---> 256

Sequence Number: 759004

Acknowledgement Number: 100544031

Header Length(MSB 4 bits): 5 (32-bit word)

Reserved(LSB 4 bits): 0

Code: 0x10

RES: 00.. .... = Reserved

URG: ..0. .... = Urgent Pointer is Invalid

ACK: ...1 .... = Acknowledgement Field is Valid

PSH: .... 0... = No push Requested

RST: .... .0.. = No reset Connection

SYN: .... .0. = No synchronize Sequence Number

FIN: .... ...0 = More Data From Sender

Window: 8163

Checksum: 0x9538

Urgent Pointer: 0x0000

Data:  
0000: 00 00 00 3c 53 74 61 6e 64 61 72 64 5f 66 61 73 | ...<Standard\_fas  
0010: 74 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | t.....  
0020: 00 00 00 00 37 5d 48 2d 00 00 00 2f c9 0a a8 c0 | ....7]H-.../....  
0030: 4f 99 05 26 00 00 08 bc 00 00 00 00 00 00 04 04 | O..&.....  
0040: 23 20 44 3a 5c 57 49 4e 4e 54 5c 46 57 5c 74 6d | # D:\WINNT\FW\tm  
0050: 70 5c 53 74 61 6e 64 61 72 64 5f 66 61 73 74 2e | p)\Standard\_fast.  
0060: 63 70 70 20 63 6f 6d 70 69 6c 65 64 20 62 79 20 | cpp compiled by  
0070: 63 6f 6d 70 20 61 74 20 20 38 4a 75 6e 39 39 20 | comp at 8Jun99  
0080: 31 33 3a 34 33 3a 32 35 0a 25 20 66 6f 72 6d 61 | 13:43:25.% forma  
0090: 74 3a 20 5f 5f 66 77 5f 69 66 5f 66 6f 72 6d 61 | t: \_\_fw\_if\_forma  
00a0: 74 5f 5f 20 31 0a 22 22 20 22 69 6e 74 22 20 0a | t\_\_ 1." "int" .  
00b0: 25 20 66 6f 72 6d 61 74 3a 20 5f 5f 66 77 5f 68 | % format: \_\_fw\_h  
00c0: 6f 73 74 5f 66 6f 72 6d 61 74 5f 5f 20 32 0a 22 | ost\_format\_\_ 2."  
00d0: 22 20 22 69 70 61 64 64 72 22 20 0a 25 20 66 6f | " "ipaddr" .% fo  
00e0: 72 6d 61 74 3a 20 5f 5f 66 77 5f 6e 65 74 5f 66 | rmat: \_\_fw\_net\_f  
00f0: 6f 72 6d 61 74 5f 5f 20 33 0a 22 22 20 22 69 70 | ormat\_\_ 3." "ip  
0100: 61 64 64 72 22 20 0a 25 20 66 6f 72 6d 61 74 3a | addr" .% format:  
0110: 20 73 68 6f 72 74 20 34 0a 22 70 72 6f 74 6f 22 | short 4."proto"  
0120: 20 22 70 72 6f 74 6f 22 20 0a 22 73 72 63 22 20 | "proto" ."src"  
0130: 22 69 70 61 64 64 72 22 20 0a 22 64 73 74 22 20 | "ipaddr" ."dst"  
0140: 22 69 70 61 64 64 72 22 20 0a 22 73 65 72 76 69 | "ipaddr" ."servi

```

0150: 63 65 22 20 22 70 6f 72 74 22 20 0a 25 20 66 6f | ce" "port" .% fo
0160: 72 6d 61 74 3a 20 69 63 6d 70 5f 73 68 6f 72 74 | rmat: icmp_short
0170: 20 35 0a 22 70 72 6f 74 6f 22 20 22 70 72 6f 74 | 5."proto" "prot
0180: 6f 22 20 0a 22 73 72 63 22 20 22 69 70 61 64 64 | o" ."src" "ipadd
0190: 72 22 20 0a 22 64 73 74 22 20 22 69 70 61 64 64 | r" ."dst" "ipadd
01a0: 72 22 20 0a 25 20 66 6f 72 6d 61 74 3a 20 72 70 | r" .% format: rp
01b0: 63 5f 73 68 6f 72 74 20 36 0a 22 70 72 6f 74 6f | c_short 6."proto
01c0: 22 20 22 70 72 6f 74 6f 22 20 0a 22 73 72 63 22 | " "proto" ."src"
01d0: 20 22 69 70 61 64 64 72 22 20 0a 22 64 73 74 22 | "ipaddr" ."dst"
01e0: 20 22 69 70 61 64 64 72 22 20 0a 22 73 65 72 76 | "ipaddr" ."serv
01f0: 69 63 65 22 20 22 70 6f 72 74 22 20 0a 22 72 70 | ice" "port" ."rp
0200: 63 5f 70 72 6f 67 22 20 22 69 6e 74 22 20 0a 25 | c_prog" "int" .%
0210: 20 66 6f 72 6d 61 74 3a 20 6c 6f 6e 67 20 37 0a | format: long 7.
0220: 22 70 72 6f 74 6f 22 20 22 70 72 6f 74 6f 22 20 | "proto" "proto"
0230: 0a 22 73 72 63 22 20 22 69 70 61 64 64 72 22 20 | ."src" "ipaddr"
0240: 0a 22 64 73 74 22 20 22 69 70 61 64 64 72 22 20 | ."dst" "ipaddr"
0250: 0a 22 73 65 72 76 69 63 65 22 20 22 70 6f 72 74 | ."service" "port
0260: 22 20 0a 22 73 5f 70 6f 72 74 22 20 22 70 6f 72 | " ."s_port" "por
0270: 74 22 20 0a 22 6c 65 6e 22 20 22 69 6e 74 22 20 | t" ."len" "int"
0280: 0a 22 72 75 6c 65 22 20 22 72 75 6c 65 22 20 0a | ."rule" "rule" .
0290: 25 20 66 6f 72 6d 61 74 3a 20 73 79 6e 61 74 6b | % format: synatk
02a0: 20 38 0a 22 70 72 6f 74 6f 22 20 22 70 72 6f 74 | 8."proto" "prot
02b0: 6f 22 20 0a 22 73 72 63 22 20 22 69 70 61 64 64 | o" ."src" "ipadd
02c0: 72 22 20 0a 22 64 73 74 22 20 22 69 70 61 64 64 | r" ."dst" "ipadd
02d0: 72 22 20 0a 22 73 65 72 76 69 63 65 22 20 22 70 | r" ."service" "p
02e0: 6f 72 74 22 20 0a 22 73 5f 70 6f 72 74 22 20 22 | ort" ."s_port" "
02f0: 70 6f 72 74 22 20 0a 22 72 75 6c 65 22 20 22 72 | port" ."rule" "r
0300: 75 6c 65 22 20 0a 22 6d 65 73 73 61 67 65 22 20 | ule" ."message"
0310: 22 73 74 72 69 6e 67 22 20 0a 25 20 66 6f 72 6d | "string" .% form
0320: 61 74 3a 20 69 63 6d 70 5f 6c 6f 6e 67 20 39 0a | at: icmp_long 9.
0330: 22 70 72 6f 74 6f 22 20 22 70 72 6f 74 6f 22 20 | "proto" "proto"
0340: 0a 22 73 72 63 22 20 22 69 70 61 64 64 72 22 20 | ."src" "ipaddr"
0350: 0a 22 64 73 74 22 20 22 69 70 61 64 64 72 22 20 | ."dst" "ipaddr"
0360: 0a 22 72 75 6c 65 22 20 22 72 75 6c 65 22 20 0a | ."rule" "rule" .
0370: 22 69 63 6d 70 2d 74 79 70 65 22 20 22 69 6e 74 | "icmp-type" "int
0380: 22 20 0a 22 69 63 6d 70 2d 63 6f 64 65 22 20 22 | " ."icmp-code" "
0390: 69 6e 74 22 20 0a 25 20 66 6f 72 6d 61 74 3a 20 | int" .% format:
03a0: 72 70 63 5f 6c 6f 6e 67 20 61 0a 22 70 72 6f 74 | rpc_long a."prot
03b0: 6f 22 20 22 70 72 6f 74 6f 22 20 0a 22 73 72 63 | o" "proto" ."src
03c0: 22 20 22 69 70 61 64 64 72 22 20 0a 22 64 73 74 | " "ipaddr" ."dst
03d0: 22 20 22 69 70 61 64 64 72 22 20 0a 22 73 65 72 | " "ipaddr" ."ser
03e0: 76 69 63 65 22 20 22 70 6f 72 74 22 20 0a 22 72 | vice" "port" ."r
03f0: 70 63 5f 70 72 6f 67 22 20 22 69 6e 74 22 20 0a | pc_prog" "int" .
0400: 03 be de c3 | ....

```

Packet 20 captured at 03/14/1999 01:31:37 PM; Packet size is 1082(0x43a)bytes

Relative time: 000:00:01.100

Delta time: 0.083.325

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 1064 (Octets)

Fragment ID: 5136

Flags summary: 0x40

0... .... = Reserved

.1.. .... = Do not fragment

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops

IP protocol type: TCP (0x06)

Checksum: 0x4CA5  
IP address 192.168.10.201 ->192.168.10.1  
No option

Transmission Control Protocol

Port 1093 ---> 256  
Sequence Number: 760028  
Acknowledgement Number: 100544031  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x10

RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 0... = No push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... .0. = No synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender

Window: 8163  
Checksum: 0xA1D4  
Urgent Pointer: 0x0000

Data:  
0000: 22 72 75 6c 65 22 20 22 72 75 6c 65 22 20 0a 25 | "rule" "rule" .%  
0010: 20 66 6f 72 6d 61 74 3a 20 62 61 64 69 70 5f 66 | format: badip\_f  
0020: 6f 72 6d 20 62 0a 22 70 72 6f 74 6f 22 20 22 70 | orm b."proto" "p  
0030: 72 6f 74 6f 22 20 0a 22 73 65 72 76 69 63 65 22 | roto" ."service"  
0040: 00 00 04 04 20 22 70 6f 72 74 22 20 0a 22 73 72 | .... "port" ."sr  
0050: 63 22 20 22 69 70 61 64 64 72 22 20 0a 22 64 73 | c" "ipaddr" ."ds  
0060: 74 22 20 22 69 70 61 64 64 72 22 20 0a 22 73 5f | t" "ipaddr" ."s\_  
0070: 70 6f 72 74 22 20 22 70 6f 72 74 22 20 0a 22 68 | port" "port" ."h  
0080: 5f 6c 65 6e 22 20 22 69 6e 74 22 20 0a 22 69 70 | \_len" "int" ."ip  
0090: 5f 76 65 72 73 22 20 22 69 6e 74 22 20 0a 22 72 | \_vers" "int" ."r  
00a0: 75 6c 65 22 20 22 72 75 6c 65 22 20 0a 25 20 66 | ule" "rule" .% f  
00b0: 6f 72 6d 61 74 3a 20 69 63 6d 70 5f 62 61 64 69 | ormat: icmp\_badi  
00c0: 70 5f 66 6f 72 6d 20 63 0a 22 70 72 6f 74 6f 22 | p\_form c."proto"  
00d0: 22 22 70 72 6f 74 6f 22 20 0a 22 73 72 63 22 20 | "proto" ."src"  
00e0: 22 69 70 61 64 64 72 22 20 0a 22 64 73 74 22 20 | "ipaddr" ."dst"  
00f0: 22 69 70 61 64 64 72 22 20 0a 22 69 63 6d 70 2d | "ipaddr" ."icmp-  
0100: 74 79 70 65 22 20 22 68 65 78 22 20 0a 22 69 63 | type" "hex" ."ic  
0110: 6d 70 2d 63 6f 64 65 22 20 22 68 65 78 22 20 0a | mp-code" "hex" .  
0120: 22 68 5f 6c 65 6e 22 20 22 69 6e 74 22 20 0a 22 | "h\_len" "int" ."  
0130: 69 70 5f 76 65 72 73 22 20 22 69 6e 74 22 20 0a | ip\_vers" "int" .  
0140: 22 72 75 6c 65 22 20 22 72 75 6c 65 22 20 0a 25 | "rule" "rule" .%  
0150: 20 66 6f 72 6d 61 74 3a 20 68 6f 73 74 5f 63 6f | format: host\_co  
0160: 75 6e 74 5f 66 6f 72 6d 61 74 20 64 0a 22 6c 69 | unt\_format d."li  
0170: 63 65 6e 73 65 20 76 69 6f 6c 61 74 69 6f 6e 20 | cense violation  
0180: 64 65 74 65 63 74 65 64 22 20 22 69 70 61 64 64 | detected" "ipadd  
0190: 72 22 20 0a 25 20 66 6f 72 6d 61 74 3a 20 73 61 | r" .% format: sa  
01a0: 6d 20 65 0a 22 73 72 63 22 20 22 69 70 61 64 64 | m e."src" "ipadd  
01b0: 72 22 20 0a 22 73 5f 70 6f 72 74 22 20 22 70 6f | r" ."s\_port" "po  
01c0: 72 74 22 20 0a 22 64 73 74 22 20 22 69 70 61 64 | rt" ."dst" "ipad  
01d0: 64 72 22 20 0a 22 73 65 72 76 69 63 65 22 20 22 | dr" ."service" "  
01e0: 70 6f 72 74 22 20 0a 22 72 65 71 75 65 73 74 22 | port" ."request"  
01f0: 20 22 73 74 72 69 6e 67 22 20 0a 22 74 61 72 67 | "string" ."targ  
0200: 65 74 22 20 22 69 70 61 64 64 72 22 20 0a 22 65 | et" "ipaddr" ."e  
0210: 78 70 69 72 65 22 20 22 69 6e 74 22 20 0a 25 20 | xpire" "int" .%  
0220: 66 6f 72 6d 61 74 3a 20 70 6d 61 70 5f 66 65 74 | format: pmap\_fet  
0230: 63 68 20 66 0a 22 6d 61 67 69 63 22 20 22 68 65 | ch f."magic" "he  
0240: 78 22 20 0a 22 6e 61 72 67 73 22 20 22 69 6e 74 | x" ."nargs" "int  
0250: 22 20 0a 22 64 73 74 22 20 22 69 70 61 64 64 72 | " ."dst" "ipaddr  
0260: 22 20 0a 22 74 72 61 70 20 70 6d 61 70 5f 66 65 | " ."trap pmap\_fe  
0270: 74 63 68 22 20 22 69 6e 74 22 20 0a 25 20 66 6f | tch" "int" .% fo  
0280: 72 6d 61 74 3a 20 64 65 62 75 67 5f 74 75 6e 6e | rmat: debug\_tunn  
0290: 65 6c 20 31 30 0a 22 6d 61 67 69 63 22 20 22 68 | el 10."magic" "h  
02a0: 65 78 22 20 0a 22 6e 61 72 67 73 22 20 22 69 6e | ex" ."nargs" "in  
02b0: 74 22 20 0a 22 64 73 74 22 20 22 69 70 61 64 64 | t" ."dst" "ipadd  
02c0: 72 22 20 0a 22 70 6f 72 74 22 20 22 70 6f 72 74 | r" ."port" "port  
02d0: 22 20 0a 22 62 61 64 69 70 22 20 22 68 65 78 22 | " ."badip" "hex"  
02e0: 20 0a 22 74 72 61 70 20 64 65 62 75 67 5f 74 75 | ."trap debug\_tu

```

02f0: 6e 6e 65 6c 22 20 22 69 6e 74 22 20 0a 25 20 66 | nnel" "int" .% f
0300: 6f 72 6d 61 74 3a 20 74 72 61 70 5f 65 78 65 63 | ormat: trap_exec
0310: 75 74 65 20 31 31 0a 22 6d 61 67 69 63 22 20 22 | ute 11."magic" "
0320: 68 65 78 22 20 0a 22 6e 61 72 67 73 22 20 22 69 | hex" ."nargs" "i
0330: 6e 74 22 20 0a 22 73 72 63 22 20 22 69 70 61 64 | nt" ."src" "ipad
0340: 64 72 22 20 0a 22 73 5f 70 6f 72 74 22 20 22 70 | dr" ."s_port" "p
0350: 6f 72 74 22 20 0a 22 64 73 74 22 20 22 69 70 61 | ort" ."dst" "ipa
0360: 64 64 72 22 20 0a 22 73 65 72 76 69 63 65 22 20 | ddr" ."service"
0370: 22 70 6f 72 74 22 20 0a 22 70 72 6f 74 6f 22 20 | "port" ."proto"
0380: 22 70 72 6f 74 6f 22 20 0a 22 70 61 63 6b 65 74 | "proto" ."packet
0390: 69 64 22 20 22 69 6e 74 22 20 0a 22 70 72 6f 67 | id" "int" ."prog
03a0: 20 6e 75 6d 22 20 22 69 6e 74 22 20 0a 22 74 72 | num" "int" ."tr
03b0: 61 70 20 65 78 65 63 75 74 65 22 20 22 69 6e 74 | ap execute" "int
03c0: 22 20 0a 25 20 66 6f 72 6d 61 74 3a 20 61 6c 65 | " .% format: ale
03d0: 72 74 5f 74 61 62 20 31 32 0a 25 20 66 6f 72 6d | rt_tab 12.% form
03e0: 61 74 3a 20 73 6e 6d 70 74 72 61 70 5f 74 61 62 | at: snmptrap_tab
03f0: 20 31 33 0a 25 20 66 6f 72 6d 61 74 3a 20 6d 61 | 13.% format: ma
0400: 35 ae 46 17 | 5.F.

```

Packet 21 captured at 03/14/1999 01:31:37 PM; Packet size is 1082(0x43a)bytes

Relative time: 000:00:01.184

Delta time: 0.083.325

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 1064 (Octets)

Fragment ID: 5392

Flags summary: 0x40

0... .... = Reserved

.1.. .... = Do not fragment

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops

IP protocol type: TCP (0x06)

Checksum: 0x4BA5

IP address 192.168.10.201 ->192.168.10.1

No option

Transmission Control Protocol

Port 1093 ---> 256

Sequence Number: 761052

Acknowledgement Number: 100544031

Header Length(MSB 4 bits): 5 (32-bit word)

Reserved(LSB 4 bits): 0

Code: 0x10

RES: 00.. .... = Reserved

URG: ..0. .... = Urgent Pointer is Invalid

ACK: ...1 .... = Acknowledgement Field is Valid

PSH: .... 0... = No push Requested

RST: .... .0.. = No reset Connection

SYN: .... ..0. = No synchronize Sequence Number

FIN: .... ...0 = More Data From Sender

Window: 8163

Checksum: 0x655D

Urgent Pointer: 0x0000

Data:

```

0000: 69 6c 5f 74 61 62 20 31 34 0a 25 20 66 6f 72 6d | il_tab 14.% form
0010: 61 74 3a 20 75 73 65 72 61 6c 65 72 74 5f 74 61 | at: useralert_ta
0020: 62 20 31 35 0a 25 20 66 6f 72 6d 61 74 3a 20 73 | b 15.% format: s
0030: 70 6f 6f 66 61 6c 65 72 74 5f 74 61 62 20 31 36 | poofalert_tab 16
0040: 0a 25 20 66 00 00 00 c0 6f 72 6d 61 74 3a 20 75 | .% f....ormat: u

```

```

0050: 73 65 72 61 75 74 68 61 6c 65 72 74 5f 74 61 62 | serauthalert_tab
0060: 20 31 37 0a 25 20 61 63 74 69 6f 6e 3a 20 22 21 | 17.% action: "!
0070: 5b 61 6c 65 72 74 5d 22 20 30 0a 25 20 61 63 74 | [alert]" 0.% act
0080: 69 6f 6e 3a 20 22 21 5b 73 6e 6d 70 74 72 61 70 | ion: "![snmptrap
0090: 5d 22 20 31 0a 25 20 61 63 74 69 6f 6e 3a 20 22 | ]" 1.% action: "
00a0: 21 5b 6d 61 69 6c 5d 22 20 32 0a 25 20 61 63 74 | ![mail]" 2.% act
00b0: 69 6f 6e 3a 20 22 21 5b 75 73 65 72 61 6c 65 72 | ion: "![useraler
00c0: 74 5d 22 20 33 0a 25 20 61 63 74 69 6f 6e 3a 20 | t]" 3.% action:
00d0: 22 21 5b 73 70 6f 6f 66 61 6c 65 72 74 5d 22 20 | "![spoofalert]"
00e0: 34 0a 25 20 61 63 74 69 6f 6e 3a 20 22 21 5b 75 | 4.% action: "![u
00f0: 73 65 72 61 75 74 68 61 6c 65 72 74 5d 22 20 35 | serauthalert]" 5
0100: 0a 00 00 00 00 00 00 00 00 00 18 58 79 6c 61 | .....Xyla
0110: 6e 53 77 69 74 63 68 5f 6c 69 73 74 00 00 00 00 | nSwitch_list....
0120: 00 00 00 18 6c 6f 30 00 00 00 00 00 00 00 00 | .....lo0.....
0130: 00 00 00 00 00 00 06 00 00 00 00 00 00 00 00 | .....
0140: 58 79 6c 61 6e 53 77 69 74 63 68 5f 6c 69 73 74 | XylanSwitch_list
0150: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0160: 00 00 00 01 00 00 00 29 5f 5f 66 77 5f 69 66 5f | .....)_fw_if_
0170: 66 6f 72 6d 61 74 5f 5f 00 00 00 00 00 00 00 | format_.....
0180: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0190: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
01a0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
01b0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
01c0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
01d0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
01e0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
01f0: 00 00 00 00 00 00 00 00 00 00 00 bc 58 79 6c 61 | .....Xyla
0200: 6e 53 77 69 74 63 68 5f 74 62 6c 00 00 00 00 00 | nSwitch_tbl....
0210: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 02 | .....
0220: 00 00 00 28 00 00 00 00 00 00 00 00 00 00 00 | ...(.
0230: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0240: 00 00 00 00 00 00 00 00 00 00 02 00 00 06 00 | .....
0250: 00 00 00 00 00 00 00 00 00 00 03 01 00 00 32 | .....2
0260: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0270: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0280: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0290: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
02a0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
02b0: 00 00 00 00 00 00 00 c0 73 65 72 76 65 72 73 5f | .....servers_
02c0: 6c 69 73 74 00 00 00 00 00 00 00 00 00 00 00 | list.....
02d0: 00 00 00 00 00 00 00 00 00 00 00 00 01 00 00 27 | .....
02e0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
02f0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0300: 00 00 00 01 00 00 00 00 00 00 00 00 00 00 00 | .....
0310: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0320: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0330: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0340: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0350: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0360: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 | .....
0370: 00 00 00 00 00 00 00 c0 75 66 70 5f 73 65 72 76 | .....ufp_serv
0380: 65 72 73 5f 6c 69 73 74 00 00 00 00 00 00 00 | ers_list.....
0390: 00 00 00 00 00 00 00 00 00 00 00 01 00 00 26 | .....&
03a0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
03b0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
03c0: 00 00 00 01 00 00 00 00 00 00 00 00 00 00 00 | .....
03d0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
03e0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
03f0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0400: 27 ec 10 67 | '..g

```

Packet 22 captured at 03/14/1999 01:31:37 PM; Packet size is 60(0x3c)bytes

Relative time: 000:00:01.267

Delta time: 0.083.325

Ethernet Version II

Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
    000. .... = 0 - Routine  
    ...0 .... = Normal delay  
    .... 0... = Normal throughput  
    .... .0.. = Normal reliability  
Total length: 40 (Octets)  
Fragment ID: 1174  
Flags summary: 0x00  
    0... .... = Reserved  
    .0.. .... = May be fragmented  
    ..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 30 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0x0220  
IP address 192.168.10.1 ->192.168.10.201  
No option

Transmission Control Protocol

Port 256 ---> 1093  
Sequence Number: 100544031  
Acknowledgement Number: 762076  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x10  
    RES: 00.. .... = Reserved  
    URG: ..0. .... = Urgent Pointer is Invalid  
    ACK: ...1 .... = Acknowledgement Field is Valid  
    PSH: .... 0... = No push Requested  
    RST: .... .0.. = No reset Connection  
    SYN: .... ..0. = No synchronize Sequence Number  
    FIN: .... ...0 = More Data From Sender  
Window: 3140  
Checksum: 0x332C  
Urgent Pointer: 0x0000

Packet 23 captured at 03/14/1999 01:31:37 PM; Packet size is 1082(0x43a)bytes

Relative time: 000:00:01.350  
Delta time: 0.083.325

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0  
Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
    000. .... = 0 - Routine  
    ...0 .... = Normal delay  
    .... 0... = Normal throughput  
    .... .0.. = Normal reliability  
Total length: 1064 (Octets)  
Fragment ID: 5648  
Flags summary: 0x40  
    0... .... = Reserved  
    .1.. .... = Do not fragment  
    ..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 128 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0x4AA5  
IP address 192.168.10.201 ->192.168.10.1  
No option

Transmission Control Protocol

Port 1093 ---> 256  
Sequence Number: 762076  
Acknowledgement Number: 100544031  
Header Length(MSB 4 bits): 5 (32-bit word)

Reserved(LSB 4 bits): 0

Code: 0x10

- RES: 00.. .... = Reserved
- URG: ..0. .... = Urgent Pointer is Invalid
- ACK: ...1 .... = Acknowledgement Field is Valid
- PSH: .... 0... = No push Requested
- RST: .... .0.. = No reset Connection
- SYN: .... ..0. = No synchronize Sequence Number
- FIN: .... ...0 = More Data From Sender

Window: 8163

Checksum: 0x772B

Urgent Pointer: 0x0000

Data:

```

0000: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0020: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 | .....
0030: 00 00 00 00 00 00 00 c0 63 76 70 5f 73 65 72 76 | .....cvp_serv
0040: 65 72 73 5f 6c 69 73 74 00 00 00 00 00 00 00 00 | ers_list.....
0050: 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00 25 | .....%
0060: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0070: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0080: 00 00 00 01 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00a0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00b0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00c0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00d0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
00e0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 | .....
00f0: 00 00 00 00 00 00 00 c0 72 61 64 69 75 73 5f 73 | .....radius_s
0100: 65 72 76 65 72 73 5f 6c 69 73 74 00 00 00 00 00 | ervers_list....
0110: 00 00 00 00 00 00 00 00 00 00 00 00 00 01 00 00 24 | .....$
0120: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0130: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0140: 00 00 00 01 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0150: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0160: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0170: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0180: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0190: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
01a0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 | .....
01b0: 00 00 00 00 00 00 00 cc 66 69 72 65 77 61 6c 6c | .....firewall
01c0: 65 64 5f 6c 69 73 74 00 00 00 00 00 00 00 00 00 | ed_list.....
01d0: 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00 23 | .....#
01e0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
01f0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0200: 00 00 00 01 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0210: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0220: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0230: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0240: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0250: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0260: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 04 | .....
0270: c0 a8 0a 01 c0 a8 0a c9 c0 a8 14 01 c0 a8 1e 01 | .....
0280: 00 00 00 bc 73 6e 6d 70 5f 72 6f 5f 74 61 62 00 | ...snmp_ro_tab.
0290: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
02a0: 00 00 00 00 00 00 00 00 02 00 00 00 22 00 00 00 | .....".
02b0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
02c0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
02d0: 00 00 00 02 00 00 02 00 00 00 00 00 00 00 00 00 | .....
02e0: 00 00 01 01 00 00 28 00 00 00 00 00 00 00 00 00 | .....(.....
02f0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0300: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0310: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0320: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0330: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 bc | .....
0340: 66 6f 72 62 69 64 64 65 6e 5f 74 61 62 00 00 00 | forbidden_tab...
0350: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0360: 00 00 00 02 00 00 21 00 00 00 00 00 00 00 00 00 | .....!.....

```

```
0370: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0380: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 01 | .....
0390: 00 00 01 01 00 00 01 2c 00 00 00 00 00 00 00 00 | .....
03a0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
03b0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
03c0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
03d0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
03e0: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
03f0: 00 00 00 00 00 00 00 00 00 00 00 bc 77 66 5f 63 | .....wF_c
0400: 93 7e 6a db | .~j.
```

Packet 24 captured at 03/14/1999 01:31:38 PM; Packet size is 60(0x3c)bytes  
Relative time: 000:00:02.950  
Delta time: 1.599.840

Ethernet Protocol

Address: 00-20-DA-6F-78-EC --->01-20-DA-02-01-01  
Length: 26

Logical Link Control

SSAP Address: 0xAA, CR bit = 0 (Command)  
DSAP Address: 0xAA, IG bit = 0 (Individual address)  
Unnumbered frame: UI

SubNetwork Access Protocol

Organization code: 0x0020da  
Type: Custom Defined

Data:

```
0000: 01 01 00 00 00 02 00 00 c0 a8 0a 01 c0 a8 14 01 | .....
0010: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 | .....
0020: 00 00 00 00 00 00 | .....
```

Packet 25 captured at 03/14/1999 01:31:56 PM; Packet size is 64(0x40)bytes  
Relative time: 000:00:20.465  
Delta time: 17.514.915

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0  
Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
... 0... = Normal throughput  
... .0.. = Normal reliability  
Total length: 46 (Octets)  
Fragment ID: 32016  
Flags summary: 0x40  
0... .... = Reserved  
.1.. .... = Do not fragment  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 128 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0xD39E  
IP address 192.168.10.201 ->192.168.30.1  
No option

Transmission Control Protocol

Port 1083 ---> File Transfer (Control)  
Sequence Number: 667399  
Acknowledgement Number: 88704167  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x18  
RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 1... = Push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... ..0. = No synchronize Sequence Number

```
FIN: .... ...0 = More Data From Sender
Window: 8027
Checksum: 0x814B
Urgent Pointer: 0x0000
File Transfer Protocol
QUIT

Packet 26 captured at 03/14/1999 01:31:56 PM; Packet size is 63(0x3f)bytes
Relative time: 000:00:20.548
Delta time: 0.083.325
Ethernet Version II
Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0
Ethernet II Protocol Type: IP
Internet Protocol
Version(MSB 4 bits): 4
Header length(LSB 4 bits): 5 (32-bit word)
Service type: 0x00
000. .... = 0 - Routine
...0 .... = Normal delay
... 0... = Normal throughput
... .0.. = Normal reliability
Total length: 49 (Octets)
Fragment ID: 1190
Flags summary: 0x00
0... .... = Reserved
..0. .... = May be fragmented
..0. .... = Last fragment
Fragment offset(LSB 13 bits): 0 (0x00)
Time to live: 30 seconds/hops
IP protocol type: TCP (0x06)
Checksum: 0xEE06
IP address 192.168.30.1 ->192.168.10.201
No option
Transmission Control Protocol
Port File Transfer (Control) ---> 1083
Sequence Number: 88704167
Acknowledgement Number: 667405
Header Length(MSB 4 bits): 5 (32-bit word)
Reserved(LSB 4 bits): 0
Code: 0x18
RES: 00.. .... = Reserved
URG: ..0. .... = Urgent Pointer is Invalid
ACK: ...1 .... = Acknowledgement Field is Valid
PSH: ... 1... = Push Requested
RST: .... .0.. = No reset Connection
SYN: .... ..0. = No synchronize Sequence Number
FIN: .... ...0 = More Data From Sender
Window: 4096
Checksum: 0x2378
Urgent Pointer: 0x0000
File Transfer Protocol
221 Bye
```

```
Packet 27 captured at 03/14/1999 01:31:56 PM; Packet size is 60(0x3c)bytes
Relative time: 000:00:20.598
Delta time: 0.049.995
Ethernet Version II
Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0
Ethernet II Protocol Type: IP
Internet Protocol
Version(MSB 4 bits): 4
Header length(LSB 4 bits): 5 (32-bit word)
Service type: 0x00
000. .... = 0 - Routine
...0 .... = Normal delay
... 0... = Normal throughput
... .0.. = Normal reliability
Total length: 40 (Octets)
```

Fragment ID: 1191  
Flags summary: 0x00  
0... .... = Reserved  
.0.. .... = May be fragmented  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 30 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0xEE0E  
IP address 192.168.30.1 ->192.168.10.201  
No option

Transmission Control Protocol

Port File Transfer (Control) ---> 1083  
Sequence Number: 88704176  
Acknowledgement Number: 667405  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x11  
RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 0... = No push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... ..0. = No synchronize Sequence Number  
FIN: .... ...1 = No more Data From Sender  
Window: 4096  
Checksum: 0x3858  
Urgent Pointer: 0x0000

Packet 28 captured at 03/14/1999 01:31:56 PM; Packet size is 64(0x40)bytes

Relative time: 000:00:20.648  
Delta time: 0.049.995

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0  
Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability  
Total length: 40 (Octets)  
Fragment ID: 33040  
Flags summary: 0x40  
0... .... = Reserved  
.1.. .... = Do not fragment  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 128 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0xCFA4  
IP address 192.168.10.201 ->192.168.30.1  
No option

Transmission Control Protocol

Port 1083 ---> File Transfer (Control)  
Sequence Number: 667405  
Acknowledgement Number: 88704177  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x10  
RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 0... = No push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... ..0. = No synchronize Sequence Number

FIN: .... ...0 = More Data From Sender  
Window: 8018  
Checksum: 0x2906  
Urgent Pointer: 0x0000

Packet 29 captured at 03/14/1999 01:31:56 PM; Packet size is 64(0x40)bytes

Relative time: 000:00:20.698

Delta time: 0.049.995

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 40 (Octets)

Fragment ID: 33296

Flags summary: 0x40

0... .... = Reserved

.1.. .... = Do not fragment

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops

IP protocol type: TCP (0x06)

Checksum: 0xCEA4

IP address 192.168.10.201 ->192.168.30.1

No option

Transmission Control Protocol

Port 1083 ---> File Transfer (Control)

Sequence Number: 667405

Acknowledgement Number: 88704177

Header Length(MSB 4 bits): 5 (32-bit word)

Reserved(LSB 4 bits): 0

Code: 0x11

RES: 00.. .... = Reserved

URG: ..0. .... = Urgent Pointer is Invalid

ACK: ...1 .... = Acknowledgement Field is Valid

PSH: .... 0... = No push Requested

RST: .... .0.. = No reset Connection

SYN: .... ..0. = No synchronize Sequence Number

FIN: .... ...1 = No more Data From Sender

Window: 8018

Checksum: 0x2905

Urgent Pointer: 0x0000

Packet 30 captured at 03/14/1999 01:31:56 PM; Packet size is 60(0x3c)bytes

Relative time: 000:00:20.748

Delta time: 0.049.995

Ethernet Version II

Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 40 (Octets)

Fragment ID: 1192

Flags summary: 0x00

0... .... = Reserved

.0.. .... = May be fragmented

```

    ..0. .... = Last fragment
    Fragment offset(LSB 13 bits): 0 (0x00)
    Time to live: 30 seconds/hops
    IP protocol type: TCP (0x06)
    Checksum: 0xEE0D
    IP address 192.168.30.1 ->192.168.10.201
    No option
Transmission Control Protocol
  Port File Transfer (Control) ---> 1083
  Sequence Number: 88704177
  Acknowledgement Number: 667406
  Header Length(MSB 4 bits): 5 (32-bit word)
  Reserved(LSB 4 bits): 0
  Code: 0x10
    RES: 00.. .... = Reserved
    URG: ..0. .... = Urgent Pointer is Invalid
    ACK: ...1 .... = Acknowledgement Field is Valid
    PSH: .... 0... = No push Requested
    RST: .... .0.. = No reset Connection
    SYN: .... ..0. = No synchronize Sequence Number
    FIN: .... ...0 = More Data From Sender
  Window: 4096
  Checksum: 0x3857
  Urgent Pointer: 0x0000

Packet 31 captured at 03/14/1999 01:32:10 PM; Packet size is 64(0x40)bytes
  Relative time: 000:00:34.680
  Delta time: 13.931.940
Ethernet Version II
  Address: 00-10-A4-FB-5F-B0 --->FF-FF-FF-FF-FF-FF
  Ethernet II Protocol Type: ARP
Address Resolution Protocol
  Hardware Type: 1 (Ethernet)
  Protocol Type: 800
  Hardware Address Length: 6
  Protocol Address Length: 4
  Operations: ARP Request
  Source Hardware Address: 00-10-A4-FB-5F-B0
  IP Source Address: 192.168.10.201
  Destination Hardware Address: C0-A8-0A-C9-00-00
  IP Destination Address: 192.168.10.2

Packet 32 captured at 03/14/1999 01:32:10 PM; Packet size is 60(0x3c)bytes
  Relative time: 000:00:34.730
  Delta time: 0.049.995
Ethernet Version II
  Address: 00-20-DA-72-F7-E5 --->00-10-A4-FB-5F-B0
  Ethernet II Protocol Type: ARP
Address Resolution Protocol
  Hardware Type: 1 (Ethernet)
  Protocol Type: 800
  Hardware Address Length: 6
  Protocol Address Length: 4
  Operations: ARP Response
  Source Hardware Address: 00-20-DA-72-F7-E5
  IP Source Address: 192.168.10.2
  Destination Hardware Address: C0-A8-0A-02-00-10
  IP Destination Address: 192.168.10.201

Packet 33 captured at 03/14/1999 01:32:10 PM; Packet size is 64(0x40)bytes
  Relative time: 000:00:34.780
  Delta time: 0.049.995
Ethernet Version II
  Address: 00-10-A4-FB-5F-B0 --->00-20-DA-72-F7-E5
  Ethernet II Protocol Type: IP
Internet Protocol
  Version(MSB 4 bits): 4
  Header length(LSB 4 bits): 5 (32-bit word)

```

Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability  
Total length: 44 (Octets)  
Fragment ID: 41488  
Flags summary: 0x40  
0... .... = Reserved  
.1.. .... = Do not fragment  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 128 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0xC29F  
IP address 192.168.10.201 ->192.168.10.2  
No option

Transmission Control Protocol

Port 1095 ---> File Transfer (Control)  
Sequence Number: 793552  
Acknowledgement Number: 0  
Header Length(MSB 4 bits): 6 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x02  
RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...0 .... = Acknowledgement Field is Invalid  
PSH: .... 0... = No push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... .1. = Synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender  
Window: 8192  
Checksum: 0xC1D2  
Urgent Pointer: 0x0000  
TCP Option: 020405B4

Packet 34 captured at 03/14/1999 01:32:10 PM; Packet size is 60(0x3c)bytes

Relative time: 000:00:34.830  
Delta time: 0.049.995

Ethernet Version II

Address: 00-20-DA-72-F7-E5 --->00-10-A4-FB-5F-B0  
Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability  
Total length: 44 (Octets)  
Fragment ID: 4010  
Flags summary: 0x00  
0... .... = Reserved  
.0.. .... = May be fragmented  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 30 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0xF706  
IP address 192.168.10.2 ->192.168.10.201  
No option

Transmission Control Protocol

Port File Transfer (Control) ---> 1095  
Sequence Number: 858624001  
Acknowledgement Number: 793553  
Header Length(MSB 4 bits): 6 (32-bit word)  
Reserved(LSB 4 bits): 0

Code: 0x12  
RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 0... = No push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... .1. = Synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender  
Window: 4096  
Checksum: 0x1047  
Urgent Pointer: 0x0000  
TCP Option: 02040400

Packet 35 captured at 03/14/1999 01:32:10 PM; Packet size is 64(0x40)bytes

Relative time: 000:00:34.880  
Delta time: 0.049.995

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-72-F7-E5  
Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
... 0... = Normal throughput  
... .0.. = Normal reliability

Total length: 40 (Octets)

Fragment ID: 41744

Flags summary: 0x40

0... .... = Reserved  
.1.. .... = Do not fragment  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops

IP protocol type: TCP (0x06)

Checksum: 0xC1A3

IP address 192.168.10.201 ->192.168.10.2

No option

Transmission Control Protocol

Port 1095 ---> File Transfer (Control)

Sequence Number: 793553

Acknowledgement Number: 858624002

Header Length(MSB 4 bits): 5 (32-bit word)

Reserved(LSB 4 bits): 0

Code: 0x10

RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 0... = No push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... .0. = No synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender

Window: 8192

Checksum: 0x1650

Urgent Pointer: 0x0000

Packet 36 captured at 03/14/1999 01:32:10 PM; Packet size is 87(0x57)bytes

Relative time: 000:00:34.930  
Delta time: 0.049.995

Ethernet Version II

Address: 00-20-DA-72-F7-E5 --->00-10-A4-FB-5F-B0  
Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine

```

    ...0 .... = Normal delay
    .... 0... = Normal throughput
    .... .0.. = Normal reliability
Total length: 73 (Octets)
Fragment ID: 4011
Flags summary: 0x00
    0... .... = Reserved
    .0.. .... = May be fragmented
    ..0. .... = Last fragment
    Fragment offset(LSB 13 bits): 0 (0x00)
Time to live: 30 seconds/hops
IP protocol type: TCP (0x06)
Checksum: 0xF6E8
IP address 192.168.10.2 ->192.168.10.201
No option
Transmission Control Protocol
Port File Transfer (Control) ---> 1095
Sequence Number: 858624002
Acknowledgement Number: 793553
Header Length(MSB 4 bits): 5 (32-bit word)
Reserved(LSB 4 bits): 0
Code: 0x18
    RES: 00.. .... = Reserved
    URG: ..0. .... = Urgent Pointer is Invalid
    ACK: ...1 .... = Acknowledgement Field is Valid
    PSH: .... 1... = Push Requested
    RST: .... .0.. = No reset Connection
    SYN: .... ..0. = No synchronize Sequence Number
    FIN: .... ...0 = More Data From Sender
Window: 4096
Checksum: 0xABD0
Urgent Pointer: 0x0000
File Transfer Protocol
    220 OmniSwitch FTP server ready

Packet 37 captured at 03/14/1999 01:32:10 PM; Packet size is 64(0x40)bytes
    Relative time: 000:00:34.980
    Delta time: 0.049.995
Ethernet Version II
    Address: 00-10-A4-FB-5F-B0 --->00-20-DA-72-F7-E5
    Ethernet II Protocol Type: IP
Internet Protocol
    Version(MSB 4 bits): 4
    Header length(LSB 4 bits): 5 (32-bit word)
    Service type: 0x00
        000. .... = 0 - Routine
        ...0 .... = Normal delay
        .... 0... = Normal throughput
        .... .0.. = Normal reliability
    Total length: 40 (Octets)
    Fragment ID: 42000
    Flags summary: 0x40
        0... .... = Reserved
        .1.. .... = Do not fragment
        ..0. .... = Last fragment
        Fragment offset(LSB 13 bits): 0 (0x00)
    Time to live: 128 seconds/hops
    IP protocol type: TCP (0x06)
    Checksum: 0xC0A3
    IP address 192.168.10.201 ->192.168.10.2
    No option
Transmission Control Protocol
    Port 1095 ---> File Transfer (Control)
    Sequence Number: 793553
    Acknowledgement Number: 858624035
    Header Length(MSB 4 bits): 5 (32-bit word)
    Reserved(LSB 4 bits): 0
    Code: 0x10

```

RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 0... = No push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... ..0. = No synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender

Window: 8159  
Checksum: 0x1650  
Urgent Pointer: 0x0000

Packet 38 captured at 03/14/1999 01:32:14 PM; Packet size is 64(0x40)bytes  
Relative time: 000:00:38.930  
Delta time: 3.949.605

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->FF-FF-FF-FF-FF-FF  
Ethernet II Protocol Type: ARP

Address Resolution Protocol

Hardware Type: 1 (Ethernet)  
Protocol Type: 800  
Hardware Address Length: 6  
Protocol Address Length: 4  
Operations: ARP Request  
Source Hardware Address: 00-10-A4-FB-5F-B0  
IP Source Address: 192.168.10.201  
Destination Hardware Address: C0-A8-0A-C9-00-00  
IP Destination Address: 192.168.10.1

Packet 39 captured at 03/14/1999 01:32:14 PM; Packet size is 60(0x3c)bytes  
Relative time: 000:00:38.980  
Delta time: 0.049.995

Ethernet Version II

Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0  
Ethernet II Protocol Type: ARP

Address Resolution Protocol

Hardware Type: 1 (Ethernet)  
Protocol Type: 800  
Hardware Address Length: 6  
Protocol Address Length: 4  
Operations: ARP Response  
Source Hardware Address: 00-20-DA-6F-78-E0  
IP Source Address: 192.168.10.1  
Destination Hardware Address: C0-A8-0A-01-00-10  
IP Destination Address: 192.168.10.201

Packet 40 captured at 03/14/1999 01:32:15 PM; Packet size is 213(0xd5)bytes  
Relative time: 000:00:39.030  
Delta time: 0.049.995

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0  
Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability  
Total length: 195 (Octets)  
Fragment ID: 61456  
Flags summary: 0x00  
0... .... = Reserved  
.0.. .... = May be fragmented  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops  
IP protocol type: UDP (0x11)

```

Checksum: 0xB3FE
IP address 192.168.10.201 ->192.168.10.1
No option
User Datagram Protocol
Port 1098 ---> 260
Total length: 175 (Octets)
Checksum: 0x5E45
Data:
0000: 30 82 00 a3 02 01 00 04 06 70 75 62 6c 69 63 a0 | 0,.....public.
0010: 81 95 02 04 5f e8 20 a7 02 01 00 02 01 00 30 82 | •..._ . ....0,
0020: 00 85 30 82 00 0f 06 0b 2b 06 01 04 01 8e 7f 01 | ...0,....+....Ž...
0030: 01 01 00 05 00 30 82 00 0f 06 0b 2b 06 01 04 01 | .....0,....+....
0040: 8e 7f 01 01 02 00 05 00 30 82 00 0f 06 0b 2b 06 | Ž.....0,....+
0050: 01 04 01 8e 7f 01 01 03 00 05 00 30 82 00 0f 06 | ...Ž.....0,....
0060: 0b 2b 06 01 04 01 8e 7f 01 01 04 00 05 00 30 82 | .+....Ž.....0,
0070: 00 0f 06 0b 2b 06 01 04 01 8e 7f 01 01 05 00 05 | .....+....Ž.....
0080: 00 30 82 00 0f 06 0b 2b 06 01 04 01 8e 7f 01 01 | .0,....+....Ž...
0090: 06 00 05 00 30 82 00 0f 06 0b 2b 06 01 04 01 8e | ....0,....+....Ž
00a0: 7f 01 01 07 00 05 00 50 0f e9 14 | .....P...

Packet 41 captured at 03/14/1999 01:32:15 PM; Packet size is 70(0x46)bytes
Relative time: 000:00:39.080
Delta time: 0.049.995
Ethernet Version II
Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0
Ethernet II Protocol Type: IP
Internet Protocol
Version(MSB 4 bits): 4
Header length(LSB 4 bits): 5 (32-bit word)
Service type: 0x00
000. .... = 0 - Routine
...0 .... = Normal delay
.... 0... = Normal throughput
.... .0.. = Normal reliability
Total length: 56 (Octets)
Fragment ID: 1195
Flags summary: 0x00
0... .... = Reserved
.0.. .... = May be fragmented
..0. .... = Last fragment
Fragment offset(LSB 13 bits): 0 (0x00)
Time to live: 32 seconds/hops
IP protocol type: ICMP (0x01)
Checksum: 0x0000 [No Checksum]
IP address 192.168.10.1 ->192.168.10.201
No option
Internet Control Message Protocol
Type: 3 - Destination Unreachable
Code: 3 - Port Unreachable
Checksum: 0xAAFE
Unused(MBZ): 0x0000-0000
<Internet Header + 64 bits of datagram>: (28 bytes)
Version(MSB 4 bits): 4
Header length(LSB 4 bits): 5 (32-bit word)
Service type: 0x00
000. .... = 0 - Routine
...0 .... = Normal delay
.... 0... = Normal throughput
.... .0.. = Normal reliability
Total length: 195 (Octets)
Fragment ID: 61456
Flags summary: 0x00
0... .... = Reserved
.0.. .... = May be fragmented
..0. .... = Last fragment
Fragment offset(LSB 13 bits): 0 (0x00)
Time to live: 128 seconds/hops
IP protocol type: UDP (0x11)

```

Checksum: 0x0000 [No Checksum]  
IP address 192.168.10.201 ->192.168.10.1  
No option  
64 bits of Datagram: (8 bytes)

Packet 42 captured at 03/14/1999 01:32:15 PM; Packet size is 70(0x46)bytes

Relative time: 000:00:39.130

Delta time: 0.049.995

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-72-F7-E5

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 52 (Octets)

Fragment ID: 61712

Flags summary: 0x40

0... .... = Reserved

.1.. .... = Do not fragment

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops

IP protocol type: TCP (0x06)

Checksum: 0x7397

IP address 192.168.10.201 ->192.168.10.2

No option

Transmission Control Protocol

Port 1095 ---> File Transfer (Control)

Sequence Number: 793553

Acknowledgement Number: 858624035

Header Length(MSB 4 bits): 5 (32-bit word)

Reserved(LSB 4 bits): 0

Code: 0x18

RES: 00.. .... = Reserved

URG: ..0. .... = Urgent Pointer is Invalid

ACK: ...1 .... = Acknowledgement Field is Valid

PSH: .... 1... = Push Requested

RST: .... .0.. = No reset Connection

SYN: .... ..0. = No synchronize Sequence Number

FIN: .... ...0 = More Data From Sender

Window: 8159

Checksum: 0x804F

Urgent Pointer: 0x0000

File Transfer Protocol

USER admin

Packet 43 captured at 03/14/1999 01:32:15 PM; Packet size is 60(0x3c)bytes

Relative time: 000:00:39.180

Delta time: 0.049.995

Ethernet Version II

Address: 00-20-DA-72-F7-E5 --->00-10-A4-FB-5F-B0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 40 (Octets)

Fragment ID: 4014

Flags summary: 0x00

0... .... = Reserved  
.0.. .... = May be fragmented  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 30 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0xF706  
IP address 192.168.10.2 ->192.168.10.201  
No option

Transmission Control Protocol

Port File Transfer (Control) ---> 1095  
Sequence Number: 858624035  
Acknowledgement Number: 793565  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x10

RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 0... = No push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... ..0. = No synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender

Window: 4094  
Checksum: 0x2625  
Urgent Pointer: 0x0000

Packet 44 captured at 03/14/1999 01:32:15 PM; Packet size is 77(0x4d)bytes  
Relative time: 000:00:39.230  
Delta time: 0.049.995

Ethernet Version II

Address: 00-20-DA-72-F7-E5 --->00-10-A4-FB-5F-B0  
Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability

Total length: 63 (Octets)  
Fragment ID: 4015  
Flags summary: 0x00  
0... .... = Reserved  
.0.. .... = May be fragmented  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 30 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0xF6EE  
IP address 192.168.10.2 ->192.168.10.201  
No option

Transmission Control Protocol

Port File Transfer (Control) ---> 1095  
Sequence Number: 858624035  
Acknowledgement Number: 793565  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x18

RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 1... = Push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... ..0. = No synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender

Window: 4096

Checksum: 0x3848  
Urgent Pointer: 0x0000  
File Transfer Protocol  
331 Password required

Packet 45 captured at 03/14/1999 01:32:15 PM; Packet size is 64(0x40)bytes  
Relative time: 000:00:39.280  
Delta time: 0.049.995

Ethernet Version II  
Address: 00-10-A4-FB-5F-B0 --->00-20-DA-72-F7-E5  
Ethernet II Protocol Type: IP

Internet Protocol  
Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability  
Total length: 40 (Octets)  
Fragment ID: 61968  
Flags summary: 0x40  
0... .... = Reserved  
.1.. .... = Do not fragment  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 128 seconds/hops  
IP protocol type: TCP (0x06)  
Checksum: 0x72A3  
IP address 192.168.10.201 ->192.168.10.2  
No option

Transmission Control Protocol  
Port 1095 ---> File Transfer (Control)  
Sequence Number: 793565  
Acknowledgement Number: 858624058  
Header Length(MSB 4 bits): 5 (32-bit word)  
Reserved(LSB 4 bits): 0  
Code: 0x10  
RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 0... = No push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... ..0. = No synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender  
Window: 8136  
Checksum: 0x1644  
Urgent Pointer: 0x0000

Packet 46 captured at 03/14/1999 01:32:17 PM; Packet size is 71(0x47)bytes  
Relative time: 000:00:41.513  
Delta time: 2.233.110

Ethernet Version II  
Address: 00-10-A4-FB-5F-B0 --->00-20-DA-72-F7-E5  
Ethernet II Protocol Type: IP

Internet Protocol  
Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability  
Total length: 53 (Octets)  
Fragment ID: 62224  
Flags summary: 0x40  
0... .... = Reserved  
.1.. .... = Do not fragment

```
    ..0. .... = Last fragment
    Fragment offset(LSB 13 bits): 0 (0x00)
Time to live: 128 seconds/hops
IP protocol type: TCP (0x06)
Checksum: 0x7196
IP address 192.168.10.201 ->192.168.10.2
No option
Transmission Control Protocol
Port 1095 ---> File Transfer (Control)
Sequence Number: 793565
Acknowledgement Number: 858624058
Header Length(MSB 4 bits): 5 (32-bit word)
Reserved(LSB 4 bits): 0
Code: 0x18
    RES: 00.. .... = Reserved
    URG: ..0. .... = Urgent Pointer is Invalid
    ACK: ...1 .... = Acknowledgement Field is Valid
    PSH: .... 1... = Push Requested
    RST: .... .0.. = No reset Connection
    SYN: .... ..0. = No synchronize Sequence Number
    FIN: .... ...0 = More Data From Sender
Window: 8136
Checksum: 0xF44C
Urgent Pointer: 0x0000
File Transfer Protocol
PASS switch

Packet 47 captured at 03/14/1999 01:32:17 PM; Packet size is 60(0x3c)bytes
Relative time: 000:00:41.663
Delta time: 0.149.985
Ethernet Version II
Address: 00-20-DA-72-F7-E5 --->00-10-A4-FB-5F-B0
Ethernet II Protocol Type: IP
Internet Protocol
Version(MSB 4 bits): 4
Header length(LSB 4 bits): 5 (32-bit word)
Service type: 0x00
    000. .... = 0 - Routine
    ...0 .... = Normal delay
    .... 0... = Normal throughput
    .... .0.. = Normal reliability
Total length: 40 (Octets)
Fragment ID: 4016
Flags summary: 0x00
    0... .... = Reserved
    .0.. .... = May be fragmented
    ..0. .... = Last fragment
    Fragment offset(LSB 13 bits): 0 (0x00)
Time to live: 30 seconds/hops
IP protocol type: TCP (0x06)
Checksum: 0xF704
IP address 192.168.10.2 ->192.168.10.201
No option
Transmission Control Protocol
Port File Transfer (Control) ---> 1095
Sequence Number: 858624058
Acknowledgement Number: 793578
Header Length(MSB 4 bits): 5 (32-bit word)
Reserved(LSB 4 bits): 0
Code: 0x10
    RES: 00.. .... = Reserved
    URG: ..0. .... = Urgent Pointer is Invalid
    ACK: ...1 .... = Acknowledgement Field is Valid
    PSH: .... 0... = No push Requested
    RST: .... .0.. = No reset Connection
    SYN: .... ..0. = No synchronize Sequence Number
    FIN: .... ...0 = More Data From Sender
Window: 4092
```

Checksum: 0x2603  
Urgent Pointer: 0x0000

Packet 48 captured at 03/14/1999 01:32:17 PM; Packet size is 80(0x50)bytes

Relative time: 000:00:41.713  
Delta time: 0.049.995

Ethernet Version II

Address: 00-20-DA-72-F7-E5 --->00-10-A4-FB-5F-B0  
Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00

000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability

Total length: 66 (Octets)

Fragment ID: 4017

Flags summary: 0x00

0... .... = Reserved  
.0.. .... = May be fragmented  
..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 30 seconds/hops

IP protocol type: TCP (0x06)

Checksum: 0xF6E9

IP address 192.168.10.2 ->192.168.10.201

No option

Transmission Control Protocol

Port File Transfer (Control) ---> 1095

Sequence Number: 858624058

Acknowledgement Number: 793578

Header Length(MSB 4 bits): 5 (32-bit word)

Reserved(LSB 4 bits): 0

Code: 0x18

RES: 00.. .... = Reserved  
URG: ..0. .... = Urgent Pointer is Invalid  
ACK: ...1 .... = Acknowledgement Field is Valid  
PSH: .... 1... = Push Requested  
RST: .... .0.. = No reset Connection  
SYN: .... .0. = No synchronize Sequence Number  
FIN: .... ...0 = More Data From Sender

Window: 4096

Checksum: 0x4895

Urgent Pointer: 0x0000

File Transfer Protocol

230 User admin logged in

Packet 49 captured at 03/14/1999 01:32:17 PM; Packet size is 64(0x40)bytes

Relative time: 000:00:41.846  
Delta time: 0.133.320

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-72-F7-E5  
Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00

000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability

Total length: 40 (Octets)

Fragment ID: 62480

Flags summary: 0x40

0... .... = Reserved  
.1.. .... = Do not fragment

```

    ..0. .... = Last fragment
    Fragment offset(LSB 13 bits): 0 (0x00)
    Time to live: 128 seconds/hops
    IP protocol type: TCP (0x06)
    Checksum: 0x70A3
    IP address 192.168.10.201 ->192.168.10.2
    No option
Transmission Control Protocol
    Port 1095 ---> File Transfer (Control)
    Sequence Number: 793578
    Acknowledgement Number: 858624084
    Header Length(MSB 4 bits): 5 (32-bit word)
    Reserved(LSB 4 bits): 0
    Code: 0x10
        RES: 00.. .... = Reserved
        URG: ..0. .... = Urgent Pointer is Invalid
        ACK: ...1 .... = Acknowledgement Field is Valid
        PSH: .... 0... = No push Requested
        RST: .... .0.. = No reset Connection
        SYN: .... ..0. = No synchronize Sequence Number
        FIN: .... ...0 = More Data From Sender
    Window: 8110
    Checksum: 0x1637
    Urgent Pointer: 0x0000

```

```

Packet 50 captured at 03/14/1999 01:32:17 PM; Packet size is 213(0xd5)bytes
    Relative time: 000:00:41.896
    Delta time: 0.049.995

```

```

Ethernet Version II
    Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0
    Ethernet II Protocol Type: IP

```

```

Internet Protocol
    Version(MSB 4 bits): 4
    Header length(LSB 4 bits): 5 (32-bit word)
    Service type: 0x00
        000. .... = 0 - Routine
        ...0 .... = Normal delay
        .... 0... = Normal throughput
        .... .0.. = Normal reliability
    Total length: 195 (Octets)
    Fragment ID: 62736
    Flags summary: 0x00
        0... .... = Reserved
        .0.. .... = May be fragmented
        ..0. .... = Last fragment
        Fragment offset(LSB 13 bits): 0 (0x00)
    Time to live: 128 seconds/hops
    IP protocol type: UDP (0x11)
    Checksum: 0xAEFE
    IP address 192.168.10.201 ->192.168.10.1
    No option

```

```

User Datagram Protocol
    Port 1098 ---> 260
    Total length: 175 (Octets)
    Checksum: 0x5E45

```

```

Data:
0000: 30 82 00 a3 02 01 00 04 06 70 75 62 6c 69 63 a0 | 0,.....public.
0010: 81 95 02 04 5f e8 20 a7 02 01 00 02 01 00 30 82 | •..._ . ....0,
0020: 00 85 30 82 00 0f 06 0b 2b 06 01 04 01 8e 7f 01 | ...0,.....+...ž..
0030: 01 01 00 05 00 30 82 00 0f 06 0b 2b 06 01 04 01 | .....0,.....+...
0040: 8e 7f 01 01 02 00 05 00 30 82 00 0f 06 0b 2b 06 | ž.....0,.....+...
0050: 01 04 01 8e 7f 01 01 03 00 05 00 30 82 00 0f 06 | ...ž.....0,....
0060: 0b 2b 06 01 04 01 8e 7f 01 01 04 00 05 00 30 82 | .+....ž.....0,
0070: 00 0f 06 0b 2b 06 01 04 01 8e 7f 01 01 05 00 05 | .....+...ž.....
0080: 00 30 82 00 0f 06 0b 2b 06 01 04 01 8e 7f 01 01 | .0,.....+...ž...
0090: 06 00 05 00 30 82 00 0f 06 0b 2b 06 01 04 01 8e | .....0,.....+...ž
00a0: 7f 01 01 07 00 05 00 90 8c 7c d1 | .....•|.

```

Packet 51 captured at 03/14/1999 01:32:17 PM; Packet size is 70(0x46)bytes

Relative time: 000:00:41.946

Delta time: 0.049.995

Ethernet Version II

Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 56 (Octets)

Fragment ID: 1196

Flags summary: 0x00

0... .... = Reserved

.0.. .... = May be fragmented

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 32 seconds/hops

IP protocol type: ICMP (0x01)

Checksum: 0xFFFE

IP address 192.168.10.1 ->192.168.10.201

No option

Internet Control Message Protocol

Type: 3 - Destination Unreachable

Code: 3 - Port Unreachable

Checksum: 0xA5FE

Unused(MBZ): 0x0000-0000

<Internet Header + 64 bits of datagram>: (28 bytes)

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 195 (Octets)

Fragment ID: 62736

Flags summary: 0x00

0... .... = Reserved

.0.. .... = May be fragmented

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops

IP protocol type: UDP (0x11)

Checksum: 0x0000 [No Checksum]

IP address 192.168.10.201 ->192.168.10.1

No option

64 bits of Datagram: (8 bytes)

Packet 52 captured at 03/14/1999 01:32:19 PM; Packet size is 255(0xff)bytes

Relative time: 000:00:43.296

Delta time: 1.349.865

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->FF-FF-FF-FF-FF-FF

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 237 (Octets)

```
Fragment ID: 62992
Flags summary: 0x00
  0... .... = Reserved
  .0.. .... = May be fragmented
  ..0. .... = Last fragment
  Fragment offset(LSB 13 bits): 0 (0x00)
Time to live: 128 seconds/hops
IP protocol type: UDP (0x11)
Checksum: 0xACD6
IP address 192.168.10.201 ->192.168.10.255
No option
User Datagram Protocol
  Port NETBIOS Datagram Service ---> NETBIOS Datagram Service
  Total length: 217 (Octets)
  Checksum: 0x9755
NETBIOS Datagram Session
  HEADER SECTION:
  Type: 0x11 - Direct Group Datagram
  0000 .... = Reserved Bits
  .... 00.. = Source End-Node Type - B node
  .... ...1 = First Packet Flag
  .... ...0 = More Flag
  Datagram ID: 0x807e
  Source IP address: 192.168.10.201
  Source Port: 138
  Datagram Length: 195
  Packet Offset: 0
  Source Name: GPINEIRO
  Destination Name: __MSBROWSE__
  User's Data: (127 bytes in highlight area)
Server Message Block Protocol
  Command: 37 - Transaction
  Dos Error:
    Error Class:0 - Success
    Reserved :0
    Error Code: Success
  Flags: 0x00
    .... ...0 = Lock&Read and Write&Unlock Not supported
    .... .0. = Send without Ack Not supported
    .... .0.. = Reserved bit
    .... 0... = Using case sensitive pathnames
    ...0 .... = No canonicalized pathnames
    ..0. .... = No opportunistic lock
    .0.. .... = No change notify
    0... .... = Client Request
  2nd Flags: 0x0000
    .... .... .... ...0 = Handle only DOS 8.3 naming convention
    .... .... .... ..0. = Not aware of extended attributes
    .... .... .... .0.. = FLAGS2 field is a padding
    ..0. .... .... .... = Read is Not granted when have eXecute permission
    .0.. .... .... .... = DOS style error code
    0... .... .... .... = Using ASCII strings
  Pading Area:
  IDs in SMB:
    Tree ID: 0 (0x0)
    Caller's Process ID: 0 (0x0)
    Unauthenticated User ID: 0 (0x0)
    Multiplex ID: 0 (0x0)
  Multiplex ID: 0 (0x0)
    Word Count of Parameter: 17
    Total Sent Parameter Bytes: 0
    Total Sent Data Bytes: 41
    Max Return Parameter Bytes: 0
    Max Return Data Bytes: 0
    Max Setup Words to Return: 0
    Reserved: 0
    Transaction Flags: 0x0000
      .... .... .... ...0 = Don't disconnect TID in Tid
```

.... .... ..0. = Not one-way transaction  
Timeout: 1000 (0x3E8)  
Reserved: 0  
Parameters Count(Bytes): 0  
Parameters        Offset: 0  
Data Count(Bytes): 41  
Data            Offset: 86  
Count of Setup Words: 3  
Reserved: 0  
SETUP WORDS of Transaction:  
  Transaction SubCommand: 1 Write\_Mailslot  
  Transaction Priority: 1  
  Mailslot Class: 2  
Transaction BYTE LENGTH(2 bytes)+PARAMETERS(58 bytes):  
  Byte Count of Data: 58  
  Path Name: \MAILSLOT\BROWSE  
  TRANSACTION DATA of Write\_Mailslot  
    ASCIIZ RAP and Input Structure: (41 bytes in highligh area)

Packet 53 captured at 03/14/1999 01:32:20 PM; Packet size is 213(0xd5)bytes

Relative time: 000:00:44.879

Delta time: 1.583.175

Ethernet Version II

Address: 00-10-A4-FB-5F-B0 --->00-20-DA-6F-78-E0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4

Header length(LSB 4 bits): 5 (32-bit word)

Service type: 0x00

000. .... = 0 - Routine

...0 .... = Normal delay

.... 0... = Normal throughput

.... .0.. = Normal reliability

Total length: 195 (Octets)

Fragment ID: 1553

Flags summary: 0x00

0... .... = Reserved

.0.. .... = May be fragmented

..0. .... = Last fragment

Fragment offset(LSB 13 bits): 0 (0x00)

Time to live: 128 seconds/hops

IP protocol type: UDP (0x11)

Checksum: 0x9DFE

IP address 192.168.10.201 ->192.168.10.1

No option

User Datagram Protocol

Port 1098 ---> 260

Total length: 175 (Octets)

Checksum: 0x5E45

Data:

0000:	30 82 00 a3 02 01 00 04 06 70 75 62 6c 69 63 a0	0,.....public.
0010:	81 95 02 04 5f e8 20 a7 02 01 00 02 01 00 30 82	•..._ . ....0,
0020:	00 85 30 82 00 0f 06 0b 2b 06 01 04 01 8e 7f 01	...0,....+...Ž..
0030:	01 01 00 05 00 30 82 00 0f 06 0b 2b 06 01 04 01	.....0,....+....
0040:	8e 7f 01 01 02 00 05 00 30 82 00 0f 06 0b 2b 06	Ž.....0,....+
0050:	01 04 01 8e 7f 01 01 03 00 05 00 30 82 00 0f 06	...Ž.....0,...
0060:	0b 2b 06 01 04 01 8e 7f 01 01 04 00 05 00 30 82	+....Ž.....0,
0070:	00 0f 06 0b 2b 06 01 04 01 8e 7f 01 01 05 00 05	....+....Ž.....
0080:	00 30 82 00 0f 06 0b 2b 06 01 04 01 8e 7f 01 01	.0,....+...Ž...
0090:	06 00 05 00 30 82 00 0f 06 0b 2b 06 01 04 01 8e	....0,....+...Ž
00a0:	7f 01 01 07 00 05 00 3b 4a 15 57	.....;J.W

Packet 54 captured at 03/14/1999 01:32:20 PM; Packet size is 70(0x46)bytes

Relative time: 000:00:44.929

Delta time: 0.049.995

Ethernet Version II

Address: 00-20-DA-6F-78-E0 --->00-10-A4-FB-5F-B0

Ethernet II Protocol Type: IP

Internet Protocol

Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability  
Total length: 56 (Octets)  
Fragment ID: 1197  
Flags summary: 0x00  
0... .... = Reserved  
.0.. .... = May be fragmented  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 32 seconds/hops  
IP protocol type: ICMP (0x01)  
Checksum: 0xFFFF  
IP address 192.168.10.1 ->192.168.10.201  
No option

Internet Control Message Protocol

Type: 3 - Destination Unreachable  
Code: 3 - Port Unreachable  
Checksum: 0x94FE  
Unused(MBZ): 0x0000-0000  
<Internet Header + 64 bits of datagram>: (28 bytes)  
Version(MSB 4 bits): 4  
Header length(LSB 4 bits): 5 (32-bit word)  
Service type: 0x00  
000. .... = 0 - Routine  
...0 .... = Normal delay  
.... 0... = Normal throughput  
.... .0.. = Normal reliability  
Total length: 195 (Octets)  
Fragment ID: 1553  
Flags summary: 0x00  
0... .... = Reserved  
.0.. .... = May be fragmented  
..0. .... = Last fragment  
Fragment offset(LSB 13 bits): 0 (0x00)  
Time to live: 128 seconds/hops  
IP protocol type: UDP (0x11)  
Checksum: 0x0000 [No Checksum]  
IP address 192.168.10.201 ->192.168.10.1  
No option  
64 bits of Datagram: (8 bytes)