

No.	Time	Source	Destination	Protocol	Info
1	0.000000	192.168.1.106	128.153.5.66	TCP	52072 >

ftp [SYN] Seq=0 Ack=0 Win=65535 Len=0 MSS=1460 WS=0 TSV=636891180 TSER=0

Frame 1 (78 bytes on wire, 78 bytes captured)

Arrival Time: Dec 11, 2006 16:21:10.840943000

Time delta from previous packet: 0.000000000 seconds

Time since reference or first frame: 0.000000000 seconds

Frame Number: 1

Packet Length: 78 bytes

Capture Length: 78 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 64

Identification: 0x8c14 (35860)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x66b6 [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 0, Ack: 0, Len: 0

Source port: 52072 (52072)

Destination port: ftp (21)

Sequence number: 0 (relative sequence number)

Header length: 44 bytes

Flags: 0x0002 (SYN)

0... = Congestion Window Reduced (CWR): Not set

.0.. = ECN-Echo: Not set

..0. = Urgent: Not set

...0 = Acknowledgment: Not set

.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..1. = Syn: Set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0xeecd [correct]
Options: (24 bytes)
Maximum segment size: 1460 bytes
NOP
Window scale: 0 (multiply by 1)
NOP
NOP
Time stamp: tsval 636891180, tsecr 0
SACK permitted
EOL

No.	Time	Source	Destination	Protocol	Info
2	0.186274	128.153.5.66	192.168.1.106	TCP	ftp >
52072 [SYN, ACK] Seq=0 Ack=1 Win=1460 Len=0 MSS=1460 TSV=219092899 TSER=636891180 WS=0					

Frame 2 (74 bytes on wire, 74 bytes captured)
Arrival Time: Dec 11, 2006 16:21:11.027217000
Time delta from previous packet: 0.186274000 seconds
Time since reference or first frame: 0.186274000 seconds
Frame Number: 2
Packet Length: 74 bytes
Capture Length: 74 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 60
Identification: 0x0000 (0)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set

```

Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x03cf [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq:
0, Ack: 1, Len: 0
Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 0 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 40 bytes
Flags: 0x0012 (SYN, ACK)
  0... .... = Congestion Window Reduced (CWR): Not set
  .0.. .... = ECN-Echo: Not set
  ..0. .... = Urgent: Not set
  ...1 .... = Acknowledgment: Set
  .... 0... = Push: Not set
  .... .0.. = Reset: Not set
  .... ..1. = Syn: Set
  .... ...0 = Fin: Not set
Window size: 1460
Checksum: 0x3e95 [correct]
Options: (20 bytes)
  Maximum segment size: 1460 bytes
  SACK permitted
  Time stamp: tsva 219092899, tsecr 636891180
  NOP
  Window scale: 0 (multiply by 1)
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
3	0.186347	192.168.1.106	128.153.5.66	TCP	52072 >

ftp [ACK] Seq=1 Ack=1 Win=65535 Len=0 TSV=636891180 TSER=219092899

```

Frame 3 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:11.027290000
Time delta from previous packet: 0.186347000 seconds
Time since reference or first frame: 0.186347000 seconds
Frame Number: 3
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

```

```

Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c15 (35861)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66c1 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
1, Ack: 1, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 1      (relative sequence number)
Acknowledgement number: 1      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x730e [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891180, tsecr 219092899
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
4	0.390500	128.153.5.66	192.168.1.106	FTP

Response: 220 (vsFTPd 1.2.1)

```
Frame 4 (86 bytes on wire, 86 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:11.231443000
  Time delta from previous packet: 0.390500000 seconds
  Time since reference or first frame: 0.390500000 seconds
  Frame Number: 4
  Packet Length: 86 bytes
  Capture Length: 86 bytes
  Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
  Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 72
  Identification: 0x8d4e (36174)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 47
  Protocol: TCP (0x06)
  Header checksum: 0x7674 [correct]
  Source: 128.153.5.66 (128.153.5.66)
  Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq:
1, Ack: 1, Len: 20
  Source port: ftp (21)
  Destination port: 52072 (52072)
  Sequence number: 1      (relative sequence number)
  Next sequence number: 21  (relative sequence number)
  Acknowledgement number: 1  (relative ack number)
  Header length: 32 bytes
  Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 1... = Push: Set
```

.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0x042e [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219092920, tsecr 636891180

File Transfer Protocol (FTP)

220 (vsFTPD 1.2.1)\r\n

Response code: Service ready for new user (220)

Response arg: (vsFTPD 1.2.1)

No.	Time	Source	Destination	Protocol	Info
5	0.390573	192.168.1.106	128.153.5.66	TCP	52072 >

ftp [ACK] Seq=1 Ack=21 Win=65535 Len=0 TSV=636891181 TSER=219092920

Frame 5 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:11.231516000

Time delta from previous packet: 0.000073000 seconds

Time since reference or first frame: 0.390573000 seconds

Frame Number: 5

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8c16 (35862)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

```

Header checksum: 0x66c0 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
1, Ack: 21, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 21 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
  0... .... = Congestion Window Reduced (CWR): Not set
  .0.. .... = ECN-Echo: Not set
  ..0. .... = Urgent: Not set
  ...1 .... = Acknowledgment: Set
  .... 0... = Push: Not set
  .... .0.. = Reset: Not set
  .... ..0. = Syn: Not set
  .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x72e4 [correct]
Options: (12 bytes)
  NOP
  NOP
  Time stamp: tsval 636891181, tsecr 219092920
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
6	0.391854	192.168.1.106	128.153.5.66	FTP

Request: USER wernerjs

```

Frame 6 (81 bytes on wire, 81 bytes captured)
Arrival Time: Dec 11, 2006 16:21:11.232797000
Time delta from previous packet: 0.001354000 seconds
Time since reference or first frame: 0.391854000 seconds
Frame Number: 6
Packet Length: 81 bytes
Capture Length: 81 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
  Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes

```

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0

Total Length: 67

Identification: 0x8c17 (35863)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x66b0 [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
1, Ack: 21, Len: 15

Source port: 52072 (52072)

Destination port: ftp (21)

Sequence number: 1 (relative sequence number)

Next sequence number: 16 (relative sequence number)

Acknowledgement number: 21 (relative ack number)

Header length: 32 bytes

Flags: 0x0018 (PSH, ACK)

0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535

Checksum: 0xf460 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891181, tsecr 219092920

File Transfer Protocol (FTP)

USER wernerjs\r\n

Request command: USER

Request arg: wernerjs

No.	Time	Source	Destination	Protocol	Info
52072	7 0.590934	128.153.5.66	192.168.1.106	TCP	ftp >
[ACK] Seq=21 Ack=16 Win=5792 Len=0 TSV=219092940 TSER=636891181					

Frame 7 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:11.431877000
Time delta from previous packet: 0.199080000 seconds
Time since reference or first frame: 0.590934000 seconds
Frame Number: 7
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 52
Identification: 0x8d4f (36175)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x7687 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq: 21, Ack: 16, Len: 0
Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 21 (relative sequence number)
Acknowledgement number: 16 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set

.... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x5c21 [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 219092940, tsecr 636891181
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
8	0.591770	128.153.5.66	192.168.1.106	FTP	

Response: 331 Please specify the password.

Frame 8 (100 bytes on wire, 100 bytes captured)

Arrival Time: Dec 11, 2006 16:21:11.432713000
Time delta from previous packet: 0.199916000 seconds
Time since reference or first frame: 0.591770000 seconds
Frame Number: 8
Packet Length: 100 bytes
Capture Length: 100 bytes
Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0

Total Length: 86
Identification: 0x8d50 (36176)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set

Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x7664 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq: 21, Ack: 16, Len: 34

Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 21 (relative sequence number)
Next sequence number: 55 (relative sequence number)
Acknowledgement number: 16 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
 0... .. = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 1... = Push: Set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
Window size: 5792
Checksum: 0x14d6 [correct]
Options: (12 bytes)

 NOP

 NOP

 Time stamp: tsval 219092940, tsecr 636891181

File Transfer Protocol (FTP)

 331 Please specify the password.\r\n

 Response code: User name okay, need password (331)

 Response arg: Please specify the password.

No.	Time	Source	Destination	Protocol	Info
9	0.591847	192.168.1.106	128.153.5.66	TCP	52072 >
ftp [ACK] Seq=16 Ack=55 Win=65535 Len=0 TSV=636891181 TSER=219092940					

Frame 9 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:11.432790000

Time delta from previous packet: 0.000077000 seconds

Time since reference or first frame: 0.591847000 seconds

Frame Number: 9

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8c18 (35864)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x66be [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
16, Ack: 55, Len: 0

Source port: 52072 (52072)

Destination port: ftp (21)

Sequence number: 16 (relative sequence number)

Acknowledgement number: 55 (relative ack number)

Header length: 32 bytes

Flags: 0x0010 (ACK)

0... = Congestion Window Reduced (CWR): Not set

.0.. = ECN-Echo: Not set

..0. = Urgent: Not set

...1 = Acknowledgment: Set

.... 0... = Push: Not set

.... .0.. = Reset: Not set

.... ..0. = Syn: Not set

.... ...0 = Fin: Not set

Window size: 65535

Checksum: 0x729f [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891181, tsecr 219092940

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
10	0.592122	192.168.1.106	128.153.5.66	FTP	

Request: PASS ITCCo2007

Frame 10 (82 bytes on wire, 82 bytes captured)

Arrival Time: Dec 11, 2006 16:21:11.433065000

Time delta from previous packet: 0.000352000 seconds

Time since reference or first frame: 0.592122000 seconds

Frame Number: 10

Packet Length: 82 bytes
Capture Length: 82 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 68
Identification: 0x8c19 (35865)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66ad [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 16, Ack: 55, Len: 16
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 16 (relative sequence number)
Next sequence number: 32 (relative sequence number)
Acknowledgement number: 55 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0xa785 [correct]
Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891181, tsecr 219092940

File Transfer Protocol (FTP)

PASS ITCCo2007\r\n

Request command: PASS

Request arg: ITCCo2007

No.	Time	Source	Destination	Protocol	Info
11	0.837863	128.153.5.66	192.168.1.106	TCP	ftp >
52072 [ACK] Seq=55 Ack=32 Win=5792 Len=0 TSV=219092965 TSER=636891181					

Frame 11 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:11.678806000

Time delta from previous packet: 0.245741000 seconds

Time since reference or first frame: 0.837863000 seconds

Frame Number: 11

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8d51 (36177)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x7685 [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq: 55, Ack: 32, Len: 0

Source port: ftp (21)

Destination port: 52072 (52072)
Sequence number: 55 (relative sequence number)
Acknowledgement number: 32 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x5bd6 [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsval 219092965, tsecr 636891181
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
12	0.942132	128.153.5.66	192.168.1.106	FTP

Response: 230 Login successful.

Frame 12 (89 bytes on wire, 89 bytes captured)
Arrival Time: Dec 11, 2006 16:21:11.783075000
Time delta from previous packet: 0.350010000 seconds
Time since reference or first frame: 0.942132000 seconds
Frame Number: 12
Packet Length: 89 bytes
Capture Length: 89 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 75
Identification: 0x8d52 (36178)

```

Flags: 0x04 (Don't Fragment)
  0... = Reserved bit: Not set
  .1.. = Don't fragment: Set
  ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x766d [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq:
55, Ack: 32, Len: 23
Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 55      (relative sequence number)
Next sequence number: 78  (relative sequence number)
Acknowledgement number: 32  (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
  0... .... = Congestion Window Reduced (CWR): Not set
  .0.. .... = ECN-Echo: Not set
  ..0. .... = Urgent: Not set
  ...1 .... = Acknowledgment: Set
  .... 1... = Push: Set
  .... .0.. = Reset: Not set
  .... ..0. = Syn: Not set
  .... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x7a34 [correct]
Options: (12 bytes)
  NOP
  NOP
  Time stamp: tsval 219092975, tsecr 636891181
File Transfer Protocol (FTP)
  230 Login successful.\r\n
  Response code: User logged in, proceed (230)
  Response arg: Login successful.

```

No.	Time	Source	Destination	Protocol	Info
13	0.942226	192.168.1.106	128.153.5.66	TCP	52072 >
ftp [ACK] Seq=32 Ack=78 Win=65535 Len=0 TSV=636891182 TSER=219092975					

```

Frame 13 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:11.783169000
Time delta from previous packet: 0.000094000 seconds
Time since reference or first frame: 0.942226000 seconds
Frame Number: 13
Packet Length: 66 bytes

```


Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c1a (35866)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66bc [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 32, Ack: 78, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 32 (relative sequence number)
Acknowledgement number: 78 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x7254 [correct]
Options: (12 bytes)
NOP
NOP

Time stamp: tsval 636891182, tsecr 219092975
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
14	0.942767	192.168.1.106	128.153.5.66	FTP

Request: SYST

Frame 14 (72 bytes on wire, 72 bytes captured)

Arrival Time: Dec 11, 2006 16:21:11.783710000

Time delta from previous packet: 0.000635000 seconds

Time since reference or first frame: 0.942767000 seconds

Frame Number: 14

Packet Length: 72 bytes

Capture Length: 72 bytes

Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 58

Identification: 0x8c1b (35867)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x66b5 [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 32, Ack: 78, Len: 6

Source port: 52072 (52072)

Destination port: ftp (21)

Sequence number: 32 (relative sequence number)

Next sequence number: 38 (relative sequence number)

Acknowledgement number: 78 (relative ack number)

Header length: 32 bytes

Flags: 0x0018 (PSH, ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535

Checksum: 0xbe8e [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891182, tsecr 219092975

File Transfer Protocol (FTP)

SYST\r\n

Request command: SYST

No.	Time	Source	Destination	Protocol	Info
15	1.121649	128.153.5.66	192.168.1.106	TCP	ftp >
52072 [ACK] Seq=78 Ack=38 Win=5792 Len=0 TSV=219092993 TSER=636891182					

Frame 15 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:11.962592000

Time delta from previous packet: 0.178882000 seconds

Time since reference or first frame: 1.121649000 seconds

Frame Number: 15

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8d53 (36179)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

```

    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x7683 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq:
78, Ack: 38, Len: 0
Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 78      (relative sequence number)
Acknowledgement number: 38      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x5b9c [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219092993, tsecr 636891182
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
16	1.122430	128.153.5.66	192.168.1.106	FTP

Response: 215 UNIX Type: L8

```

Frame 16 (85 bytes on wire, 85 bytes captured)
Arrival Time: Dec 11, 2006 16:21:11.963373000
Time delta from previous packet: 0.179663000 seconds
Time since reference or first frame: 1.122430000 seconds
Frame Number: 16
Packet Length: 85 bytes
Capture Length: 85 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

```

Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 71
Identification: 0x8d54 (36180)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x766f [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq: 78, Ack: 38, Len: 19
Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 78 (relative sequence number)
Next sequence number: 97 (relative sequence number)
Acknowledgement number: 38 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 1... = Push: Set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
Window size: 5792
Checksum: 0xf430 [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsva 219092993, tsecr 636891182
File Transfer Protocol (FTP)
215 UNIX Type: L8\r\n
Response code: NAME system type (215)
Response arg: UNIX Type: L8

No.	Time	Source	Destination	Protocol	Info
17	1.122483	192.168.1.106	128.153.5.66	TCP	52072 >

ftp [ACK] Seq=38 Ack=97 Win=65535 Len=0 TSV=636891182 TSER=219092993

Frame 17 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:11.963426000

Time delta from previous packet: 0.000053000 seconds

Time since reference or first frame: 1.122483000 seconds

Frame Number: 17

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8c1c (35868)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x66ba [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 38, Ack: 97, Len: 0

Source port: 52072 (52072)

Destination port: ftp (21)

Sequence number: 38 (relative sequence number)

Acknowledgement number: 97 (relative ack number)

Header length: 32 bytes

Flags: 0x0010 (ACK)

0... = Congestion Window Reduced (CWR): Not set

.0... = ECN-Echo: Not set

..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535

Checksum: 0x7229 [correct]

Options: (12 bytes)

 NOP

 NOP

 Time stamp: tsval 636891182, tsecr 219092993

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
18	1.514266	192.168.1.106	64.12.25.44	AIM	Keep

Alive

Frame 18 (60 bytes on wire, 60 bytes captured)

 Arrival Time: Dec 11, 2006 16:21:12.355209000

 Time delta from previous packet: 0.391836000 seconds

 Time since reference or first frame: 1.514266000 seconds

 Frame Number: 18

 Packet Length: 60 bytes

 Capture Length: 60 bytes

 Protocols in frame: eth:ip:tcp:aim

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

 Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

 Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 64.12.25.44 (64.12.25.44)

 Version: 4

 Header length: 20 bytes

 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

 0000 00.. = Differentiated Services Codepoint: Default (0x00)

 0. = ECN-Capable Transport (ECT): 0

 0 = ECN-CE: 0

 Total Length: 46

 Identification: 0x8c1d (35869)

 Flags: 0x04 (Don't Fragment)

 0... = Reserved bit: Not set

 .1.. = Don't fragment: Set

 ..0. = More fragments: Not set

 Fragment offset: 0

 Time to live: 64

 Protocol: TCP (0x06)

```

Header checksum: 0x9362 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 64.12.25.44 (64.12.25.44)
Transmission Control Protocol, Src Port: 51734 (51734), Dst Port: aol (5190),
Seq: 0, Ack: 0, Len: 6
Source port: 51734 (51734)
Destination port: aol (5190)
Sequence number: 0      (relative sequence number)
Next sequence number: 6  (relative sequence number)
Acknowledgement number: 0  (relative ack number)
Header length: 20 bytes
Flags: 0x0018 (PSH, ACK)
  0... .. = Congestion Window Reduced (CWR): Not set
  .0.. .. = ECN-Echo: Not set
  ..0. .. = Urgent: Not set
  ...1 .. = Acknowledgment: Set
  .... 1... = Push: Set
  .... .0.. = Reset: Not set
  .... ..0. = Syn: Not set
  .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x3a55 [correct]
AOL Instant Messenger

```

No.	Time	Source	Destination	Protocol	Info
51734	19 1.547243	64.12.25.44	192.168.1.106	TCP	aol >

51734 [ACK] Seq=0 Ack=6 Win=16384 Len=0

```

Frame 19 (60 bytes on wire, 60 bytes captured)
Arrival Time: Dec 11, 2006 16:21:12.388186000
Time delta from previous packet: 0.424813000 seconds
Time since reference or first frame: 1.547243000 seconds
Frame Number: 19
Packet Length: 60 bytes
Capture Length: 60 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
  Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Type: IP (0x0800)
  Trailer: 000000000000
Internet Protocol, Src: 64.12.25.44 (64.12.25.44), Dst: 192.168.1.106
(192.168.1.106)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)

```



```

    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 40
Identification: 0xaclc (44060)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 106
Protocol: TCP (0x06)
Header checksum: 0x4969 [correct]
Source: 64.12.25.44 (64.12.25.44)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: aol (5190), Dst Port: 51734 (51734),
Seq: 0, Ack: 6, Len: 0
Source port: aol (5190)
Destination port: 51734 (51734)
Sequence number: 0      (relative sequence number)
Acknowledgement number: 6      (relative ack number)
Header length: 20 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 16384
Checksum: 0x3f8a [correct]
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
20	1.603252	192.168.1.106	128.153.5.66	FTP

Request: NOOP

```

Frame 20 (72 bytes on wire, 72 bytes captured)
Arrival Time: Dec 11, 2006 16:21:12.444195000
Time delta from previous packet: 0.480822000 seconds
Time since reference or first frame: 1.603252000 seconds
Frame Number: 20
Packet Length: 72 bytes
Capture Length: 72 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)

```

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 58
Identification: 0x8c1e (35870)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66b2 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 38, Ack: 97, Len: 6
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 38 (relative sequence number)
Next sequence number: 44 (relative sequence number)
Acknowledgement number: 97 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 1... = Push: Set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
Window size: 65535
Checksum: 0xc770 [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsva 636891183, tsecr 219092993
File Transfer Protocol (FTP)
NOOP\r\n

Request command: NOOP

No.	Time	Source	Destination	Protocol	Info
21	1.722808	128.153.5.66	192.168.1.106	FTP	

Response: 200 NOOP ok.

Frame 21 (80 bytes on wire, 80 bytes captured)

Arrival Time: Dec 11, 2006 16:21:12.563751000
Time delta from previous packet: 0.119556000 seconds
Time since reference or first frame: 1.722808000 seconds
Frame Number: 21
Packet Length: 80 bytes
Capture Length: 80 bytes
Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0

Total Length: 66
Identification: 0x8d55 (36181)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set

Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x7673 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq: 97, Ack: 44, Len: 14

Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 97 (relative sequence number)
Next sequence number: 111 (relative sequence number)
Acknowledgement number: 44 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)

0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0xc299 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093052, tsecr 636891183

SEQ/ACK analysis

File Transfer Protocol (FTP)

200 NOOP ok.\r\n

Response code: Command okay (200)

Response arg: NOOP ok.

No.	Time	Source	Destination	Protocol	Info
22	1.722912	192.168.1.106	128.153.5.66	TCP	52072 >

ftp [ACK] Seq=44 Ack=111 Win=65535 Len=0 TSV=636891183 TSER=219093052

Frame 22 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:12.563855000

Time delta from previous packet: 0.000104000 seconds

Time since reference or first frame: 1.722912000 seconds

Frame Number: 22

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8c1f (35871)

Flags: 0x04 (Don't Fragment)

```

    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66b7 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
44, Ack: 111, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 44      (relative sequence number)
Acknowledgement number: 111      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .. = Congestion Window Reduced (CWR): Not set
    .0.. .. = ECN-Echo: Not set
    ..0. .. = Urgent: Not set
    ...1 .. = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x71d9 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891183, tsecr 219093052
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
23	1.723490	192.168.1.106	128.153.5.66	FTP

Request: CWD /afs/clarkson.edu/users/w/e/wernerjs

```

Frame 23 (108 bytes on wire, 108 bytes captured)
Arrival Time: Dec 11, 2006 16:21:12.564433000
Time delta from previous packet: 0.000682000 seconds
Time since reference or first frame: 1.723490000 seconds
Frame Number: 23
Packet Length: 108 bytes
Capture Length: 108 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

```

```
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 94
Identification: 0x8c20 (35872)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x668c [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
44, Ack: 111, Len: 42
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 44      (relative sequence number)
Next sequence number: 86      (relative sequence number)
Acknowledgement number: 111      (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x98c1 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsva 636891183, tsecr 219093052
File Transfer Protocol (FTP)
CWD /afs/clarkson.edu/users/w/e/wernerjs\r\n
Request command: CWD
```

Request arg: /afs/clarkson.edu/users/w/e/wernerjs

No.	Time	Source	Destination	Protocol	Info
24	1.860144	128.153.5.66	192.168.1.106	FTP	

Response: 250 Directory successfully changed.

Frame 24 (103 bytes on wire, 103 bytes captured)

Arrival Time: Dec 11, 2006 16:21:12.701087000

Time delta from previous packet: 0.136654000 seconds

Time since reference or first frame: 1.860144000 seconds

Frame Number: 24

Packet Length: 103 bytes

Capture Length: 103 bytes

Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 89

Identification: 0x8d56 (36182)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x765b [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq: 111, Ack: 86, Len: 37

Source port: ftp (21)

Destination port: 52072 (52072)

Sequence number: 111 (relative sequence number)

Next sequence number: 148 (relative sequence number)

Acknowledgement number: 86 (relative ack number)

Header length: 32 bytes

Flags: 0x0018 (PSH, ACK)

0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0xcf72 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093066, tsecr 636891183

SEQ/ACK analysis

File Transfer Protocol (FTP)

250 Directory successfully changed.\r\n

Response code: Requested file action okay, completed (250)

Response arg: Directory successfully changed.

No.	Time	Source	Destination	Protocol	Info
25	1.860247	192.168.1.106	128.153.5.66	TCP	52072 >

ftp [ACK] Seq=86 Ack=148 Win=65535 Len=0 TSV=636891184 TSER=219093066

Frame 25 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:12.701190000

Time delta from previous packet: 0.000103000 seconds

Time since reference or first frame: 1.860247000 seconds

Frame Number: 25

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8c21 (35873)

Flags: 0x04 (Don't Fragment)


```

    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66b5 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
86, Ack: 148, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 86      (relative sequence number)
Acknowledgement number: 148      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... ..0... = Congestion Window Reduced (CWR): Not set
    .0.. ..0... = ECN-Echo: Not set
    ..0. ..0... = Urgent: Not set
    ...1 ..0... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x717b [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891184, tsecr 219093066
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
26	1.860527	192.168.1.106	128.153.5.66	FTP	

Request: PASV

```

Frame 26 (72 bytes on wire, 72 bytes captured)
Arrival Time: Dec 11, 2006 16:21:12.701470000
Time delta from previous packet: 0.000383000 seconds
Time since reference or first frame: 1.860527000 seconds
Frame Number: 26
Packet Length: 72 bytes
Capture Length: 72 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

```

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 58
Identification: 0x8c22 (35874)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66ae [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 86, Ack: 148, Len: 6
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 86 (relative sequence number)
Next sequence number: 92 (relative sequence number)
Acknowledgement number: 148 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 1... = Push: Set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
Window size: 65535
Checksum: 0xc0cb [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsva 636891184, tsecr 219093066
File Transfer Protocol (FTP)
PASV\r\n
Request command: PASV

No.	Time	Source	Destination	Protocol	Info
27	2.012887	128.153.5.66	192.168.1.106	FTP	

Response: 227 Entering Passive Mode (128,153,5,66,130,53)

Frame 27 (115 bytes on wire, 115 bytes captured)
Arrival Time: Dec 11, 2006 16:21:12.853830000
Time delta from previous packet: 0.152360000 seconds
Time since reference or first frame: 2.012887000 seconds
Frame Number: 27
Packet Length: 115 bytes
Capture Length: 115 bytes
Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 101
Identification: 0x8d57 (36183)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x764e [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq: 148, Ack: 92, Len: 49
Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 148 (relative sequence number)
Next sequence number: 197 (relative sequence number)
Acknowledgement number: 92 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
0... = Congestion Window Reduced (CWR): Not set

.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0xe22c [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093081, tsecr 636891184

SEQ/ACK analysis

File Transfer Protocol (FTP)

227 Entering Passive Mode (128,153,5,66,130,53)\r\n

Response code: Entering Passive Mode (227)

Response arg: Entering Passive Mode (128,153,5,66,130,53)

Passive IP address: 128.153.5.66 (128.153.5.66)

Passive port: 33333

No.	Time	Source	Destination	Protocol	Info
28	2.012988	192.168.1.106	128.153.5.66	TCP	52072 >

ftp [ACK] Seq=92 Ack=197 Win=65535 Len=0 TSV=636891184 TSER=219093081

Frame 28 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:12.853931000

Time delta from previous packet: 0.000101000 seconds

Time since reference or first frame: 2.012988000 seconds

Frame Number: 28

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8c23 (35875)

```

Flags: 0x04 (Don't Fragment)
  0... = Reserved bit: Not set
  .1.. = Don't fragment: Set
  ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66b3 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
92, Ack: 197, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 92      (relative sequence number)
Acknowledgement number: 197  (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
  0... .... = Congestion Window Reduced (CWR): Not set
  .0.. .... = ECN-Echo: Not set
  ..0. .... = Urgent: Not set
  ....1 .... = Acknowledgment: Set
  .... 0... = Push: Not set
  .... .0.. = Reset: Not set
  .... ..0. = Syn: Not set
  .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x7135 [correct]
Options: (12 bytes)
  NOP
  NOP
  Time stamp: tsval 636891184, tsecr 219093081
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
29	2.014084	192.168.1.106	128.153.5.66	TCP	52073 >
33333 [SYN] Seq=0 Ack=0 Win=65535 Len=0 MSS=1460 WS=0 TSV=636891184 TSER=0					

```

Frame 29 (78 bytes on wire, 78 bytes captured)
Arrival Time: Dec 11, 2006 16:21:12.855027000
Time delta from previous packet: 0.001197000 seconds
Time since reference or first frame: 2.014084000 seconds
Frame Number: 29
Packet Length: 78 bytes
Capture Length: 78 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)

```

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 64
Identification: 0x8c24 (35876)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66a6 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52073 (52073), Dst Port: 33333 (33333),
Seq: 0, Ack: 0, Len: 0
Source port: 52073 (52073)
Destination port: 33333 (33333)
Sequence number: 0 (relative sequence number)
Header length: 44 bytes
Flags: 0x0002 (SYN)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...0 = Acknowledgment: Not set
 0... = Push: Not set
 0.. = Reset: Not set
 1. = Syn: Set
 0 = Fin: Not set
Window size: 65535
Checksum: 0x30b2 [correct]
Options: (24 bytes)
 Maximum segment size: 1460 bytes
 NOP
 Window scale: 0 (multiply by 1)
 NOP
 NOP
 Time stamp: tsval 636891184, tsecr 0
 SACK permitted

EOL

No.	Time	Source	Destination	Protocol	Info
30	2.158489	128.153.5.66	192.168.1.106	TCP	33333 >

52073 [SYN, ACK] Seq=0 Ack=1 Win=1460 Len=0 MSS=1460 TSV=219093096
TSER=636891184 WS=0

Frame 30 (74 bytes on wire, 74 bytes captured)

Arrival Time: Dec 11, 2006 16:21:12.999432000

Time delta from previous packet: 0.145602000 seconds

Time since reference or first frame: 2.158489000 seconds

Frame Number: 30

Packet Length: 74 bytes

Capture Length: 74 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 60

Identification: 0x0000 (0)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x03cf [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33333 (33333), Dst Port: 52073 (52073),
Seq: 0, Ack: 1, Len: 0

Source port: 33333 (33333)

Destination port: 52073 (52073)

Sequence number: 0 (relative sequence number)

Acknowledgement number: 1 (relative ack number)

Header length: 40 bytes

Flags: 0x0012 (SYN, ACK)

0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..1. = Syn: Set
.... ...0 = Fin: Not set

Window size: 1460

Checksum: 0x1ea8 [correct]

Options: (20 bytes)

Maximum segment size: 1460 bytes

SACK permitted

Time stamp: tsval 219093096, tsecr 636891184

NOP

Window scale: 0 (multiply by 1)

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
31	2.158585	192.168.1.106	128.153.5.66	TCP	52073 >
33333	[ACK]	Seq=1 Ack=1 Win=65535 Len=0 TSV=636891184 TSER=219093096			

Frame 31 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:12.999528000

Time delta from previous packet: 0.145698000 seconds

Time since reference or first frame: 2.158585000 seconds

Frame Number: 31

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8c25 (35877)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set


```

    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66b1 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52073 (52073), Dst Port: 33333 (33333),
Seq: 1, Ack: 1, Len: 0
Source port: 52073 (52073)
Destination port: 33333 (33333)
Sequence number: 1      (relative sequence number)
Acknowledgement number: 1      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x5321 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891184, tsecr 219093096
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
32	2.158862	192.168.1.106	128.153.5.66	FTP

Request: LIST -a

```

Frame 32 (75 bytes on wire, 75 bytes captured)
Arrival Time: Dec 11, 2006 16:21:12.999805000
Time delta from previous packet: 0.145975000 seconds
Time since reference or first frame: 2.158862000 seconds
Frame Number: 32
Packet Length: 75 bytes
Capture Length: 75 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

```

```
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 61
  Identification: 0x8c26 (35878)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x66a7 [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
92, Ack: 197, Len: 9
  Source port: 52072 (52072)
  Destination port: ftp (21)
  Sequence number: 92      (relative sequence number)
  Next sequence number: 101  (relative sequence number)
  Acknowledgement number: 197  (relative ack number)
  Header length: 32 bytes
  Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
  Window size: 65535
  Checksum: 0x464c [correct]
  Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891184, tsecr 219093081
File Transfer Protocol (FTP)
  LIST -a\r\n
  Request command: LIST
  Request arg: -a
```

No.	Time	Source	Destination	Protocol	Info
33	2.313013	128.153.5.66	192.168.1.106	FTP	

Response: 150 Here comes the directory listing.

Frame 33 (105 bytes on wire, 105 bytes captured)

Arrival Time: Dec 11, 2006 16:21:13.153956000

Time delta from previous packet: 0.154151000 seconds

Time since reference or first frame: 2.313013000 seconds

Frame Number: 33

Packet Length: 105 bytes

Capture Length: 105 bytes

Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 91

Identification: 0x8d58 (36184)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x7657 [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq: 197, Ack: 101, Len: 39

Source port: ftp (21)

Destination port: 52072 (52072)

Sequence number: 197 (relative sequence number)

Next sequence number: 236 (relative sequence number)

Acknowledgement number: 101 (relative ack number)

Header length: 32 bytes

Flags: 0x0018 (PSH, ACK)

0... = Congestion Window Reduced (CWR): Not set

.0.. = ECN-Echo: Not set

..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0x4521 [correct]

Options: (12 bytes)

 NOP

 NOP

 Time stamp: tsval 219093111, tsecr 636891184

SEQ/ACK analysis

File Transfer Protocol (FTP)

 150 Here comes the directory listing.\r\n

 Response code: File status okay; about to open data connection (150)

 Response arg: Here comes the directory listing.

No.	Time	Source	Destination	Protocol	Info
34	2.313117	192.168.1.106	128.153.5.66	TCP	52072 >
ftp [ACK] Seq=101 Ack=236 Win=65535 Len=0 TSV=636891185 TSER=219093111					

Frame 34 (66 bytes on wire, 66 bytes captured)

 Arrival Time: Dec 11, 2006 16:21:13.154060000

 Time delta from previous packet: 0.000104000 seconds

 Time since reference or first frame: 2.313117000 seconds

 Frame Number: 34

 Packet Length: 66 bytes

 Capture Length: 66 bytes

 Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

 Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

 Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

 Version: 4

 Header length: 20 bytes

 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

 0000 00.. = Differentiated Services Codepoint: Default (0x00)

 0. = ECN-Capable Transport (ECT): 0

 0 = ECN-CE: 0

 Total Length: 52

 Identification: 0x8c27 (35879)

 Flags: 0x04 (Don't Fragment)

 0... = Reserved bit: Not set

 .1.. = Don't fragment: Set

```

    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66af [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
101, Ack: 236, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 101 (relative sequence number)
Acknowledgement number: 236 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x70e6 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891185, tsecr 219093111
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
35	2.319524	128.153.5.66	192.168.1.106	FTP-DATA	FTP

Data: 730 bytes

```

Frame 35 (796 bytes on wire, 796 bytes captured)
Arrival Time: Dec 11, 2006 16:21:13.160467000
Time delta from previous packet: 0.006511000 seconds
Time since reference or first frame: 2.319524000 seconds
Frame Number: 35
Packet Length: 796 bytes
Capture Length: 796 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)

```

```

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
    0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 782
  Identification: 0xe384 (58244)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 47
  Protocol: TCP (0x06)
  Header checksum: 0x1d70 [correct]
  Source: 128.153.5.66 (128.153.5.66)
  Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33333 (33333), Dst Port: 52073 (52073),
Seq: 1, Ack: 1, Len: 730
  Source port: 33333 (33333)
  Destination port: 52073 (52073)
  Sequence number: 1      (relative sequence number)
  Next sequence number: 731  (relative sequence number)
  Acknowledgement number: 1  (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
  Window size: 5792
  Checksum: 0xc03a [correct]
  Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093112, tsecr 636891184
FTP Data

No.      Time          Source          Destination     Protocol Info
   36  2.320876    128.153.5.66   192.168.1.106   FTP-DATA FTP
Data: 730 bytes

```

```
Frame 36 (796 bytes on wire, 796 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:13.161819000
  Time delta from previous packet: 0.007863000 seconds
  Time since reference or first frame: 2.320876000 seconds
  Frame Number: 36
  Packet Length: 796 bytes
  Capture Length: 796 bytes
  Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
  Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
    0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 782
  Identification: 0xe385 (58245)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 47
  Protocol: TCP (0x06)
  Header checksum: 0x1d6f [correct]
  Source: 128.153.5.66 (128.153.5.66)
  Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33333 (33333), Dst Port: 52073 (52073),
Seq: 731, Ack: 1, Len: 730
  Source port: 33333 (33333)
  Destination port: 52073 (52073)
  Sequence number: 731 (relative sequence number)
  Next sequence number: 1461 (relative sequence number)
  Acknowledgement number: 1 (relative ack number)
  Header length: 32 bytes
  Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 1... = Push: Set
```

.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x59b9 [correct]
Options: (12 bytes)
 NOP
 NOP
Time stamp: tsva1 219093112, tsecr 636891184

FTP Data

No.	Time	Source	Destination	Protocol	Info
37	2.320952	192.168.1.106	128.153.5.66	TCP	52073 >
33333	[ACK]	Seq=1 Ack=1461 Win=65535 Len=0	TSV=636891185 TSER=219093112		

Frame 37 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:13.161895000
Time delta from previous packet: 0.007939000 seconds
Time since reference or first frame: 2.320952000 seconds
Frame Number: 37
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 52
 Identification: 0x8c28 (35880)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 64
 Protocol: TCP (0x06)
 Header checksum: 0x66ae [correct]
 Source: 192.168.1.106 (192.168.1.106)
 Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52073 (52073), Dst Port: 33333 (33333), Seq: 1, Ack: 1461, Len: 0

Source port: 52073 (52073)

Destination port: 33333 (33333)

Sequence number: 1 (relative sequence number)

Acknowledgement number: 1461 (relative ack number)

Header length: 32 bytes

Flags: 0x0010 (ACK)

0... .. = Congestion Window Reduced (CWR): Not set

.0.. .. = ECN-Echo: Not set

..0. = Urgent: Not set

...1 = Acknowledgment: Set

.... 0... = Push: Not set

.... .0.. = Reset: Not set

.... ..0. = Syn: Not set

.... ...0 = Fin: Not set

Window size: 65535

Checksum: 0x4d5c [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891185, tsecr 219093112

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
38	2.322036	128.153.5.66	192.168.1.106	FTP

Response: 226 Directory send OK.

Frame 38 (90 bytes on wire, 90 bytes captured)

Arrival Time: Dec 11, 2006 16:21:13.162979000

Time delta from previous packet: 0.009023000 seconds

Time since reference or first frame: 2.322036000 seconds

Frame Number: 38

Packet Length: 90 bytes

Capture Length: 90 bytes

Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

```

    .... ...0 = ECN-CE: 0
Total Length: 76
Identification: 0x8d59 (36185)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x7665 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq:
236, Ack: 101, Len: 24
Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 236      (relative sequence number)
Next sequence number: 260  (relative sequence number)
Acknowledgement number: 101  (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x94ac [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsvval 219093112, tsecr 636891184
File Transfer Protocol (FTP)
    226 Directory send OK.\r\n
    Response code: Closing data connection (226)
    Response arg: Directory send OK.

```

No.	Time	Source	Destination	Protocol	Info
39	2.322073	192.168.1.106	128.153.5.66	TCP	52072 >
ftp [ACK] Seq=101 Ack=260 Win=65535 Len=0 TSV=636891185 TSER=219093112					

```

Frame 39 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:13.163016000
Time delta from previous packet: 0.000037000 seconds

```

Time since reference or first frame: 2.322073000 seconds
Frame Number: 39
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c29 (35881)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66ad [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 101, Ack: 260, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 101 (relative sequence number)
Acknowledgement number: 260 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x70cd [correct]

Options: (12 bytes)
NOP
NOP
Time stamp: tsval 636891185, tsecr 219093112
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
40	2.482217	128.153.5.66	192.168.1.106	FTP-DATA FTP

Data: 730 bytes

Frame 40 (796 bytes on wire, 796 bytes captured)
Arrival Time: Dec 11, 2006 16:21:13.323160000
Time delta from previous packet: 0.160181000 seconds
Time since reference or first frame: 2.482217000 seconds
Frame Number: 40
Packet Length: 796 bytes
Capture Length: 796 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 782
Identification: 0xe386 (58246)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x1d6e [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33333 (33333), Dst Port: 52073 (52073),
Seq: 1461, Ack: 1, Len: 730
Source port: 33333 (33333)
Destination port: 52073 (52073)
Sequence number: 1461 (relative sequence number)

Next sequence number: 2191 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. .. = ECN-Echo: Not set
..0. .. = Urgent: Not set
...1 .. = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x822a [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsval 219093128, tsecr 636891185

FTP Data

No.	Time	Source	Destination	Protocol Info
41	2.483396	128.153.5.66	192.168.1.106	FTP-DATA FTP

Data: 730 bytes

Frame 41 (796 bytes on wire, 796 bytes captured)
Arrival Time: Dec 11, 2006 16:21:13.324339000
Time delta from previous packet: 0.161360000 seconds
Time since reference or first frame: 2.483396000 seconds
Frame Number: 41
Packet Length: 796 bytes
Capture Length: 796 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 782
Identification: 0xe387 (58247)
Flags: 0x04 (Don't Fragment)

```

    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x1d6d [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33333 (33333), Dst Port: 52073 (52073),
Seq: 2191, Ack: 1, Len: 730
Source port: 33333 (33333)
Destination port: 52073 (52073)
Sequence number: 2191      (relative sequence number)
Next sequence number: 2921  (relative sequence number)
Acknowledgement number: 1   (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x515b [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsva1 219093128, tsecr 636891185

```

FTP Data

No.	Time	Source	Destination	Protocol	Info
42	2.483473	192.168.1.106	128.153.5.66	TCP	52073 >
33333 [ACK] Seq=1 Ack=2921 Win=65535 Len=0 TSV=636891185 TSER=219093128					

```

Frame 42 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:13.324416000
Time delta from previous packet: 0.161437000 seconds
Time since reference or first frame: 2.483473000 seconds
Frame Number: 42
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)

```

```

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c2a (35882)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66ac [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52073 (52073), Dst Port: 33333 (33333),
Seq: 1, Ack: 2921, Len: 0
Source port: 52073 (52073)
Destination port: 33333 (33333)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 2921 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x4798 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsva 636891185, tsecr 219093128
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
-----	------	--------	-------------	----------	------

43 2.484544 128.153.5.66 192.168.1.106 FTP-DATA FTP
Data: 730 bytes

Frame 43 (796 bytes on wire, 796 bytes captured)
Arrival Time: Dec 11, 2006 16:21:13.325487000
Time delta from previous packet: 0.162508000 seconds
Time since reference or first frame: 2.484544000 seconds
Frame Number: 43
Packet Length: 796 bytes
Capture Length: 796 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 782
Identification: 0xe388 (58248)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x1d6c [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33333 (33333), Dst Port: 52073 (52073),
Seq: 2921, Ack: 1, Len: 730
Source port: 33333 (33333)
Destination port: 52073 (52073)
Sequence number: 2921 (relative sequence number)
Next sequence number: 3651 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set

....1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0x09a7 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093128, tsecr 636891185

FTP Data

No.	Time	Source	Destination	Protocol	Info
44	2.585330	192.168.1.106	128.153.5.66	TCP	52073 >
33333 [ACK] Seq=1 Ack=3651 Win=65535 Len=0 TSV=636891185 TSER=219093128					

Frame 44 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:13.426273000

Time delta from previous packet: 0.263294000 seconds

Time since reference or first frame: 2.585330000 seconds

Frame Number: 44

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8c2b (35883)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x66ab [correct]

Source: 192.168.1.106 (192.168.1.106)
 Destination: 128.153.5.66 (128.153.5.66)
 Transmission Control Protocol, Src Port: 52073 (52073), Dst Port: 33333 (33333),
 Seq: 1, Ack: 3651, Len: 0
 Source port: 52073 (52073)
 Destination port: 33333 (33333)
 Sequence number: 1 (relative sequence number)
 Acknowledgement number: 3651 (relative ack number)
 Header length: 32 bytes
 Flags: 0x0010 (ACK)
 0... .. = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
 Window size: 65535
 Checksum: 0x44be [correct]
 Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 636891185, tsecr 219093128
 SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
45	2.656530	128.153.5.66	192.168.1.106	FTP-DATA	FTP

Data: 730 bytes

Frame 45 (796 bytes on wire, 796 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:13.497473000
 Time delta from previous packet: 0.334494000 seconds
 Time since reference or first frame: 2.656530000 seconds
 Frame Number: 45
 Packet Length: 796 bytes
 Capture Length: 796 bytes
 Protocols in frame: eth:ip:tcp:ftp-data
 Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)
 Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0

Total Length: 782

Identification: 0xe389 (58249)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x1d6b [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33333 (33333), Dst Port: 52073 (52073),
Seq: 3651, Ack: 1, Len: 730

Source port: 33333 (33333)

Destination port: 52073 (52073)

Sequence number: 3651 (relative sequence number)

Next sequence number: 4381 (relative sequence number)

Acknowledgement number: 1 (relative ack number)

Header length: 32 bytes

Flags: 0x0018 (PSH, ACK)

0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0x8fb4 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsva 219093145, tsecr 636891185

FTP Data

No.	Time	Source	Destination	Protocol	Info
46	2.656620	192.168.1.106	128.153.5.66	TCP	52073 >
33333 [ACK] Seq=1 Ack=4381 Win=65535 Len=0 TSV=636891185 TSER=219093145					

Frame 46 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:13.497563000

Time delta from previous packet: 0.334584000 seconds

Time since reference or first frame: 2.656620000 seconds

Frame Number: 46
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c2c (35884)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66aa [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52073 (52073), Dst Port: 33333 (33333), Seq: 1, Ack: 4381, Len: 0
Source port: 52073 (52073)
Destination port: 33333 (33333)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 4381 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x41d3 [correct]
Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891185, tsecr 219093145

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
47	2.658176	128.153.5.66	192.168.1.106	FTP-DATA	FTP

Data: 441 bytes

Frame 47 (507 bytes on wire, 507 bytes captured)

Arrival Time: Dec 11, 2006 16:21:13.499119000

Time delta from previous packet: 0.336140000 seconds

Time since reference or first frame: 2.658176000 seconds

Frame Number: 47

Packet Length: 507 bytes

Capture Length: 507 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 493

Identification: 0xe38a (58250)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x1e8b [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33333 (33333), Dst Port: 52073 (52073), Seq: 4381, Ack: 1, Len: 441

Source port: 33333 (33333)

Destination port: 52073 (52073)

Sequence number: 4381 (relative sequence number)

Next sequence number: 4822 (relative sequence number)

Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0019 (FIN, PSH, ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...1 = Fin: Set

Window size: 5792
Checksum: 0x6093 [correct]
Options: (12 bytes)

NOP
NOP
Time stamp: tsva 219093145, tsecr 636891185

FTP Data

No.	Time	Source	Destination	Protocol	Info
48	2.658219	192.168.1.106	128.153.5.66	TCP	52073 >
33333 [ACK] Seq=1 Ack=4823 Win=65535 Len=0 TSV=636891185 TSER=219093145					

Frame 48 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:13.499162000
Time delta from previous packet: 0.336183000 seconds
Time since reference or first frame: 2.658219000 seconds
Frame Number: 48
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c2d (35885)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set

```

    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66a9 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52073 (52073), Dst Port: 33333 (33333),
Seq: 1, Ack: 4823, Len: 0
Source port: 52073 (52073)
Destination port: 33333 (33333)
Sequence number: 1      (relative sequence number)
Acknowledgement number: 4823      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .. = Congestion Window Reduced (CWR): Not set
    .0.. .. = ECN-Echo: Not set
    ..0. .. = Urgent: Not set
    ...1 .. = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x4019 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891185, tsecr 219093145
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
49	2.658437	192.168.1.106	128.153.5.66	TCP	52073 >
33333 [FIN, ACK] Seq=1 Ack=4823 Win=65535 Len=0 TSV=636891185 TSER=219093145					

```

Frame 49 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:13.499380000
Time delta from previous packet: 0.336401000 seconds
Time since reference or first frame: 2.658437000 seconds
Frame Number: 49
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

```

```

Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c2e (35886)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66a8 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52073 (52073), Dst Port: 33333 (33333),
Seq: 1, Ack: 4823, Len: 0
Source port: 52073 (52073)
Destination port: 33333 (33333)
Sequence number: 1      (relative sequence number)
Acknowledgement number: 4823      (relative ack number)
Header length: 32 bytes
Flags: 0x0011 (FIN, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...1 = Fin: Set
Window size: 65535
Checksum: 0x4018 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891185, tsecr 219093145

```

No.	Time	Source	Destination	Protocol	Info
50	2.659165	192.168.1.106	128.153.5.66	FTP	

Request: CWD /afs/clarkson.edu/users/w/e/wernerjs/./#hello.txt


```
Frame 50 (120 bytes on wire, 120 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:13.500108000
  Time delta from previous packet: 0.337129000 seconds
  Time since reference or first frame: 2.659165000 seconds
  Frame Number: 50
  Packet Length: 120 bytes
  Capture Length: 120 bytes
  Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
  Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 106
  Identification: 0x8c2f (35887)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x6671 [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
101, Ack: 260, Len: 54
  Source port: 52072 (52072)
  Destination port: ftp (21)
  Sequence number: 101      (relative sequence number)
  Next sequence number: 155      (relative sequence number)
  Acknowledgement number: 260      (relative ack number)
  Header length: 32 bytes
  Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ....1 .... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
```

```
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0xcc4e [correct]
Options: (12 bytes)
  NOP
  NOP
  Time stamp: tsval 636891185, tsecr 219093112
```

```
File Transfer Protocol (FTP)
  CWD /afs/clarkson.edu/users/w/e/wernerjs/.#hello.txt\r\n
  Request command: CWD
  Request arg: /afs/clarkson.edu/users/w/e/wernerjs/.#hello.txt
```

```
No.      Time          Source          Destination      Protocol Info
  51 2.837010    128.153.5.66   192.168.1.106   TCP        33333 >
52073 [ACK] Seq=4823 Ack=2 Win=5792 Len=0 TSV=219093163 TSER=636891185
```

```
Frame 51 (66 bytes on wire, 66 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:13.677953000
  Time delta from previous packet: 0.177845000 seconds
  Time since reference or first frame: 2.837010000 seconds
  Frame Number: 51
  Packet Length: 66 bytes
  Capture Length: 66 bytes
  Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 52
  Identification: 0x6c21 (27681)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 47
  Protocol: TCP (0x06)
  Header checksum: 0x97b5 [correct]
```

Source: 128.153.5.66 (128.153.5.66)
 Destination: 192.168.1.106 (192.168.1.106)
 Transmission Control Protocol, Src Port: 33333 (33333), Dst Port: 52073 (52073),
 Seq: 4823, Ack: 2, Len: 0
 Source port: 33333 (33333)
 Destination port: 52073 (52073)
 Sequence number: 4823 (relative sequence number)
 Acknowledgement number: 2 (relative ack number)
 Header length: 32 bytes
 Flags: 0x0010 (ACK)
 0... .. = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
 Window size: 5792
 Checksum: 0x2966 [correct]
 Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 219093163, tsecr 636891185
 SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
52	2.837520	128.153.5.66	192.168.1.106	FTP	

Response: 550 Failed to change directory.

Frame 52 (99 bytes on wire, 99 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:13.678463000
 Time delta from previous packet: 0.178355000 seconds
 Time since reference or first frame: 2.837520000 seconds
 Frame Number: 52
 Packet Length: 99 bytes
 Capture Length: 99 bytes
 Protocols in frame: eth:ip:tcp:ftp
 Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)
 Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0

Total Length: 85

Identification: 0x8d5a (36186)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x765b [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq:
260, Ack: 155, Len: 33

Source port: ftp (21)

Destination port: 52072 (52072)

Sequence number: 260 (relative sequence number)

Next sequence number: 293 (relative sequence number)

Acknowledgement number: 155 (relative ack number)

Header length: 32 bytes

Flags: 0x0018 (PSH, ACK)

0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0x1513 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093163, tsecr 636891185

SEQ/ACK analysis

File Transfer Protocol (FTP)

550 Failed to change directory.\r\n

Response code: Requested action not taken: File unavailable (550)

Response arg: Failed to change directory.

No.	Time	Source	Destination	Protocol	Info
53	2.837575	192.168.1.106	128.153.5.66	TCP	52072 >
ftp [ACK] Seq=155 Ack=293 Win=65535 Len=0 TSV=636891186 TSER=219093163					

```
Frame 53 (66 bytes on wire, 66 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:13.678518000
  Time delta from previous packet: 0.000055000 seconds
  Time since reference or first frame: 2.837575000 seconds
  Frame Number: 53
  Packet Length: 66 bytes
  Capture Length: 66 bytes
  Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
  Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 52
  Identification: 0x8c30 (35888)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x66a6 [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
155, Ack: 293, Len: 0
  Source port: 52072 (52072)
  Destination port: ftp (21)
  Sequence number: 155      (relative sequence number)
  Acknowledgement number: 293      (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
```

.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x7042 [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 636891186, tsecr 219093163
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
54	2.870961	192.168.1.106	128.153.5.66	FTP	

Request: NOOP

Frame 54 (72 bytes on wire, 72 bytes captured)

Arrival Time: Dec 11, 2006 16:21:13.711904000
Time delta from previous packet: 0.033441000 seconds
Time since reference or first frame: 2.870961000 seconds
Frame Number: 54
Packet Length: 72 bytes
Capture Length: 72 bytes
Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0

Total Length: 58
Identification: 0x8c31 (35889)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set

Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x669f [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 155, Ack: 293, Len: 6

Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 155 (relative sequence number)
Next sequence number: 161 (relative sequence number)
Acknowledgement number: 293 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
 0... .. = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 1... = Push: Set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
Window size: 65535
Checksum: 0xc58a [correct]
Options: (12 bytes)

 NOP
 NOP
 Time stamp: tsva1 636891186, tsecr 219093163

File Transfer Protocol (FTP)
 NOOP\r\n
 Request command: NOOP

No.	Time	Source	Destination	Protocol Info
55	3.021865	128.153.5.66	192.168.1.106	FTP

Response: 200 NOOP ok.

Frame 55 (80 bytes on wire, 80 bytes captured)
Arrival Time: Dec 11, 2006 16:21:13.862808000
Time delta from previous packet: 0.150904000 seconds
Time since reference or first frame: 3.021865000 seconds
Frame Number: 55
Packet Length: 80 bytes
Capture Length: 80 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)

```

    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 66
Identification: 0x8d5b (36187)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x766d [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq:
293, Ack: 161, Len: 14
Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 293      (relative sequence number)
Next sequence number: 307  (relative sequence number)
Acknowledgement number: 161  (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ....1 .... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 5792
Checksum: 0xc0db [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093182, tsecr 636891186
SEQ/ACK analysis
File Transfer Protocol (FTP)
200 NOOP ok.\r\n
    Response code: Command okay (200)
    Response arg: NOOP ok.

```

No.	Time	Source	Destination	Protocol	Info
56	3.021965	192.168.1.106	128.153.5.66	TCP	52072 >
ftp [ACK] Seq=161 Ack=307 Win=65535 Len=0 TSV=636891186 TSER=219093182					

Frame 56 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:13.862908000
Time delta from previous packet: 0.000100000 seconds
Time since reference or first frame: 3.021965000 seconds
Frame Number: 56
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c32 (35890)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66a4 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 161, Ack: 307, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 161 (relative sequence number)
Acknowledgement number: 307 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set

Window size: 65535
Checksum: 0x701b [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 636891186, tsecr 219093182
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
57	3.022468	192.168.1.106	128.153.5.66	FTP

Request: TYPE I

Frame 57 (74 bytes on wire, 74 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:13.863411000
 Time delta from previous packet: 0.000603000 seconds
 Time since reference or first frame: 3.022468000 seconds
 Frame Number: 57
 Packet Length: 74 bytes
 Capture Length: 74 bytes
 Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 60
 Identification: 0x8c33 (35891)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 64
 Protocol: TCP (0x06)
 Header checksum: 0x669b [correct]
 Source: 192.168.1.106 (192.168.1.106)
 Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 161, Ack: 307, Len: 8
 Source port: 52072 (52072)

Destination port: ftp (21)
Sequence number: 161 (relative sequence number)
Next sequence number: 169 (relative sequence number)
Acknowledgement number: 307 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x9e19 [correct]
Options: (12 bytes)

NOP

NOP

Time stamp: tsva1 636891186, tsecr 219093182

File Transfer Protocol (FTP)

TYPE I\r\n

Request command: TYPE

Request arg: I

No.	Time	Source	Destination	Protocol Info
58	3.174397	128.153.5.66	192.168.1.106	FTP

Response: 200 Switching to Binary mode.

Frame 58 (97 bytes on wire, 97 bytes captured)

Arrival Time: Dec 11, 2006 16:21:14.015340000

Time delta from previous packet: 0.151929000 seconds

Time since reference or first frame: 3.174397000 seconds

Frame Number: 58

Packet Length: 97 bytes

Capture Length: 97 bytes

Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

```

    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 83
Identification: 0x8d5c (36188)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x765b [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq:
307, Ack: 169, Len: 31
Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 307      (relative sequence number)
Next sequence number: 338  (relative sequence number)
Acknowledgement number: 169  (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ....1 .... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x2375 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093197, tsecr 636891186
SEQ/ACK analysis
File Transfer Protocol (FTP)
    200 Switching to Binary mode.\r\n
    Response code: Command okay (200)
    Response arg: Switching to Binary mode.

No.      Time          Source          Destination          Protocol Info
   59  3.174503    192.168.1.106    128.153.5.66        TCP        52072 >
ftp [ACK] Seq=169 Ack=338 Win=65535 Len=0 TSV=636891186 TSER=219093197

Frame 59 (66 bytes on wire, 66 bytes captured)

```

Arrival Time: Dec 11, 2006 16:21:14.015446000
Time delta from previous packet: 0.000106000 seconds
Time since reference or first frame: 3.174503000 seconds
Frame Number: 59
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c34 (35892)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x66a2 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 169, Ack: 338, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 169 (relative sequence number)
Acknowledgement number: 338 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set

Window size: 65535
Checksum: 0x6fe5 [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 636891186, tsecr 219093197
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
60	3.174889	192.168.1.106	128.153.5.66	FTP

Request: PASV

Frame 60 (72 bytes on wire, 72 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:14.015832000
 Time delta from previous packet: 0.000492000 seconds
 Time since reference or first frame: 3.174889000 seconds
 Frame Number: 60
 Packet Length: 72 bytes
 Capture Length: 72 bytes
 Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 58
 Identification: 0x8c35 (35893)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 64
 Protocol: TCP (0x06)
 Header checksum: 0x669b [correct]
 Source: 192.168.1.106 (192.168.1.106)
 Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 169, Ack: 338, Len: 6
 Source port: 52072 (52072)

Destination port: ftp (21)
Sequence number: 169 (relative sequence number)
Next sequence number: 175 (relative sequence number)
Acknowledgement number: 338 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0xbf35 [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsval 636891186, tsecr 219093197

File Transfer Protocol (FTP)
PASV\r\n
Request command: PASV

No.	Time	Source	Destination	Protocol Info
61	3.315856	128.153.5.66	192.168.1.106	FTP

Response: 227 Entering Passive Mode (128,153,5,66,130,45)

Frame 61 (115 bytes on wire, 115 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.156799000
Time delta from previous packet: 0.140967000 seconds
Time since reference or first frame: 3.315856000 seconds
Frame Number: 61
Packet Length: 115 bytes
Capture Length: 115 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0

```

    .... ...0 = ECN-CE: 0
Total Length: 101
Identification: 0x8d5d (36189)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x7648 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq:
338, Ack: 175, Len: 49
Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 338      (relative sequence number)
Next sequence number: 387  (relative sequence number)
Acknowledgement number: 175  (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 5792
Checksum: 0xe195 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsva 219093211, tsecr 636891186
SEQ/ACK analysis
File Transfer Protocol (FTP)
227 Entering Passive Mode (128,153,5,66,130,45)\r\n
Response code: Entering Passive Mode (227)
Response arg: Entering Passive Mode (128,153,5,66,130,45)
Passive IP address: 128.153.5.66 (128.153.5.66)
Passive port: 33325

No.      Time          Source          Destination          Protocol Info
   62 3.315947    192.168.1.106  128.153.5.66        TCP      52072 >
ftp [ACK] Seq=175 Ack=387 Win=65535 Len=0 TSV=636891187 TSER=219093211

```



```
Frame 62 (66 bytes on wire, 66 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:14.156890000
  Time delta from previous packet: 0.000091000 seconds
  Time since reference or first frame: 3.315947000 seconds
  Frame Number: 62
  Packet Length: 66 bytes
  Capture Length: 66 bytes
  Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
  Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 52
  Identification: 0x8c36 (35894)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x66a0 [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
175, Ack: 387, Len: 0
  Source port: 52072 (52072)
  Destination port: ftp (21)
  Sequence number: 175      (relative sequence number)
  Acknowledgement number: 387      (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
```

.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x6f9f [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 636891187, tsecr 219093211
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
63	3.316711	192.168.1.106	128.153.5.66	TCP	52074 >
33325 [SYN] Seq=0 Ack=0 Win=65535 Len=0 MSS=1460 WS=0 TSV=636891187 TSER=0					

Frame 63 (78 bytes on wire, 78 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:14.157654000
 Time delta from previous packet: 0.000855000 seconds
 Time since reference or first frame: 3.316711000 seconds
 Frame Number: 63
 Packet Length: 78 bytes
 Capture Length: 78 bytes
 Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 64
 Identification: 0x8c37 (35895)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 64
 Protocol: TCP (0x06)
 Header checksum: 0x6693 [correct]
 Source: 192.168.1.106 (192.168.1.106)
 Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 0, Ack: 0, Len: 0

Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 0 (relative sequence number)
Header length: 44 bytes
Flags: 0x0002 (SYN)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...0 = Acknowledgment: Not set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..1. = Syn: Set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0xe4e6 [correct]
Options: (24 bytes)
Maximum segment size: 1460 bytes
NOP
Window scale: 0 (multiply by 1)
NOP
NOP
Time stamp: tsval 636891187, tsecr 0
SACK permitted
EOL

No.	Time	Source	Destination	Protocol	Info
64	3.455775	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [SYN, ACK] Seq=0 Ack=1 Win=1460 Len=0 MSS=1460 TSV=219093225 TSER=636891187 WS=0					

Frame 64 (74 bytes on wire, 74 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.296718000
Time delta from previous packet: 0.139919000 seconds
Time since reference or first frame: 3.455775000 seconds
Frame Number: 64
Packet Length: 74 bytes
Capture Length: 74 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

```

    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 60
Identification: 0x0000 (0)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x03cf [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 0, Ack: 1, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 0 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 40 bytes
Flags: 0x0012 (SYN, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..1. = Syn: Set
    .... ...0 = Fin: Not set
Window size: 1460
Checksum: 0xf775 [correct]
Options: (20 bytes)
    Maximum segment size: 1460 bytes
    SACK permitted
    Time stamp: tsval 219093225, tsecr 636891187
    NOP
    Window scale: 0 (multiply by 1)
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
65	3.455873	192.168.1.106	128.153.5.66	TCP	52074 >
33325 [ACK] Seq=1 Ack=1 Win=65535 Len=0 TSV=636891187 TSER=219093225					

```

Frame 65 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.296816000
Time delta from previous packet: 0.140017000 seconds

```

Time since reference or first frame: 3.455873000 seconds
Frame Number: 65
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c38 (35896)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x669e [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 1, Ack: 1, Len: 0
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x2bef [correct]

Options: (12 bytes)
NOP
NOP
Time stamp: tsval 636891187, tsecr 219093225
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
66	3.456175	192.168.1.106	128.153.5.66	FTP	

Request: STOR /afs/clarkson.edu/users/w/e/wernerjs/Audio.mov

Frame 66 (119 bytes on wire, 119 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.297118000
Time delta from previous packet: 0.140319000 seconds
Time since reference or first frame: 3.456175000 seconds
Frame Number: 66
Packet Length: 119 bytes
Capture Length: 119 bytes
Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 105
Identification: 0x8c39 (35897)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6668 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 175, Ack: 387, Len: 53
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 175 (relative sequence number)

Next sequence number: 228 (relative sequence number)
Acknowledgement number: 387 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. .. = ECN-Echo: Not set
..0. .. = Urgent: Not set
...1 .. = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0x45be [correct]
Options: (12 bytes)

NOP
NOP

Time stamp: tsval 636891187, tsecr 219093211

File Transfer Protocol (FTP)

STOR /afs/clarkson.edu/users/w/e/wernerjs/Audio.mov\r\n

Request command: STOR

Request arg: /afs/clarkson.edu/users/w/e/wernerjs/Audio.mov

No.	Time	Source	Destination	Protocol	Info
67	3.607467	128.153.5.66	192.168.1.106	FTP	

Response: 150 FILE: /afs/clarkson.edu/users/w/e/wernerjs/Audio.mov.1

Frame 67 (126 bytes on wire, 126 bytes captured)

Arrival Time: Dec 11, 2006 16:21:14.448410000

Time delta from previous packet: 0.151292000 seconds

Time since reference or first frame: 3.607467000 seconds

Frame Number: 67

Packet Length: 126 bytes

Capture Length: 126 bytes

Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

```

Total Length: 112
Identification: 0x8d5e (36190)
Flags: 0x04 (Don't Fragment)
  0... = Reserved bit: Not set
  .1.. = Don't fragment: Set
  ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x763c [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq:
387, Ack: 228, Len: 60
Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 387      (relative sequence number)
Next sequence number: 447      (relative sequence number)
Acknowledgement number: 228      (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
  0... .. = Congestion Window Reduced (CWR): Not set
  .0.. .. = ECN-Echo: Not set
  ..0. .. = Urgent: Not set
  ...1 ... = Acknowledgment: Set
  .... 1... = Push: Set
  .... .0.. = Reset: Not set
  .... ..0. = Syn: Not set
  .... ...0 = Fin: Not set
Window size: 5792
Checksum: 0xfecc [correct]
Options: (12 bytes)
  NOP
  NOP
  Time stamp: tsval 219093240, tsecr 636891187
SEQ/ACK analysis
File Transfer Protocol (FTP)
150 FILE: /afs/clarkson.edu/users/w/e/wernerjs/Audio.mov.1\r\n
Response code: File status okay; about to open data connection (150)
Response arg: FILE: /afs/clarkson.edu/users/w/e/wernerjs/Audio.mov.1

No.      Time          Source          Destination          Protocol Info
 68 3.607564    192.168.1.106  128.153.5.66        TCP          52072 >
ftp [ACK] Seq=228 Ack=447 Win=65535 Len=0 TSV=636891187 TSER=219093240

Frame 68 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.448507000
Time delta from previous packet: 0.000097000 seconds

```


Time since reference or first frame: 3.607564000 seconds
Frame Number: 68
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c3a (35898)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x669c [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 228, Ack: 447, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 228 (relative sequence number)
Acknowledgement number: 447 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x6f11 [correct]

Options: (12 bytes)
NOP
NOP
Time stamp: tsval 636891187, tsecr 219093240
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
69	3.628786	192.168.1.106	128.153.5.66	FTP-DATA	FTP

Data: 1448 bytes

Frame 69 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.469729000
Time delta from previous packet: 0.021319000 seconds
Time since reference or first frame: 3.628786000 seconds
Frame Number: 69
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c3b (35899)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60f3 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 1, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 1 (relative sequence number)

Next sequence number: 1449 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)

0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0x8b04 [correct]
Options: (12 bytes)

NOP
NOP

Time stamp: tsva1 636891187, tsecr 219093225

FTP Data

No.	Time	Source	Destination	Protocol	Info
70	3.692360	192.168.1.106	82.195.231.218	TCP	52067 >

http [FIN, ACK] Seq=0 Ack=0 Win=65535 Len=0 TSV=636891187 TSER=505114878

Frame 70 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:14.533303000
Time delta from previous packet: 0.084893000 seconds
Time since reference or first frame: 3.692360000 seconds
Frame Number: 70
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 82.195.231.218 (82.195.231.218)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8c3c (35900)

Flags: 0x04 (Don't Fragment)

```

    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0xb1d7 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 82.195.231.218 (82.195.231.218)
Transmission Control Protocol, Src Port: 52067 (52067), Dst Port: http (80),
Seq: 0, Ack: 0, Len: 0
Source port: 52067 (52067)
Destination port: http (80)
Sequence number: 0      (relative sequence number)
Acknowledgement number: 0      (relative ack number)
Header length: 32 bytes
Flags: 0x0011 (FIN, ACK)
    0... ..0... = Congestion Window Reduced (CWR): Not set
    .0.. ..0... = ECN-Echo: Not set
    ..0. ..0... = Urgent: Not set
    ...1 ..0... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...1 = Fin: Set
Window size: 65535
Checksum: 0x4f92 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsva1 636891187, tsecr 505114878

```

No.	Time	Source	Destination	Protocol	Info
71	3.755061	128.153.5.66	192.168.1.106	TCP	33325 >
52074	[ACK]	Seq=1 Ack=1449 Win=8688 Len=0	TSV=219093255 TSER=636891187		

```

Frame 71 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.596004000
Time delta from previous packet: 0.147594000 seconds
Time since reference or first frame: 3.755061000 seconds
Frame Number: 71
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

```

```

Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
    0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0xce29 (52777)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x35a5 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 1449, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 1449 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 8688
Checksum: 0x0439 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093255, tsecr 636891187
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
72	3.755155	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 72 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.596098000
Time delta from previous packet: 0.147688000 seconds
Time since reference or first frame: 3.755155000 seconds
Frame Number: 72
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c3d (35901)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60f1 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 1449, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 1449 (relative sequence number)
Next sequence number: 2897 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set

.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x12f2 [correct]
Options: (12 bytes)
 NOP
 NOP
Time stamp: tsva1 636891187, tsecr 219093255

FTP Data

No.	Time	Source	Destination	Protocol Info
73	3.755195	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 73 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.596138000
Time delta from previous packet: 0.147728000 seconds
Time since reference or first frame: 3.755195000 seconds
Frame Number: 73
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 1500
 Identification: 0x8c3e (35902)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 64
 Protocol: TCP (0x06)
 Header checksum: 0x60f0 [correct]
 Source: 192.168.1.106 (192.168.1.106)
 Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 2897, Ack: 1, Len: 1448

Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 2897 (relative sequence number)
Next sequence number: 4345 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0xb635 [correct]
Options: (12 bytes)

NOP
NOP
Time stamp: tsval 636891187, tsecr 219093255

FTP Data

No.	Time	Source	Destination	Protocol	Info
74	3.815444	82.195.231.218	192.168.1.106	TCP	http >
52067	[ACK]	Seq=0 Ack=1 Win=33303 Len=0	TSV=505129717 TSER=636891187		

Frame 74 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:14.656387000
Time delta from previous packet: 0.207977000 seconds
Time since reference or first frame: 3.815444000 seconds

Frame Number: 74
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)

Internet Protocol, Src: 82.195.231.218 (82.195.231.218), Dst: 192.168.1.106 (192.168.1.106)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)


```

    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0xb046 (45126)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 50
Protocol: TCP (0x06)
Header checksum: 0x9bcd [correct]
Source: 82.195.231.218 (82.195.231.218)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: http (80), Dst Port: 52067 (52067),
Seq: 0, Ack: 1, Len: 0
Source port: http (80)
Destination port: 52067 (52067)
Sequence number: 0      (relative sequence number)
Acknowledgement number: 1  (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 33303
Checksum: 0x9383 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 505129717, tsecr 636891187
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
75	3.890068	128.153.5.66	192.168.1.106	TCP	33325 >
52074	[ACK]	Seq=1 Ack=2897 Win=11584 Len=0 TSV=219093269 TSER=636891187			

```

Frame 75 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.731011000
Time delta from previous packet: 0.282601000 seconds
Time since reference or first frame: 3.890068000 seconds
Frame Number: 75
Packet Length: 66 bytes

```

Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
 0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 52
Identification: 0xce2a (52778)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x35a4 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 2897, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 2897 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
Window size: 11584
Checksum: 0xf332 [correct]
Options: (12 bytes)
 NOP
 NOP

Time stamp: tsva1 219093269, tsecr 636891187
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
76	3.890144	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 76 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.731087000
Time delta from previous packet: 0.282677000 seconds
Time since reference or first frame: 3.890144000 seconds
Frame Number: 76
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c3f (35903)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60ef [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 4345, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 4345 (relative sequence number)
Next sequence number: 5793 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes

Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0... .. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535

Checksum: 0x27df [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891188, tsecr 219093269

FTP Data

No.	Time	Source	Destination	Protocol Info
77	3.890177	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 77 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:14.731120000

Time delta from previous packet: 0.282710000 seconds

Time since reference or first frame: 3.890177000 seconds

Frame Number: 77

Packet Length: 1514 bytes

Capture Length: 1514 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 1500

Identification: 0x8c40 (35904)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

```

Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60ee [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 5793, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 5793      (relative sequence number)
Next sequence number: 7241  (relative sequence number)
Acknowledgement number: 1   (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
  0... .. = Congestion Window Reduced (CWR): Not set
  .0.. .. = ECN-Echo: Not set
  ..0. .. = Urgent: Not set
  ...1 ... = Acknowledgment: Set
  .... 0... = Push: Not set
  .... .0.. = Reset: Not set
  .... ..0. = Syn: Not set
  .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x6ce1 [correct]
Options: (12 bytes)
  NOP
  NOP
  Time stamp: tsval 636891188, tsecr 219093269

```

FTP Data

No.	Time	Source	Destination	Protocol	Info
78	3.900008	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=4345 Win=14480 Len=0 TSV=219093270 TSER=636891187					

```

Frame 78 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.740951000
Time delta from previous packet: 0.292541000 seconds
Time since reference or first frame: 3.900008000 seconds
Frame Number: 78
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)

```

```

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
    0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 52
  Identification: 0xce2b (52779)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 47
  Protocol: TCP (0x06)
  Header checksum: 0x35a3 [correct]
  Source: 128.153.5.66 (128.153.5.66)
  Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 4345, Len: 0
  Source port: 33325 (33325)
  Destination port: 52074 (52074)
  Sequence number: 1 (relative sequence number)
  Acknowledgement number: 4345 (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
  Window size: 14480
  Checksum: 0xe239 [correct]
  Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093270, tsecr 636891187
  SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
79	3.900099	192.168.1.106	128.153.5.66	FTP-DATA FTP
Data: 1448 bytes				

Frame 79 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.741042000
Time delta from previous packet: 0.292632000 seconds
Time since reference or first frame: 3.900099000 seconds
Frame Number: 79
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c41 (35905)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60ed [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 7241, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 7241 (relative sequence number)
Next sequence number: 8689 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set

.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0xcb40 [correct]
Options: (12 bytes)
 NOP
 NOP
Time stamp: tsval 636891188, tsecr 219093270

FTP Data

No.	Time	Source	Destination	Protocol Info
80	3.900139	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 80 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.741082000
Time delta from previous packet: 0.292672000 seconds
Time since reference or first frame: 3.900139000 seconds
Frame Number: 80
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 1500
 Identification: 0x8c42 (35906)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 64
 Protocol: TCP (0x06)
 Header checksum: 0x60ec [correct]
 Source: 192.168.1.106 (192.168.1.106)
 Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 8689, Ack: 1, Len: 1448

Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 8689 (relative sequence number)
Next sequence number: 10137 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)

0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0xf26d [correct]
Options: (12 bytes)

NOP
NOP
Time stamp: tsval 636891188, tsecr 219093270

FTP Data

No.	Time	Source	Destination	Protocol	Info
81	4.020489	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=5793 Win=17376 Len=0 TSV=219093281 TSER=636891188					

Frame 81 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:14.861432000
Time delta from previous packet: 0.413022000 seconds
Time since reference or first frame: 4.020489000 seconds

Frame Number: 81
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

```

    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0xce2c (52780)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x35a2 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 5793, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 5793 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 17376
Checksum: 0xd135 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093281, tsecr 636891188
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
82	4.020580	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

```

Frame 82 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.861523000
Time delta from previous packet: 0.413113000 seconds
Time since reference or first frame: 4.020580000 seconds
Frame Number: 82
Packet Length: 1514 bytes

```

Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c43 (35907)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60eb [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 10137, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 10137 (relative sequence number)
Next sequence number: 11585 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0xc395 [correct]
Options: (12 bytes)
NOP

NOP

Time stamp: tsval 636891188, tsecr 219093281

FTP Data

No.	Time	Source	Destination	Protocol Info
83	4.020619	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 83 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:14.861562000

Time delta from previous packet: 0.413152000 seconds

Time since reference or first frame: 4.020619000 seconds

Frame Number: 83

Packet Length: 1514 bytes

Capture Length: 1514 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 1500

Identification: 0x8c44 (35908)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x60ea [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 11585, Ack: 1, Len: 1448

Source port: 52074 (52074)

Destination port: 33325 (33325)

Sequence number: 11585 (relative sequence number)

Next sequence number: 13033 (relative sequence number)

Acknowledgement number: 1 (relative ack number)

Header length: 32 bytes
Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0xfc03 [correct]
Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891188, tsecr 219093281

FTP Data

No.	Time	Source	Destination	Protocol	Info
84	4.028601	128.153.5.66	192.168.1.106	TCP	33325 >
52074	[ACK]	Seq=1 Ack=7241 Win=20272 Len=0 TSV=219093282 TSER=636891188			

Frame 84 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:14.869544000

Time delta from previous packet: 0.421134000 seconds

Time since reference or first frame: 4.028601000 seconds

Frame Number: 84

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0xce2d (52781)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

```

    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x35a1 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 7241, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1      (relative sequence number)
Acknowledgement number: 7241      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 20272
Checksum: 0xc03c [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093282, tsecr 636891188
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
85	4.028679	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

```

Frame 85 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.869622000
Time delta from previous packet: 0.421212000 seconds
Time since reference or first frame: 4.028679000 seconds
Frame Number: 85
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

```

```

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 1500
  Identification: 0x8c45 (35909)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x60e9 [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 13033, Ack: 1, Len: 1448
  Source port: 52074 (52074)
  Destination port: 33325 (33325)
  Sequence number: 13033      (relative sequence number)
  Next sequence number: 14481  (relative sequence number)
  Acknowledgement number: 1   (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
  Window size: 65535
  Checksum: 0x954f [correct]
  Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891188, tsecr 219093282
FTP Data

No.      Time          Source          Destination    Protocol Info
   86  4.028715    192.168.1.106  128.153.5.66  FTP-DATA  FTP
Data: 1448 bytes

```

Frame 86 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.869658000
Time delta from previous packet: 0.421248000 seconds
Time since reference or first frame: 4.028715000 seconds
Frame Number: 86
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c46 (35910)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60e8 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 14481, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 14481 (relative sequence number)
Next sequence number: 15929 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set

.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x3ed2 [correct]
Options: (12 bytes)
 NOP
 NOP
Time stamp: tsva1 636891188, tsecr 219093282

FTP Data

No.	Time	Source	Destination	Protocol	Info
87	4.046788	128.153.5.66	192.168.1.106	TCP	33325 >
52074	[ACK]	Seq=1 Ack=8689 Win=23168 Len=0	TSV=219093284	TSER=636891188	

Frame 87 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.887731000
Time delta from previous packet: 0.439321000 seconds
Time since reference or first frame: 4.046788000 seconds
Frame Number: 87
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
 0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 52
 Identification: 0xce2e (52782)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 47
 Protocol: TCP (0x06)
 Header checksum: 0x35a0 [correct]
 Source: 128.153.5.66 (128.153.5.66)
 Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 8689, Len: 0

Source port: 33325 (33325)

Destination port: 52074 (52074)

Sequence number: 1 (relative sequence number)

Acknowledgement number: 8689 (relative ack number)

Header length: 32 bytes

Flags: 0x0010 (ACK)

0... .. = Congestion Window Reduced (CWR): Not set

.0.. .. = ECN-Echo: Not set

..0. = Urgent: Not set

...1 = Acknowledgment: Set

.... 0... = Push: Not set

.... .0.. = Reset: Not set

.... ..0. = Syn: Not set

.... ...0 = Fin: Not set

Window size: 23168

Checksum: 0xaf42 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093284, tsecr 636891188

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
88	4.046875	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 88 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:14.887818000

Time delta from previous packet: 0.439408000 seconds

Time since reference or first frame: 4.046875000 seconds

Frame Number: 88

Packet Length: 1514 bytes

Capture Length: 1514 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

```

    .... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c47 (35911)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60e7 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 15929, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 15929      (relative sequence number)
Next sequence number: 17377  (relative sequence number)
Acknowledgement number: 1    (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x40c0 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891188, tsecr 219093284

```

FTP Data

No.	Time	Source	Destination	Protocol Info
89	4.046915	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

```

Frame 89 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:14.887858000
Time delta from previous packet: 0.439448000 seconds
Time since reference or first frame: 4.046915000 seconds
Frame Number: 89
Packet Length: 1514 bytes

```

Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c48 (35912)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60e6 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 17377, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 17377 (relative sequence number)
Next sequence number: 18825 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0xb5e2 [correct]
Options: (12 bytes)
NOP

NOP

Time stamp: tsval 636891188, tsecr 219093284

FTP Data

No.	Time	Source	Destination	Protocol	Info
90	4.070691	128.153.5.66	192.168.1.106	TCP	33325 >

52074 [ACK] Seq=1 Ack=10137 Win=26064 Len=0 TSV=219093286 TSER=636891188

Frame 90 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:14.911634000

Time delta from previous packet: 0.463224000 seconds

Time since reference or first frame: 4.070691000 seconds

Frame Number: 90

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0xce2f (52783)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x359f [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074), Seq: 1, Ack: 10137, Len: 0

Source port: 33325 (33325)

Destination port: 52074 (52074)

Sequence number: 1 (relative sequence number)

Acknowledgement number: 10137 (relative ack number)

Header length: 32 bytes

Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0... .. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 26064

Checksum: 0x9e48 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093286, tsecr 636891188

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
91	4.070775	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 91 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:14.911718000

Time delta from previous packet: 0.463308000 seconds

Time since reference or first frame: 4.070775000 seconds

Frame Number: 91

Packet Length: 1514 bytes

Capture Length: 1514 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 1500

Identification: 0x8c49 (35913)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

```

Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60e5 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 18825, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 18825 (relative sequence number)
Next sequence number: 20273 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
  0... .... = Congestion Window Reduced (CWR): Not set
  .0.. .... = ECN-Echo: Not set
  ..0. .... = Urgent: Not set
  ...1 .... = Acknowledgment: Set
  .... 0... = Push: Not set
  .... .0.. = Reset: Not set
  .... ..0. = Syn: Not set
  .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x5075 [correct]
Options: (12 bytes)
  NOP
  NOP
  Time stamp: tsval 636891188, tsecr 219093286

```

FTP Data

No.	Time	Source	Destination	Protocol Info
92	4.070810	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 92 (1514 bytes on wire, 1514 bytes captured)

```

Arrival Time: Dec 11, 2006 16:21:14.911753000
Time delta from previous packet: 0.463343000 seconds
Time since reference or first frame: 4.070810000 seconds
Frame Number: 92
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

```

```

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 1500
  Identification: 0x8c4a (35914)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x60e4 [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 20273, Ack: 1, Len: 1448
  Source port: 52074 (52074)
  Destination port: 33325 (33325)
  Sequence number: 20273      (relative sequence number)
  Next sequence number: 21721  (relative sequence number)
  Acknowledgement number: 1   (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
  Window size: 65535
  Checksum: 0x0c12 [correct]
  Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891188, tsecr 219093286
FTP Data

No.      Time          Source          Destination      Protocol  Info
   93  4.164390     128.153.5.66   192.168.1.106   TCP       33325 >
52074 [ACK] Seq=1 Ack=11585 Win=28960 Len=0 TSV=219093296 TSER=636891188

```



```
Frame 93 (66 bytes on wire, 66 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:15.005333000
  Time delta from previous packet: 0.556923000 seconds
  Time since reference or first frame: 4.164390000 seconds
  Frame Number: 93
  Packet Length: 66 bytes
  Capture Length: 66 bytes
  Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
  Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
    0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 52
  Identification: 0xce30 (52784)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 47
  Protocol: TCP (0x06)
  Header checksum: 0x359e [correct]
  Source: 128.153.5.66 (128.153.5.66)
  Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 11585, Len: 0
  Source port: 33325 (33325)
  Destination port: 52074 (52074)
  Sequence number: 1 (relative sequence number)
  Acknowledgement number: 11585 (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
```

.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 28960
Checksum: 0x8d46 [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 219093296, tsecr 636891188
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
94	4.164485	192.168.1.106	128.153.5.66	FTP-DATA	FTP

Data: 1448 bytes

Frame 94 (1514 bytes on wire, 1514 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:15.005428000
 Time delta from previous packet: 0.557018000 seconds
 Time since reference or first frame: 4.164485000 seconds
 Frame Number: 94
 Packet Length: 1514 bytes
 Capture Length: 1514 bytes
 Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 1500
 Identification: 0x8c4b (35915)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 64
 Protocol: TCP (0x06)
 Header checksum: 0x60e3 [correct]
 Source: 192.168.1.106 (192.168.1.106)
 Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 21721, Ack: 1, Len: 1448

Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 21721 (relative sequence number)
Next sequence number: 23169 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)

0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0xac7e [correct]
Options: (12 bytes)

NOP
NOP
Time stamp: tsval 636891188, tsecr 219093296

FTP Data

No.	Time	Source	Destination	Protocol Info
95	4.164525	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 95 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.005468000
Time delta from previous packet: 0.557058000 seconds
Time since reference or first frame: 4.164525000 seconds

Frame Number: 95
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)

```

    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c4c (35916)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60e2 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 23169, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 23169      (relative sequence number)
Next sequence number: 24617  (relative sequence number)
Acknowledgement number: 1    (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ....1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x6f56 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891188, tsecr 219093296

```

FTP Data

No.	Time	Source	Destination	Protocol	Info
96	4.172558	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=13033 Win=31856 Len=0 TSV=219093296 TSER=636891188					

```

Frame 96 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.013501000
Time delta from previous packet: 0.565091000 seconds
Time since reference or first frame: 4.172558000 seconds
Frame Number: 96

```

Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
 0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 52
Identification: 0xce31 (52785)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x359d [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 13033, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 13033 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
Window size: 31856
Checksum: 0x7c4e [correct]
Options: (12 bytes)
 NOP

NOP

Time stamp: tsval 219093296, tsecr 636891188

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
97	4.172634	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 97 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.013577000

Time delta from previous packet: 0.565167000 seconds

Time since reference or first frame: 4.172634000 seconds

Frame Number: 97

Packet Length: 1514 bytes

Capture Length: 1514 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 1500

Identification: 0x8c4d (35917)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x60e1 [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 24617, Ack: 1, Len: 1448

Source port: 52074 (52074)

Destination port: 33325 (33325)

Sequence number: 24617 (relative sequence number)

Next sequence number: 26065 (relative sequence number)

Acknowledgement number: 1 (relative ack number)

Header length: 32 bytes
Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. .. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0x8c17 [correct]
Options: (12 bytes)

NOP
NOP
Time stamp: tsval 636891188, tsecr 219093296

FTP Data

No.	Time	Source	Destination	Protocol Info
98	4.172668	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 98 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.013611000
Time delta from previous packet: 0.565201000 seconds
Time since reference or first frame: 4.172668000 seconds
Frame Number: 98
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0

Total Length: 1500
Identification: 0x8c4e (35918)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set

```

    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60e0 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 26065, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 26065      (relative sequence number)
Next sequence number: 27513  (relative sequence number)
Acknowledgement number: 1    (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .. = Congestion Window Reduced (CWR): Not set
    .0.. .. = ECN-Echo: Not set
    ..0. .. = Urgent: Not set
    ...1 ... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x2e70 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891188, tsecr 219093296

```

FTP Data

No.	Time	Source	Destination	Protocol	Info
99	4.191837	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=14481 Win=34752 Len=0 TSV=219093298 TSER=636891188					

```

Frame 99 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.032780000
Time delta from previous packet: 0.584370000 seconds
Time since reference or first frame: 4.191837000 seconds
Frame Number: 99
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

```



```

Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
    0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0xce32 (52786)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x359c [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 14481, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 14481 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 34752
Checksum: 0x6b54 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093298, tsecr 636891188
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
100	4.191925	192.168.1.106	128.153.5.66	FTP-DATA FTP
Data: 1448 bytes				

```
Frame 100 (1514 bytes on wire, 1514 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:15.032868000
  Time delta from previous packet: 0.584458000 seconds
  Time since reference or first frame: 4.191925000 seconds
  Frame Number: 100
  Packet Length: 1514 bytes
  Capture Length: 1514 bytes
  Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
  Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 1500
  Identification: 0x8c4f (35919)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x60df [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 27513, Ack: 1, Len: 1448
  Source port: 52074 (52074)
  Destination port: 33325 (33325)
  Sequence number: 27513      (relative sequence number)
  Next sequence number: 28961  (relative sequence number)
  Acknowledgement number: 1   (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
```

.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x2665 [correct]
Options: (12 bytes)
 NOP
 NOP
Time stamp: tsva1 636891188, tsecr 219093298

FTP Data

No.	Time	Source	Destination	Protocol Info
101	4.191963	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 101 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.032906000
Time delta from previous packet: 0.584496000 seconds
Time since reference or first frame: 4.191963000 seconds
Frame Number: 101
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 1500
 Identification: 0x8c50 (35920)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 64
 Protocol: TCP (0x06)
 Header checksum: 0x60de [correct]
 Source: 192.168.1.106 (192.168.1.106)
 Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 28961, Ack: 1, Len: 1448

Source port: 52074 (52074)

Destination port: 33325 (33325)

Sequence number: 28961 (relative sequence number)

Next sequence number: 30409 (relative sequence number)

Acknowledgement number: 1 (relative ack number)

Header length: 32 bytes

Flags: 0x0010 (ACK)

0... = Congestion Window Reduced (CWR): Not set

.0.. = ECN-Echo: Not set

..0. = Urgent: Not set

...1 = Acknowledgment: Set

.... 0... = Push: Not set

.... .0.. = Reset: Not set

.... ..0. = Syn: Not set

.... ...0 = Fin: Not set

Window size: 65535

Checksum: 0x12a0 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891188, tsecr 219093298

FTP Data

No.	Time	Source	Destination	Protocol	Info
102	4.213241	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=15929 Win=37648 Len=0 TSV=219093300 TSER=636891188					

Frame 102 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.054184000

Time delta from previous packet: 0.605774000 seconds

Time since reference or first frame: 4.213241000 seconds

Frame Number: 102

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

```

    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0xce33 (52787)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x359b [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 15929, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 15929 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 37648
Checksum: 0x5a5a [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsva 219093300, tsecr 636891188
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
103	4.213335	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

```

Frame 103 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.054278000
Time delta from previous packet: 0.605868000 seconds
Time since reference or first frame: 4.213335000 seconds
Frame Number: 103
Packet Length: 1514 bytes

```

Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c51 (35921)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60dd [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 30409, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 30409 (relative sequence number)
Next sequence number: 31857 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x12c0 [correct]
Options: (12 bytes)
NOP

NOP

Time stamp: tsval 636891188, tsecr 219093300

FTP Data

No.	Time	Source	Destination	Protocol Info
104	4.213378	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 104 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.054321000

Time delta from previous packet: 0.605911000 seconds

Time since reference or first frame: 4.213378000 seconds

Frame Number: 104

Packet Length: 1514 bytes

Capture Length: 1514 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 1500

Identification: 0x8c52 (35922)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x60dc [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 31857, Ack: 1, Len: 1448

Source port: 52074 (52074)

Destination port: 33325 (33325)

Sequence number: 31857 (relative sequence number)

Next sequence number: 33305 (relative sequence number)

Acknowledgement number: 1 (relative ack number)

Header length: 32 bytes
Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. .. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0xe582 [correct]
Options: (12 bytes)

NOP
NOP
Time stamp: tsva 636891188, tsecr 219093300

FTP Data

No.	Time	Source	Destination	Protocol	Info
105	4.240984	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=17377 Win=40544 Len=0 TSV=219093303 TSER=636891188					

Frame 105 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.081927000
Time delta from previous packet: 0.633517000 seconds
Time since reference or first frame: 4.240984000 seconds
Frame Number: 105
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0xce34 (52788)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set


```

    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x359a [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 17377, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1      (relative sequence number)
Acknowledgement number: 17377      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 40544
Checksum: 0x495f [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093303, tsecr 636891188
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
106	4.241049	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

```

Frame 106 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.081992000
Time delta from previous packet: 0.633582000 seconds
Time since reference or first frame: 4.241049000 seconds
Frame Number: 106
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

```

```

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 1500
  Identification: 0x8c53 (35923)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x60db [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 33305, Ack: 1, Len: 1448
  Source port: 52074 (52074)
  Destination port: 33325 (33325)
  Sequence number: 33305      (relative sequence number)
  Next sequence number: 34753  (relative sequence number)
  Acknowledgement number: 1   (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
  Window size: 65535
  Checksum: 0x7884 [correct]
  Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891188, tsecr 219093303
FTP Data

No.      Time           Source           Destination      Protocol Info
  107  4.241076      192.168.1.106   128.153.5.66    FTP-DATA  FTP
Data: 1448 bytes

```

Frame 107 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.082019000
Time delta from previous packet: 0.633609000 seconds
Time since reference or first frame: 4.241076000 seconds
Frame Number: 107
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c54 (35924)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60da [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 34753, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 34753 (relative sequence number)
Next sequence number: 36201 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set

.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x2094 [correct]
Options: (12 bytes)
 NOP
 NOP
Time stamp: tsva1 636891188, tsecr 219093303

FTP Data

No.	Time	Source	Destination	Protocol	Info
108	4.259034	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=18825 Win=43440 Len=0 TSV=219093305 TSER=636891188					

Frame 108 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.099977000
Time delta from previous packet: 0.651567000 seconds
Time since reference or first frame: 4.259034000 seconds
Frame Number: 108
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
 0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 52
 Identification: 0xce35 (52789)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 47
 Protocol: TCP (0x06)
 Header checksum: 0x3599 [correct]
 Source: 128.153.5.66 (128.153.5.66)
 Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074), Seq: 1, Ack: 18825, Len: 0

Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 18825 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. .. = ECN-Echo: Not set
..0. .. = Urgent: Not set
...1 .. = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 43440
Checksum: 0x3865 [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsval 219093305, tsecr 636891188
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
109	4.259097	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 109 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.100040000
Time delta from previous packet: 0.651630000 seconds
Time since reference or first frame: 4.259097000 seconds
Frame Number: 109
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0

```

    .... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c55 (35925)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60d9 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 36201, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 36201      (relative sequence number)
Next sequence number: 37649  (relative sequence number)
Acknowledgement number: 1    (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x37db [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891188, tsecr 219093305

```

FTP Data

No.	Time	Source	Destination	Protocol Info
110	4.259124	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

```

Frame 110 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.100067000
Time delta from previous packet: 0.651657000 seconds
Time since reference or first frame: 4.259124000 seconds
Frame Number: 110
Packet Length: 1514 bytes

```

Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c56 (35926)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60d8 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 37649, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 37649 (relative sequence number)
Next sequence number: 39097 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x51a8 [correct]
Options: (12 bytes)
NOP

NOP

Time stamp: tsval 636891188, tsecr 219093305

FTP Data

No.	Time	Source	Destination	Protocol	Info
111	4.281009	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=20273 Win=46336 Len=0 TSV=219093307 TSER=636891188					

Frame 111 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.121952000

Time delta from previous packet: 0.673542000 seconds

Time since reference or first frame: 4.281009000 seconds

Frame Number: 111

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0xce36 (52790)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x3598 [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074), Seq: 1, Ack: 20273, Len: 0

Source port: 33325 (33325)

Destination port: 52074 (52074)

Sequence number: 1 (relative sequence number)

Acknowledgement number: 20273 (relative ack number)

Header length: 32 bytes

Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 46336

Checksum: 0x276b [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093307, tsecr 636891188

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
112	4.281103	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 112 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.122046000

Time delta from previous packet: 0.673636000 seconds

Time since reference or first frame: 4.281103000 seconds

Frame Number: 112

Packet Length: 1514 bytes

Capture Length: 1514 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 1500

Identification: 0x8c57 (35927)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60d7 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 39097, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 39097 (relative sequence number)
Next sequence number: 40545 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x45e1 [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsval 636891188, tsecr 219093307

FTP Data

No.	Time	Source	Destination	Protocol Info
113	4.281145	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 113 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.122088000
Time delta from previous packet: 0.673678000 seconds
Time since reference or first frame: 4.281145000 seconds
Frame Number: 113
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 1500

Identification: 0x8c58 (35928)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x60d6 [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 40545, Ack: 1, Len: 1448

Source port: 52074 (52074)

Destination port: 33325 (33325)

Sequence number: 40545 (relative sequence number)

Next sequence number: 41993 (relative sequence number)

Acknowledgement number: 1 (relative ack number)

Header length: 32 bytes

Flags: 0x0010 (ACK)

0... = Congestion Window Reduced (CWR): Not set

.0.. = ECN-Echo: Not set

..0. = Urgent: Not set

...1 = Acknowledgment: Set

.... 0... = Push: Not set

.... .0.. = Reset: Not set

.... ..0. = Syn: Not set

.... ...0 = Fin: Not set

Window size: 65535

Checksum: 0x7f46 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891188, tsecr 219093307

FTP Data

No.	Time	Source	Destination	Protocol	Info
114	4.313141	128.153.5.66	192.168.1.106	TCP	33325 >
52074	[ACK]	Seq=1 Ack=21721 Win=49232 Len=0 TSV=219093310 TSER=636891188			

```
Frame 114 (66 bytes on wire, 66 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:15.154084000
  Time delta from previous packet: 0.705674000 seconds
  Time since reference or first frame: 4.313141000 seconds
  Frame Number: 114
  Packet Length: 66 bytes
  Capture Length: 66 bytes
  Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
  Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
    0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 52
  Identification: 0xce37 (52791)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 47
  Protocol: TCP (0x06)
  Header checksum: 0x3597 [correct]
  Source: 128.153.5.66 (128.153.5.66)
  Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 21721, Len: 0
  Source port: 33325 (33325)
  Destination port: 52074 (52074)
  Sequence number: 1 (relative sequence number)
  Acknowledgement number: 21721 (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
```

.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 49232
Checksum: 0x1670 [correct]
Options: (12 bytes)
 NOP
 NOP
Time stamp: tsval 219093310, tsecr 636891188
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
115	4.313234	192.168.1.106	128.153.5.66	FTP-DATA	FTP

Data: 1448 bytes

Frame 115 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.154177000
Time delta from previous packet: 0.705767000 seconds
Time since reference or first frame: 4.313234000 seconds
Frame Number: 115
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 1500
 Identification: 0x8c59 (35929)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 64
 Protocol: TCP (0x06)
 Header checksum: 0x60d5 [correct]
 Source: 192.168.1.106 (192.168.1.106)
 Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 41993, Ack: 1, Len: 1448

Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 41993 (relative sequence number)
Next sequence number: 43441 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)

0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0x30d2 [correct]
Options: (12 bytes)

NOP
NOP
Time stamp: tsval 636891189, tsecr 219093310

FTP Data

No.	Time	Source	Destination	Protocol Info
116	4.313273	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 116 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.154216000
Time delta from previous packet: 0.705806000 seconds
Time since reference or first frame: 4.313273000 seconds
Frame Number: 116
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)

```

    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c5a (35930)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60d4 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 43441, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 43441      (relative sequence number)
Next sequence number: 44889  (relative sequence number)
Acknowledgement number: 1    (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ....1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x21a4 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891189, tsecr 219093310

```

FTP Data

No.	Time	Source	Destination	Protocol	Info
117	4.348795	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=23169 Win=52128 Len=0 TSV=219093314 TSER=636891188					

```

Frame 117 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.189738000
Time delta from previous packet: 0.741328000 seconds
Time since reference or first frame: 4.348795000 seconds
Frame Number: 117

```

Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
 0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 52
Identification: 0xce38 (52792)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x3596 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074), Seq: 1, Ack: 23169, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 23169 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
Window size: 52128
Checksum: 0x0574 [correct]
Options: (12 bytes)
 NOP

NOP

Time stamp: tsval 219093314, tsecr 636891188

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
118	4.348869	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 118 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.189812000

Time delta from previous packet: 0.741402000 seconds

Time since reference or first frame: 4.348869000 seconds

Frame Number: 118

Packet Length: 1514 bytes

Capture Length: 1514 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 1500

Identification: 0x8c5b (35931)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x60d3 [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 44889, Ack: 1, Len: 1448

Source port: 52074 (52074)

Destination port: 33325 (33325)

Sequence number: 44889 (relative sequence number)

Next sequence number: 46337 (relative sequence number)

Acknowledgement number: 1 (relative ack number)

Header length: 32 bytes
Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535

Checksum: 0x1b96 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891189, tsecr 219093314

FTP Data

No.	Time	Source	Destination	Protocol Info
119	4.348902	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 119 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.189845000

Time delta from previous packet: 0.741435000 seconds

Time since reference or first frame: 4.348902000 seconds

Frame Number: 119

Packet Length: 1514 bytes

Capture Length: 1514 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 1500

Identification: 0x8c5c (35932)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60d2 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 46337, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 46337 (relative sequence number)
Next sequence number: 47785 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. .. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0xd633 [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsval 636891189, tsecr 219093314

FTP Data

No.	Time	Source	Destination	Protocol	Info
120	4.365906	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=24617 Win=55024 Len=0 TSV=219093316 TSER=636891188					

Frame 120 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.206849000
Time delta from previous packet: 0.758439000 seconds
Time since reference or first frame: 4.365906000 seconds
Frame Number: 120
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

```

Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
    0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0xce39 (52793)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x3595 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 24617, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1      (relative sequence number)
Acknowledgement number: 24617      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 55024
Checksum: 0xf479 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093316, tsecr 636891188
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
	121 4.366000	192.168.1.106	128.153.5.66	FTP-DATA FTP
Data: 1448 bytes				

```
Frame 121 (1514 bytes on wire, 1514 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:15.206943000
  Time delta from previous packet: 0.758533000 seconds
  Time since reference or first frame: 4.366000000 seconds
  Frame Number: 121
  Packet Length: 1514 bytes
  Capture Length: 1514 bytes
  Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
  Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 1500
  Identification: 0x8c5d (35933)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x60d1 [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 47785, Ack: 1, Len: 1448
  Source port: 52074 (52074)
  Destination port: 33325 (33325)
  Sequence number: 47785 (relative sequence number)
  Next sequence number: 49233 (relative sequence number)
  Acknowledgement number: 1 (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
```

.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x0405 [correct]
Options: (12 bytes)
 NOP
 NOP
Time stamp: tsva1 636891189, tsecr 219093316

FTP Data

No.	Time	Source	Destination	Protocol Info
	122 4.366039	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 122 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.206982000
Time delta from previous packet: 0.758572000 seconds
Time since reference or first frame: 4.366039000 seconds
Frame Number: 122
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 1500
 Identification: 0x8c5e (35934)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 64
 Protocol: TCP (0x06)
 Header checksum: 0x60d0 [correct]
 Source: 192.168.1.106 (192.168.1.106)
 Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 49233, Ack: 1, Len: 1448

Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 49233 (relative sequence number)
Next sequence number: 50681 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)

0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0xdccd [correct]
Options: (12 bytes)

NOP
NOP
Time stamp: tsval 636891189, tsecr 219093316

FTP Data

No.	Time	Source	Destination	Protocol	Info
123	4.388347	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=26065 Win=57920 Len=0 TSV=219093318 TSER=636891188					

Frame 123 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.229290000
Time delta from previous packet: 0.780880000 seconds
Time since reference or first frame: 4.388347000 seconds

Frame Number: 123
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

```

    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0xce3a (52794)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x3594 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 26065, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 26065 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 57920
Checksum: 0xe37f [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093318, tsecr 636891188
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
124	4.388439	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

```

Frame 124 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.229382000
Time delta from previous packet: 0.780972000 seconds
Time since reference or first frame: 4.388439000 seconds
Frame Number: 124
Packet Length: 1514 bytes

```


Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c5f (35935)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60cf [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 50681, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 50681 (relative sequence number)
Next sequence number: 52129 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0xe0d4 [correct]
Options: (12 bytes)
NOP

NOP

Time stamp: tsval 636891189, tsecr 219093318

FTP Data

No.	Time	Source	Destination	Protocol Info
125	4.388480	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 125 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.229423000

Time delta from previous packet: 0.781013000 seconds

Time since reference or first frame: 4.388480000 seconds

Frame Number: 125

Packet Length: 1514 bytes

Capture Length: 1514 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 1500

Identification: 0x8c60 (35936)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x60ce [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 52129, Ack: 1, Len: 1448

Source port: 52074 (52074)

Destination port: 33325 (33325)

Sequence number: 52129 (relative sequence number)

Next sequence number: 53577 (relative sequence number)

Acknowledgement number: 1 (relative ack number)

Header length: 32 bytes
Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0x63d7 [correct]
Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891189, tsecr 219093318

FTP Data

No.	Time	Source	Destination	Protocol	Info
126	4.406283	128.153.5.66	192.168.1.106	TCP	33325 >
52074	[ACK]	Seq=1 Ack=27513 Win=60816 Len=0 TSV=219093320 TSER=636891188			

Frame 126 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.247226000

Time delta from previous packet: 0.798816000 seconds

Time since reference or first frame: 4.406283000 seconds

Frame Number: 126

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0xce3b (52795)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

```

    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x3593 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 27513, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1      (relative sequence number)
Acknowledgement number: 27513      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 60816
Checksum: 0xd285 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093320, tsecr 636891188
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
127	4.406374	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

```

Frame 127 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.247317000
Time delta from previous packet: 0.798907000 seconds
Time since reference or first frame: 4.406374000 seconds
Frame Number: 127
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

```

```

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 1500
  Identification: 0x8c61 (35937)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x60cd [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 53577, Ack: 1, Len: 1448
  Source port: 52074 (52074)
  Destination port: 33325 (33325)
  Sequence number: 53577      (relative sequence number)
  Next sequence number: 55025  (relative sequence number)
  Acknowledgement number: 1   (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
  Window size: 65535
  Checksum: 0x5d7d [correct]
  Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891189, tsecr 219093320
FTP Data

No.      Time          Source          Destination     Protocol Info
   128  4.406414      192.168.1.106  128.153.5.66   FTP-DATA FTP
Data: 1448 bytes

```

Frame 128 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.247357000
Time delta from previous packet: 0.798947000 seconds
Time since reference or first frame: 4.406414000 seconds
Frame Number: 128
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c62 (35938)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60cc [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 55025, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 55025 (relative sequence number)
Next sequence number: 56473 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set

.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0xfe0f [correct]
Options: (12 bytes)
 NOP
 NOP
Time stamp: tsva1 636891189, tsecr 219093320

FTP Data

No.	Time	Source	Destination	Protocol	Info
129	4.430746	128.153.5.66	192.168.1.106	TCP	33325 >
52074	[ACK]	Seq=1 Ack=28961 Win=63712 Len=0 TSV=219093322 TSER=636891188			

Frame 129 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.271689000
Time delta from previous packet: 0.823279000 seconds
Time since reference or first frame: 4.430746000 seconds
Frame Number: 129
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
 0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 52
 Identification: 0xce3c (52796)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 47
 Protocol: TCP (0x06)
 Header checksum: 0x3592 [correct]
 Source: 128.153.5.66 (128.153.5.66)
 Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074), Seq: 1, Ack: 28961, Len: 0

Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 28961 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. .. = ECN-Echo: Not set
..0. .. = Urgent: Not set
...1 .. = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 63712
Checksum: 0xc18b [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsval 219093322, tsecr 636891188
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
130	4.430849	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 130 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.271792000
Time delta from previous packet: 0.823382000 seconds
Time since reference or first frame: 4.430849000 seconds
Frame Number: 130
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0


```

    .... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c63 (35939)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60cb [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 56473, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 56473      (relative sequence number)
Next sequence number: 57921  (relative sequence number)
Acknowledgement number: 1    (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x77d0 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891189, tsecr 219093322

```

FTP Data

No.	Time	Source	Destination	Protocol Info
131	4.430882	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

```

Frame 131 (1514 bytes on wire, 1514 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.271825000
Time delta from previous packet: 0.823415000 seconds
Time since reference or first frame: 4.430882000 seconds
Frame Number: 131
Packet Length: 1514 bytes

```

Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c64 (35940)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60ca [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 57921, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 57921 (relative sequence number)
Next sequence number: 59369 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
Window size: 65535
Checksum: 0x4115 [correct]
Options: (12 bytes)
 NOP

NOP

Time stamp: tsval 636891189, tsecr 219093322

FTP Data

No.	Time	Source	Destination	Protocol	Info
132	4.453823	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=30409 Win=63712 Len=0 TSV=219093325 TSER=636891188					

Frame 132 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.294766000

Time delta from previous packet: 0.846356000 seconds

Time since reference or first frame: 4.453823000 seconds

Frame Number: 132

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0xce3d (52797)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x3591 [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074), Seq: 1, Ack: 30409, Len: 0

Source port: 33325 (33325)

Destination port: 52074 (52074)

Sequence number: 1 (relative sequence number)

Acknowledgement number: 30409 (relative ack number)

Header length: 32 bytes

Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 63712

Checksum: 0xbbe0 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093325, tsecr 636891188

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
133	4.453901	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 133 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.294844000

Time delta from previous packet: 0.846434000 seconds

Time since reference or first frame: 4.453901000 seconds

Frame Number: 133

Packet Length: 1514 bytes

Capture Length: 1514 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 1500

Identification: 0x8c65 (35941)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60c9 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 59369, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 59369 (relative sequence number)
Next sequence number: 60817 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0xf5f2 [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsval 636891189, tsecr 219093325

FTP Data

No.	Time	Source	Destination	Protocol Info
134	4.453934	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 134 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.294877000
Time delta from previous packet: 0.846467000 seconds
Time since reference or first frame: 4.453934000 seconds
Frame Number: 134
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 1500

Identification: 0x8c66 (35942)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x60c8 [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 60817, Ack: 1, Len: 1448

Source port: 52074 (52074)

Destination port: 33325 (33325)

Sequence number: 60817 (relative sequence number)

Next sequence number: 62265 (relative sequence number)

Acknowledgement number: 1 (relative ack number)

Header length: 32 bytes

Flags: 0x0010 (ACK)

0... = Congestion Window Reduced (CWR): Not set

.0.. = ECN-Echo: Not set

..0. = Urgent: Not set

...1 = Acknowledgment: Set

.... 0... = Push: Not set

.... .0.. = Reset: Not set

.... ..0. = Syn: Not set

.... ...0 = Fin: Not set

Window size: 65535

Checksum: 0xda19 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891189, tsecr 219093325

FTP Data

No.	Time	Source	Destination	Protocol	Info
135	4.475346	128.153.5.66	192.168.1.106	TCP	33325 >
52074	[ACK]	Seq=1 Ack=31857 Win=63712 Len=0 TSV=219093327 TSER=636891188			

Frame 135 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.316289000
Time delta from previous packet: 0.867879000 seconds
Time since reference or first frame: 4.475346000 seconds
Frame Number: 135
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
 0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 52
Identification: 0xce3e (52798)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x3590 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 31857, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 31857 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set

.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 63712
Checksum: 0xb636 [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 219093327, tsecr 636891188
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
136	4.475437	192.168.1.106	128.153.5.66	FTP-DATA	FTP

Data: 1448 bytes

Frame 136 (1514 bytes on wire, 1514 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:15.316380000
 Time delta from previous packet: 0.867970000 seconds
 Time since reference or first frame: 4.475437000 seconds
 Frame Number: 136
 Packet Length: 1514 bytes
 Capture Length: 1514 bytes
 Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 1500
 Identification: 0x8c67 (35943)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 64
 Protocol: TCP (0x06)
 Header checksum: 0x60c7 [correct]
 Source: 192.168.1.106 (192.168.1.106)
 Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 62265, Ack: 1, Len: 1448

Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 62265 (relative sequence number)
Next sequence number: 63713 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)

0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0x4085 [correct]
Options: (12 bytes)

NOP
NOP
Time stamp: tsval 636891189, tsecr 219093327

FTP Data

No.	Time	Source	Destination	Protocol Info
137	4.475476	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1448 bytes

Frame 137 (1514 bytes on wire, 1514 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.316419000
Time delta from previous packet: 0.868009000 seconds
Time since reference or first frame: 4.475476000 seconds

Frame Number: 137
Packet Length: 1514 bytes
Capture Length: 1514 bytes
Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)

```

    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 1500
Identification: 0x8c68 (35944)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x60c6 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 63713, Ack: 1, Len: 1448
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 63713      (relative sequence number)
Next sequence number: 65161  (relative sequence number)
Acknowledgement number: 1    (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ....1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0xec01 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891189, tsecr 219093327

```

FTP Data

No.	Time	Source	Destination	Protocol	Info
138	4.501290	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=33305 Win=63712 Len=0 TSV=219093329 TSER=636891188					

```

Frame 138 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.342233000
Time delta from previous packet: 0.893823000 seconds
Time since reference or first frame: 4.501290000 seconds
Frame Number: 138

```

Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
 0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 52
Identification: 0xce3f (52799)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x358f [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 33305, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 33305 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
Window size: 63712
Checksum: 0xb08c [correct]
Options: (12 bytes)
 NOP

NOP

Time stamp: tsval 219093329, tsecr 636891188

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
139	4.501392	192.168.1.106	128.153.5.66	FTP-DATA FTP

Data: 1213 bytes

Frame 139 (1279 bytes on wire, 1279 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.342335000

Time delta from previous packet: 0.893925000 seconds

Time since reference or first frame: 4.501392000 seconds

Frame Number: 139

Packet Length: 1279 bytes

Capture Length: 1279 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 1265

Identification: 0x8c69 (35945)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x61b0 [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325), Seq: 65161, Ack: 1, Len: 1213

Source port: 52074 (52074)

Destination port: 33325 (33325)

Sequence number: 65161 (relative sequence number)

Next sequence number: 66374 (relative sequence number)

Acknowledgement number: 1 (relative ack number)

Header length: 32 bytes
Flags: 0x0019 (FIN, PSH, ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...1 = Fin: Set

Window size: 65535
Checksum: 0xadfc [correct]
Options: (12 bytes)

NOP
NOP
Time stamp: tsval 636891189, tsecr 219093329

FTP Data

No.	Time	Source	Destination	Protocol	Info
140	4.541963	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=36201 Win=63712 Len=0 TSV=219093333 TSER=636891188					

Frame 140 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.382906000
Time delta from previous packet: 0.934496000 seconds
Time since reference or first frame: 4.541963000 seconds
Frame Number: 140
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0

Total Length: 52
Identification: 0xce40 (52800)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set

```

    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x358e [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 36201, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 36201 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 63712
Checksum: 0xa538 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093333, tsecr 636891188
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
141	4.623675	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=37649 Win=63712 Len=0 TSV=219093341 TSER=636891188					

```

Frame 141 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.464618000
Time delta from previous packet: 1.016208000 seconds
Time since reference or first frame: 4.623675000 seconds
Frame Number: 141
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)

```

```

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
    0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 52
  Identification: 0xce41 (52801)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 47
  Protocol: TCP (0x06)
  Header checksum: 0x358d [correct]
  Source: 128.153.5.66 (128.153.5.66)
  Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 37649, Len: 0
  Source port: 33325 (33325)
  Destination port: 52074 (52074)
  Sequence number: 1 (relative sequence number)
  Acknowledgement number: 37649 (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
  Window size: 63712
  Checksum: 0x9f88 [correct]
  Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093341, tsecr 636891188
  SEQ/ACK analysis

No.      Time          Source          Destination          Protocol  Info
  142  4.647475     128.153.5.66    192.168.1.106      TCP      33325 >
52074 [ACK] Seq=1 Ack=40545 Win=63712 Len=0 TSV=219093344 TSER=636891188

```

Frame 142 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.488418000
Time delta from previous packet: 1.040008000 seconds
Time since reference or first frame: 4.647475000 seconds
Frame Number: 142
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
 0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 52
Identification: 0xce42 (52802)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x358c [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 40545, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 40545 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set

.... ...0 = Fin: Not set
Window size: 63712
Checksum: 0x9435 [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 219093344, tsecr 636891188
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
143	4.663499	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=43441 Win=63712 Len=0 TSV=219093345 TSER=636891188					

Frame 143 (66 bytes on wire, 66 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:15.504442000
 Time delta from previous packet: 1.056032000 seconds
 Time since reference or first frame: 4.663499000 seconds
 Frame Number: 143
 Packet Length: 66 bytes
 Capture Length: 66 bytes
 Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
 0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 52
 Identification: 0xce43 (52803)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 47
 Protocol: TCP (0x06)
 Header checksum: 0x358b [correct]
 Source: 128.153.5.66 (128.153.5.66)
 Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074), Seq: 1, Ack: 43441, Len: 0

Source port: 33325 (33325)
 Destination port: 52074 (52074)
 Sequence number: 1 (relative sequence number)
 Acknowledgement number: 43441 (relative ack number)
 Header length: 32 bytes
 Flags: 0x0010 (ACK)
 0... .. = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
 Window size: 63712
 Checksum: 0x88e4 [correct]
 Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 219093345, tsecr 636891188
 SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
144	4.705732	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=46337 Win=63712 Len=0 TSV=219093349 TSER=636891189					

Frame 144 (66 bytes on wire, 66 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:15.546675000
 Time delta from previous packet: 1.098265000 seconds
 Time since reference or first frame: 4.705732000 seconds
 Frame Number: 144
 Packet Length: 66 bytes
 Capture Length: 66 bytes
 Protocols in frame: eth:ip:tcp
 Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)
 Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
 0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 52

```

Identification: 0xce44 (52804)
Flags: 0x04 (Don't Fragment)
  0... = Reserved bit: Not set
  .1.. = Don't fragment: Set
  ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x358a [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 46337, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 46337 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
  0... .... = Congestion Window Reduced (CWR): Not set
  .0.. .... = ECN-Echo: Not set
  ..0. .... = Urgent: Not set
  ...1 .... = Acknowledgment: Set
  .... 0... = Push: Not set
  .... .0.. = Reset: Not set
  .... ..0. = Syn: Not set
  .... ...0 = Fin: Not set
Window size: 63712
Checksum: 0x7d8f [correct]
Options: (12 bytes)
  NOP
  NOP
  Time stamp: tsval 219093349, tsecr 636891189
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
145	4.766923	128.153.5.66	192.168.1.106	TCP	33325 >
52074	[ACK]	Seq=1 Ack=49233 Win=63712 Len=0 TSV=219093355 TSER=636891189			

```

Frame 145 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.607866000
Time delta from previous packet: 1.159456000 seconds
Time since reference or first frame: 4.766923000 seconds
Frame Number: 145
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp

```

```
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
  Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
    0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 52
  Identification: 0xce45 (52805)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 47
  Protocol: TCP (0x06)
  Header checksum: 0x3589 [correct]
  Source: 128.153.5.66 (128.153.5.66)
  Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 49233, Len: 0
  Source port: 33325 (33325)
  Destination port: 52074 (52074)
  Sequence number: 1 (relative sequence number)
  Acknowledgement number: 49233 (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
  Window size: 63712
  Checksum: 0x7239 [correct]
  Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093355, tsecr 636891189
  SEQ/ACK analysis
```

No.	Time	Source	Destination	Protocol	Info
146	4.804856	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=52129 Win=63712 Len=0 TSV=219093359 TSER=636891189					

Frame 146 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.645799000

Time delta from previous packet: 1.197389000 seconds

Time since reference or first frame: 4.804856000 seconds

Frame Number: 146

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0xce46 (52806)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x3588 [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074), Seq: 1, Ack: 52129, Len: 0

Source port: 33325 (33325)

Destination port: 52074 (52074)

Sequence number: 1 (relative sequence number)

Acknowledgement number: 52129 (relative ack number)

Header length: 32 bytes

Flags: 0x0010 (ACK)

0... = Congestion Window Reduced (CWR): Not set

.0.. = ECN-Echo: Not set

..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 63712

Checksum: 0x66e5 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093359, tsecr 636891189

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
147	4.851618	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=55025 Win=63712 Len=0 TSV=219093364 TSER=636891189					

Frame 147 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.692561000

Time delta from previous packet: 1.244151000 seconds

Time since reference or first frame: 4.851618000 seconds

Frame Number: 147

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0xce47 (52807)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

```

Header checksum: 0x3587 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 55025, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 55025 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
  0... .... = Congestion Window Reduced (CWR): Not set
  .0.. .... = ECN-Echo: Not set
  ..0. .... = Urgent: Not set
  ...1 .... = Acknowledgment: Set
  .... 0... = Push: Not set
  .... .0.. = Reset: Not set
  .... ..0. = Syn: Not set
  .... ...0 = Fin: Not set
Window size: 63712
Checksum: 0x5b90 [correct]
Options: (12 bytes)
  NOP
  NOP
  Time stamp: tsval 219093364, tsecr 636891189
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
148	4.895191	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=57921 Win=63712 Len=0 TSV=219093368 TSER=636891189					

```

Frame 148 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.736134000
Time delta from previous packet: 1.287724000 seconds
Time since reference or first frame: 4.895191000 seconds
Frame Number: 148
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
  Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
  Version: 4
  Header length: 20 bytes

```

```

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
  0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
  .... ..0. = ECN-Capable Transport (ECT): 0
  .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0xce48 (52808)
Flags: 0x04 (Don't Fragment)
  0... = Reserved bit: Not set
  .1.. = Don't fragment: Set
  ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x3586 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 57921, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 57921 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
  0... .... = Congestion Window Reduced (CWR): Not set
  .0.. .... = ECN-Echo: Not set
  ..0. .... = Urgent: Not set
  ...1 .... = Acknowledgment: Set
  .... 0... = Push: Not set
  .... .0.. = Reset: Not set
  .... ..0. = Syn: Not set
  .... ...0 = Fin: Not set
Window size: 63712
Checksum: 0x503c [correct]
Options: (12 bytes)
  NOP
  NOP
  Time stamp: tsval 219093368, tsecr 636891189
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
149	4.945781	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=60817 Win=63712 Len=0 TSV=219093373 TSER=636891189					

```

Frame 149 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.786724000
Time delta from previous packet: 1.338314000 seconds
Time since reference or first frame: 4.945781000 seconds

```


Frame Number: 149
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0xce49 (52809)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x3585 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 60817, Len: 0
Source port: 33325 (33325)
Destination port: 52074 (52074)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 60817 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 63712
Checksum: 0x44e7 [correct]
Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093373, tsecr 636891189

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
150	4.997831	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=63713 Win=63712 Len=0 TSV=219093378 TSER=636891189					

Frame 150 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.838774000

Time delta from previous packet: 1.390364000 seconds

Time since reference or first frame: 4.997831000 seconds

Frame Number: 150

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0xce4a (52810)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x3584 [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074), Seq: 1, Ack: 63713, Len: 0

Source port: 33325 (33325)

Destination port: 52074 (52074)

Sequence number: 1 (relative sequence number)

Acknowledgement number: 63713 (relative ack number)

Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... .. = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
Window size: 63712
Checksum: 0x3992 [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 219093378, tsecr 636891189
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
151	5.065384	128.153.5.66	192.168.1.106	FTP

Response: 226 File receive OK.

Frame 151 (88 bytes on wire, 88 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:15.906327000
 Time delta from previous packet: 1.457917000 seconds
 Time since reference or first frame: 5.065384000 seconds
 Frame Number: 151
 Packet Length: 88 bytes
 Capture Length: 88 bytes
 Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 74
Identification: 0x8d5f (36191)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set

```

    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x7661 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq:
447, Ack: 228, Len: 22
Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 447      (relative sequence number)
Next sequence number: 469  (relative sequence number)
Acknowledgement number: 228  (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
    0... .. = Congestion Window Reduced (CWR): Not set
    .0.. .. = ECN-Echo: Not set
    ..0. .. = Urgent: Not set
    ...1 ... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x6278 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093382, tsecr 636891187
File Transfer Protocol (FTP)
226 File receive OK.\r\n
Response code: Closing data connection (226)
Response arg: File receive OK.

```

No.	Time	Source	Destination	Protocol	Info
152	5.065475	192.168.1.106	128.153.5.66	TCP	52072 >
ftp [ACK] Seq=228 Ack=469 Win=65535 Len=0 TSV=636891190 TSER=219093382					

```

Frame 152 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.906418000
Time delta from previous packet: 0.000091000 seconds
Time since reference or first frame: 5.065475000 seconds
Frame Number: 152
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp

```

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0

Total Length: 52
Identification: 0x8c6a (35946)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set

Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x666c [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 228, Ack: 469, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 228 (relative sequence number)
Acknowledgement number: 469 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set

Window size: 65535
Checksum: 0x6e6a [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 636891190, tsecr 219093382
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
153	5.066519	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [ACK] Seq=1 Ack=66375 Win=63712 Len=0 TSV=219093382 TSER=636891189					

Frame 153 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.907462000

Time delta from previous packet: 0.001135000 seconds

Time since reference or first frame: 5.066519000 seconds

Frame Number: 153

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0xce4b (52811)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x3583 [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074), Seq: 1, Ack: 66375, Len: 0

Source port: 33325 (33325)

Destination port: 52074 (52074)

Sequence number: 1 (relative sequence number)

Acknowledgement number: 66375 (relative ack number)

Header length: 32 bytes

Flags: 0x0010 (ACK)

0... = Congestion Window Reduced (CWR): Not set

.0.. = ECN-Echo: Not set

..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 63712

Checksum: 0x2f28 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093382, tsecr 636891189

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
154	5.066607	192.168.1.106	128.153.5.66	FTP	

Request: SITE CHMOD 644 /afs/clarkson.edu/users/w/e/wernerjs/Audio.mov

Frame 154 (129 bytes on wire, 129 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.907550000

Time delta from previous packet: 0.001223000 seconds

Time since reference or first frame: 5.066607000 seconds

Frame Number: 154

Packet Length: 129 bytes

Capture Length: 129 bytes

Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 115

Identification: 0x8c6b (35947)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x662c [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
228, Ack: 469, Len: 63
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 228 (relative sequence number)
Next sequence number: 291 (relative sequence number)
Acknowledgement number: 469 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. .. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x3358 [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsva 636891190, tsecr 219093382
File Transfer Protocol (FTP)
SITE CHMOD 644 /afs/clarkson.edu/users/w/e/wernerjs/Audio.mov\r\n
Request command: SITE
Request arg: CHMOD 644 /afs/clarkson.edu/users/w/e/wernerjs/Audio.mov

No.	Time	Source	Destination	Protocol	Info
155	5.067933	128.153.5.66	192.168.1.106	TCP	33325 >
52074 [FIN, ACK] Seq=1 Ack=66375 Win=63712 Len=0 TSV=219093382 TSER=636891189					

Frame 155 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:15.908876000
Time delta from previous packet: 0.001326000 seconds
Time since reference or first frame: 5.067933000 seconds
Frame Number: 155
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)


```

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
    0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 52
  Identification: 0xce4c (52812)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 47
  Protocol: TCP (0x06)
  Header checksum: 0x3582 [correct]
  Source: 128.153.5.66 (128.153.5.66)
  Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33325 (33325), Dst Port: 52074 (52074),
Seq: 1, Ack: 66375, Len: 0
  Source port: 33325 (33325)
  Destination port: 52074 (52074)
  Sequence number: 1 (relative sequence number)
  Acknowledgement number: 66375 (relative ack number)
  Header length: 32 bytes
  Flags: 0x0011 (FIN, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    .... 0... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...1 = Fin: Set
  Window size: 63712
  Checksum: 0x2f27 [correct]
  Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093382, tsecr 636891189

```

No.	Time	Source	Destination	Protocol	Info
156	5.067986	192.168.1.106	128.153.5.66	TCP	52074 >
33325 [ACK] Seq=66375 Ack=2 Win=65535 Len=0 TSV=636891190 TSER=219093382					

Frame 156 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:15.908929000
Time delta from previous packet: 0.001379000 seconds
Time since reference or first frame: 5.067986000 seconds
Frame Number: 156
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c6c (35948)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x666a [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52074 (52074), Dst Port: 33325 (33325),
Seq: 66375, Ack: 2, Len: 0
Source port: 52074 (52074)
Destination port: 33325 (33325)
Sequence number: 66375 (relative sequence number)
Acknowledgement number: 2 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535
Checksum: 0x2807 [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 636891190, tsecr 219093382
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
157	5.232152	128.153.5.66	192.168.1.106	FTP

Response: 200 SITE CHMOD command ok.

Frame 157 (94 bytes on wire, 94 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:16.073095000
 Time delta from previous packet: 0.165545000 seconds
 Time since reference or first frame: 5.232152000 seconds
 Frame Number: 157
 Packet Length: 94 bytes
 Capture Length: 94 bytes
 Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 80
 Identification: 0x8d60 (36192)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 47
 Protocol: TCP (0x06)
 Header checksum: 0x765a [correct]
 Source: 128.153.5.66 (128.153.5.66)
 Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq: 469, Ack: 291, Len: 28
 Source port: ftp (21)

Destination port: 52072 (52072)
Sequence number: 469 (relative sequence number)
Next sequence number: 497 (relative sequence number)
Acknowledgement number: 291 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0x915e [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093405, tsecr 636891190

SEQ/ACK analysis

File Transfer Protocol (FTP)

200 SITE CHMOD command ok.\r\n

Response code: Command okay (200)

Response arg: SITE CHMOD command ok.

No.	Time	Source	Destination	Protocol	Info
158	5.232273	192.168.1.106	128.153.5.66	TCP	52072 >
ftp [ACK]		Seq=291 Ack=497 Win=65535 Len=0	TSV=636891190 TSER=219093405		

Frame 158 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:16.073216000

Time delta from previous packet: 0.000121000 seconds

Time since reference or first frame: 5.232273000 seconds

Frame Number: 158

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

```

    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c6d (35949)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6669 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
291, Ack: 497, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 291      (relative sequence number)
Acknowledgement number: 497      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ....1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x6df8 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891190, tsecr 219093405
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
159	5.262602	192.168.1.106	128.153.5.66	FTP

Request: SITE UTIME 20061210180010
/afs/clarkson.edu/users/w/e/wernerjs/Audio.mov

```

Frame 159 (140 bytes on wire, 140 bytes captured)
Arrival Time: Dec 11, 2006 16:21:16.103545000
Time delta from previous packet: 0.030450000 seconds
Time since reference or first frame: 5.262602000 seconds

```

Frame Number: 159
Packet Length: 140 bytes
Capture Length: 140 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 126
Identification: 0x8c6e (35950)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x661e [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 291, Ack: 497, Len: 74
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 291 (relative sequence number)
Next sequence number: 365 (relative sequence number)
Acknowledgement number: 497 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x8555 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891190, tsecr 219093405

File Transfer Protocol (FTP)

SITE UTIME 20061210180010 /afs/clarkson.edu/users/w/e/wernerjs/Audio.mov\r\n

Request command: SITE

Request arg: UTIME 20061210180010

/afs/clarkson.edu/users/w/e/wernerjs/Audio.mov

No.	Time	Source	Destination	Protocol	Info
160	5.403667	128.153.5.66	192.168.1.106	FTP	

Response: 500 Unknown SITE command.

Frame 160 (93 bytes on wire, 93 bytes captured)

Arrival Time: Dec 11, 2006 16:21:16.244610000

Time delta from previous packet: 0.141065000 seconds

Time since reference or first frame: 5.403667000 seconds

Frame Number: 160

Packet Length: 93 bytes

Capture Length: 93 bytes

Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 79

Identification: 0x8d61 (36193)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x765a [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq: 497, Ack: 365, Len: 27

Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 497 (relative sequence number)
Next sequence number: 524 (relative sequence number)
Acknowledgement number: 365 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792
Checksum: 0x07e3 [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsval 219093422, tsecr 636891190

SEQ/ACK analysis

File Transfer Protocol (FTP)
500 Unknown SITE command.\r\n
Response code: Syntax error, command unrecognized (500)
Response arg: Unknown SITE command.

No.	Time	Source	Destination	Protocol	Info
161	5.403767	192.168.1.106	128.153.5.66	TCP	52072 >

ftp [ACK] Seq=365 Ack=524 Win=65535 Len=0 TSV=636891191 TSER=219093422

Frame 161 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:16.244710000
Time delta from previous packet: 0.000100000 seconds
Time since reference or first frame: 5.403767000 seconds
Frame Number: 161
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)


```

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c6f (35951)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6667 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
365, Ack: 524, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 365 (relative sequence number)
Acknowledgement number: 524 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x6d81 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891191, tsecr 219093422
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
162	5.404684	192.168.1.106	128.153.5.66	FTP	

Request: QUIT

Frame 162 (72 bytes on wire, 72 bytes captured)
Arrival Time: Dec 11, 2006 16:21:16.245627000

Time delta from previous packet: 0.001017000 seconds
Time since reference or first frame: 5.404684000 seconds
Frame Number: 162
Packet Length: 72 bytes
Capture Length: 72 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 58
Identification: 0x8c70 (35952)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6660 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 365, Ack: 524, Len: 6
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 365 (relative sequence number)
Next sequence number: 371 (relative sequence number)
Acknowledgement number: 524 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 1... = Push: Set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set

Window size: 65535
Checksum: 0xc5bf [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 636891191, tsecr 219093422

File Transfer Protocol (FTP)
 QUIT\r\n
 Request command: QUIT

No.	Time	Source	Destination	Protocol	Info
163	5.535003	128.153.5.66	192.168.1.106	FTP	

Response: 221 Goodbye.

Frame 163 (80 bytes on wire, 80 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:16.375946000
 Time delta from previous packet: 0.130319000 seconds
 Time since reference or first frame: 5.535003000 seconds
 Frame Number: 163
 Packet Length: 80 bytes
 Capture Length: 80 bytes
 Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 66
 Identification: 0x8d62 (36194)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 47
 Protocol: TCP (0x06)
 Header checksum: 0x7666 [correct]
 Source: 128.153.5.66 (128.153.5.66)
 Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq: 524, Ack: 371, Len: 14

Source port: ftp (21)
Destination port: 52072 (52072)
Sequence number: 524 (relative sequence number)
Next sequence number: 538 (relative sequence number)
Acknowledgement number: 371 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. .. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792
Checksum: 0x67e0 [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsval 219093435, tsecr 636891191

SEQ/ACK analysis

File Transfer Protocol (FTP)

221 Goodbye.\r\n
Response code: Service closing control connection (221)
Response arg: Goodbye.

No.	Time	Source	Destination	Protocol	Info
164	5.535106	192.168.1.106	128.153.5.66	TCP	52072 >

ftp [ACK] Seq=371 Ack=538 Win=65535 Len=0 TSV=636891191 TSER=219093435

Frame 164 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:16.376049000
Time delta from previous packet: 0.000103000 seconds
Time since reference or first frame: 5.535106000 seconds
Frame Number: 164
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

```

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c71 (35953)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6665 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
371, Ack: 538, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 371 (relative sequence number)
Acknowledgement number: 538 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x6d60 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891191, tsecr 219093435
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
165	5.535928	192.168.1.106	128.153.5.66	TCP	52072 >
ftp [FIN, ACK] Seq=371 Ack=538 Win=65535 Len=0 TSV=636891191 TSER=219093435					

```

Frame 165 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:16.376871000

```

Time delta from previous packet: 0.000925000 seconds
Time since reference or first frame: 5.535928000 seconds
Frame Number: 165
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c72 (35954)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6664 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq: 371, Ack: 538, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 371 (relative sequence number)
Acknowledgement number: 538 (relative ack number)
Header length: 32 bytes
Flags: 0x0011 (FIN, ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 1 = Fin: Set
Window size: 65535

Checksum: 0x6d5f [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891191, tsecr 219093435

No.	Time	Source	Destination	Protocol	Info
166	5.537619	128.153.5.66	192.168.1.106	TCP	ftp >
52072 [FIN, ACK] Seq=538 Ack=371 Win=5792 Len=0 TSV=219093436 TSER=636891191					

Frame 166 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:16.378562000

Time delta from previous packet: 0.002616000 seconds

Time since reference or first frame: 5.537619000 seconds

Frame Number: 166

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8d63 (36195)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x7673 [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq: 538, Ack: 371, Len: 0

Source port: ftp (21)

Destination port: 52072 (52072)

Sequence number: 538 (relative sequence number)

Acknowledgement number: 371 (relative ack number)
Header length: 32 bytes
Flags: 0x0011 (FIN, ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...1 = Fin: Set
Window size: 5792
Checksum: 0x56be [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsva 219093436, tsecr 636891191
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
167	5.537680	192.168.1.106	128.153.5.66	TCP	[TCP

Retransmission] 52072 > ftp [FIN, ACK] Seq=371 Ack=539 Win=65535 Len=0
TSV=636891191 TSER=219093436

Frame 167 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:16.378623000
Time delta from previous packet: 0.002677000 seconds
Time since reference or first frame: 5.537680000 seconds
Frame Number: 167
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c73 (35955)
Flags: 0x04 (Don't Fragment)


```

    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6663 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52072 (52072), Dst Port: ftp (21), Seq:
371, Ack: 539, Len: 0
Source port: 52072 (52072)
Destination port: ftp (21)
Sequence number: 371      (relative sequence number)
Acknowledgement number: 539      (relative ack number)
Header length: 32 bytes
Flags: 0x0011 (FIN, ACK)
    0... ..0... = Congestion Window Reduced (CWR): Not set
    .0.. ..0... = ECN-Echo: Not set
    ..0. ..0... = Urgent: Not set
    ...1 ..0... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...1 = Fin: Set
Window size: 65535
Checksum: 0x6d5d [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891191, tsecr 219093436
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
168	5.623846	192.168.1.106	128.153.5.66	FTP

Request: NOOP

```

Frame 168 (72 bytes on wire, 72 bytes captured)
Arrival Time: Dec 11, 2006 16:21:16.464789000
Time delta from previous packet: 0.088843000 seconds
Time since reference or first frame: 5.623846000 seconds
Frame Number: 168
Packet Length: 72 bytes
Capture Length: 72 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

```

```
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 58
Identification: 0x8c74 (35956)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x665c [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52070 (52070), Dst Port: ftp (21), Seq:
0, Ack: 0, Len: 6
Source port: 52070 (52070)
Destination port: ftp (21)
Sequence number: 0      (relative sequence number)
Next sequence number: 6      (relative sequence number)
Acknowledgement number: 0      (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x7899 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsva 636891191, tsecr 219091201
File Transfer Protocol (FTP)
NOOP\r\n
Request command: NOOP
```

No.	Time	Source	Destination	Protocol	Info
169	5.677337	128.153.5.66	192.168.1.106	TCP	ftp >

52072 [ACK] Seq=539 Ack=372 Win=5792 Len=0 TSV=219093450 TSER=636891191

Frame 169 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:16.518280000

Time delta from previous packet: 0.053491000 seconds

Time since reference or first frame: 5.677337000 seconds

Frame Number: 169

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8d64 (36196)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x7672 [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52072 (52072), Seq: 539, Ack: 372, Len: 0

Source port: ftp (21)

Destination port: 52072 (52072)

Sequence number: 539 (relative sequence number)

Acknowledgement number: 372 (relative ack number)

Header length: 32 bytes

Flags: 0x0010 (ACK)

0... = Congestion Window Reduced (CWR): Not set

.0.. = ECN-Echo: Not set

..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0x56af [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093450, tsecr 636891191

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
170	5.757916	128.153.5.66	192.168.1.106	FTP

Response: 200 NOOP ok.

Frame 170 (80 bytes on wire, 80 bytes captured)

Arrival Time: Dec 11, 2006 16:21:16.598859000

Time delta from previous packet: 0.134070000 seconds

Time since reference or first frame: 5.757916000 seconds

Frame Number: 170

Packet Length: 80 bytes

Capture Length: 80 bytes

Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 66

Identification: 0xe843 (59459)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

```

Header checksum: 0x1b85 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52070 (52070), Seq:
0, Ack: 6, Len: 14
Source port: ftp (21)
Destination port: 52070 (52070)
Sequence number: 0 (relative sequence number)
Next sequence number: 14 (relative sequence number)
Acknowledgement number: 6 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
  0... .. = Congestion Window Reduced (CWR): Not set
  .0.. .. = ECN-Echo: Not set
  ..0. .. = Urgent: Not set
  ...1 .. = Acknowledgment: Set
  .... 1... = Push: Set
  .... .0.. = Reset: Not set
  .... ..0. = Syn: Not set
  .... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x6b2d [correct]
Options: (12 bytes)
  NOP
  NOP
  Time stamp: tsva 219093457, tsecr 636891191
  SEQ/ACK analysis
File Transfer Protocol (FTP)
  200 NOOP ok.\r\n
  Response code: Command okay (200)
  Response arg: NOOP ok.

```

No.	Time	Source	Destination	Protocol	Info
171	5.757997	192.168.1.106	128.153.5.66	TCP	52070 >

ftp [ACK] Seq=6 Ack=14 Win=65535 Len=0 TSV=636891191 TSER=219093457

```

Frame 171 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:16.598940000
Time delta from previous packet: 0.000081000 seconds
Time since reference or first frame: 5.757997000 seconds
Frame Number: 171
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

```

```

Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c75 (35957)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6661 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52070 (52070), Dst Port: ftp (21), Seq:
6, Ack: 14, Len: 0
Source port: 52070 (52070)
Destination port: ftp (21)
Sequence number: 6      (relative sequence number)
Acknowledgement number: 14      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x1a6d [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891191, tsecr 219093457
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
172	5.761064	192.168.1.106	128.153.5.66	FTP	

Request: CWD /afs/clarkson.edu/users/w/e/wernerjs

```
Frame 172 (108 bytes on wire, 108 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:16.602007000
  Time delta from previous packet: 0.003148000 seconds
  Time since reference or first frame: 5.761064000 seconds
  Frame Number: 172
  Packet Length: 108 bytes
  Capture Length: 108 bytes
  Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
  Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 94
  Identification: 0x8c76 (35958)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x6636 [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52070 (52070), Dst Port: ftp (21), Seq:
6, Ack: 14, Len: 42
  Source port: 52070 (52070)
  Destination port: ftp (21)
  Sequence number: 6      (relative sequence number)
  Next sequence number: 48  (relative sequence number)
  Acknowledgement number: 14  (relative ack number)
  Header length: 32 bytes
  Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 1... = Push: Set
```

.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x4155 [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 636891191, tsecr 219093457

File Transfer Protocol (FTP)
 CWD /afs/clarkson.edu/users/w/e/wernerjs\r\n
 Request command: CWD
 Request arg: /afs/clarkson.edu/users/w/e/wernerjs

No.	Time	Source	Destination	Protocol	Info
173	5.911605	128.153.5.66	192.168.1.106	FTP	

Response: 250 Directory successfully changed.

Frame 173 (103 bytes on wire, 103 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:16.752548000
 Time delta from previous packet: 0.150541000 seconds
 Time since reference or first frame: 5.911605000 seconds
 Frame Number: 173
 Packet Length: 103 bytes
 Capture Length: 103 bytes
 Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 89
 Identification: 0xe844 (59460)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 47
 Protocol: TCP (0x06)


```

Header checksum: 0x1b6d [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52070 (52070), Seq:
14, Ack: 48, Len: 37
Source port: ftp (21)
Destination port: 52070 (52070)
Sequence number: 14      (relative sequence number)
Next sequence number: 51  (relative sequence number)
Acknowledgement number: 48  (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
  0... .. = Congestion Window Reduced (CWR): Not set
  .0.. .. = ECN-Echo: Not set
  ..0. .. = Urgent: Not set
  ...1 ... = Acknowledgment: Set
  .... 1... = Push: Set
  .... .0.. = Reset: Not set
  .... ..0. = Syn: Not set
  .... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x7805 [correct]
Options: (12 bytes)
  NOP
  NOP
  Time stamp: tsva 219093472, tsecr 636891191
SEQ/ACK analysis
File Transfer Protocol (FTP)
  250 Directory successfully changed.\r\n
  Response code: Requested file action okay, completed (250)
  Response arg: Directory successfully changed.

```

No.	Time	Source	Destination	Protocol	Info
174	5.911679	192.168.1.106	128.153.5.66	TCP	52070 >
ftp [ACK] Seq=48 Ack=51 Win=65535 Len=0 TSV=636891192 TSER=219093472					

```

Frame 174 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:16.752622000
Time delta from previous packet: 0.000074000 seconds
Time since reference or first frame: 5.911679000 seconds
Frame Number: 174
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

```

```

Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c77 (35959)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x665f [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52070 (52070), Dst Port: ftp (21), Seq:
48, Ack: 51, Len: 0
Source port: 52070 (52070)
Destination port: ftp (21)
Sequence number: 48      (relative sequence number)
Acknowledgement number: 51      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x1a0e [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891192, tsecr 219093472
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
175	5.912453	192.168.1.106	128.153.5.66	FTP	Request: PASV

```
Frame 175 (72 bytes on wire, 72 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:16.753396000
  Time delta from previous packet: 0.000848000 seconds
  Time since reference or first frame: 5.912453000 seconds
  Frame Number: 175
  Packet Length: 72 bytes
  Capture Length: 72 bytes
  Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
  Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 58
  Identification: 0x8c78 (35960)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x6658 [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52070 (52070), Dst Port: ftp (21), Seq:
48, Ack: 51, Len: 6
  Source port: 52070 (52070)
  Destination port: ftp (21)
  Sequence number: 48      (relative sequence number)
  Next sequence number: 54      (relative sequence number)
  Acknowledgement number: 51      (relative ack number)
  Header length: 32 bytes
  Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 1... = Push: Set
```

.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 65535

Checksum: 0x695e [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891192, tsecr 219093472

File Transfer Protocol (FTP)

PASV\r\n

Request command: PASV

No.	Time	Source	Destination	Protocol Info
176	6.075530	128.153.5.66	192.168.1.106	FTP

Response: 227 Entering Passive Mode (128,153,5,66,130,35)

Frame 176 (115 bytes on wire, 115 bytes captured)

Arrival Time: Dec 11, 2006 16:21:16.916473000

Time delta from previous packet: 0.163077000 seconds

Time since reference or first frame: 6.075530000 seconds

Frame Number: 176

Packet Length: 115 bytes

Capture Length: 115 bytes

Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 101

Identification: 0xe845 (59461)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x1b60 [correct]

Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52070 (52070), Seq: 51, Ack: 54, Len: 49
Source port: ftp (21)
Destination port: 52070 (52070)
Sequence number: 51 (relative sequence number)
Next sequence number: 100 (relative sequence number)
Acknowledgement number: 54 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0x8cbb [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093489, tsecr 636891192

SEQ/ACK analysis

File Transfer Protocol (FTP)

227 Entering Passive Mode (128,153,5,66,130,35)\r\n

Response code: Entering Passive Mode (227)

Response arg: Entering Passive Mode (128,153,5,66,130,35)

Passive IP address: 128.153.5.66 (128.153.5.66)

Passive port: 33315

No.	Time	Source	Destination	Protocol	Info
177	6.075625	192.168.1.106	128.153.5.66	TCP	52070 >
ftp [ACK] Seq=54 Ack=100 Win=65535 Len=0 TSV=636891192 TSER=219093489					

Frame 177 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:16.916568000

Time delta from previous packet: 0.000095000 seconds

Time since reference or first frame: 6.075625000 seconds

Frame Number: 177

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

```

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c79 (35961)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x665d [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52070 (52070), Dst Port: ftp (21), Seq:
54, Ack: 100, Len: 0
Source port: 52070 (52070)
Destination port: ftp (21)
Sequence number: 54      (relative sequence number)
Acknowledgement number: 100      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x19c6 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891192, tsecr 219093489
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
-----	------	--------	-------------	----------	------

178 6.076761 192.168.1.106 128.153.5.66 TCP 52075 >
33315 [SYN] Seq=0 Ack=0 Win=65535 Len=0 MSS=1460 WS=0 TSV=636891192 TSER=0

Frame 178 (78 bytes on wire, 78 bytes captured)

Arrival Time: Dec 11, 2006 16:21:16.917704000
Time delta from previous packet: 0.001231000 seconds
Time since reference or first frame: 6.076761000 seconds
Frame Number: 178
Packet Length: 78 bytes
Capture Length: 78 bytes
Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0

Total Length: 64
Identification: 0x8c7a (35962)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set

Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6650 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52075 (52075), Dst Port: 33315 (33315), Seq: 0, Ack: 0, Len: 0

Source port: 52075 (52075)
Destination port: 33315 (33315)
Sequence number: 0 (relative sequence number)
Header length: 44 bytes
Flags: 0x0002 (SYN)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...0 = Acknowledgment: Not set
.... 0... = Push: Not set

```
.... .0.. = Reset: Not set
.... ..1. = Syn: Set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x3f5b [correct]
Options: (24 bytes)
  Maximum segment size: 1460 bytes
  NOP
  Window scale: 0 (multiply by 1)
  NOP
  NOP
  Time stamp: tsval 636891192, tsecr 0
  SACK permitted
  EOL
```

No.	Time	Source	Destination	Protocol	Info
179	6.246615	128.153.5.66	192.168.1.106	TCP	33315 >

52075 [SYN, ACK] Seq=0 Ack=1 Win=1460 Len=0 MSS=1460 TSV=219093506
TSER=636891192 WS=0

```
Frame 179 (74 bytes on wire, 74 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:17.087558000
  Time delta from previous packet: 0.171085000 seconds
  Time since reference or first frame: 6.246615000 seconds
  Frame Number: 179
  Packet Length: 74 bytes
  Capture Length: 74 bytes
  Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
  Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 60
  Identification: 0x0000 (0)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
```



```

Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x03cf [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33315 (33315), Dst Port: 52075 (52075),
Seq: 0, Ack: 1, Len: 0
Source port: 33315 (33315)
Destination port: 52075 (52075)
Sequence number: 0 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 40 bytes
Flags: 0x0012 (SYN, ACK)
  0... .... = Congestion Window Reduced (CWR): Not set
  .0.. .... = ECN-Echo: Not set
  ..0. .... = Urgent: Not set
  ...1 .... = Acknowledgment: Set
  .... 0... = Push: Not set
  .... .0.. = Reset: Not set
  .... ..1. = Syn: Set
  .... ...0 = Fin: Not set
Window size: 1460
Checksum: 0x5397 [correct]
Options: (20 bytes)
  Maximum segment size: 1460 bytes
  SACK permitted
  Time stamp: tsval 219093506, tsecr 636891192
  NOP
  Window scale: 0 (multiply by 1)
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
180	6.246714	192.168.1.106	128.153.5.66	TCP	52075 >
33315 [ACK] Seq=1 Ack=1 Win=65535 Len=0 TSV=636891192 TSER=219093506					

```

Frame 180 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:17.087657000
Time delta from previous packet: 0.171184000 seconds
Time since reference or first frame: 6.246714000 seconds
Frame Number: 180
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

```

```

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 52
  Identification: 0x8c7b (35963)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x665b [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52075 (52075), Dst Port: 33315 (33315),
Seq: 1, Ack: 1, Len: 0
  Source port: 52075 (52075)
  Destination port: 33315 (33315)
  Sequence number: 1      (relative sequence number)
  Acknowledgement number: 1      (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ....1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
  Window size: 65535
  Checksum: 0x8810 [correct]
  Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891192, tsecr 219093506
  SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
181	6.247323	192.168.1.106	128.153.5.66	FTP	

Request: LIST -a

Frame 181 (75 bytes on wire, 75 bytes captured)
Arrival Time: Dec 11, 2006 16:21:17.088266000
Time delta from previous packet: 0.171793000 seconds
Time since reference or first frame: 6.247323000 seconds
Frame Number: 181
Packet Length: 75 bytes
Capture Length: 75 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 61
Identification: 0x8c7c (35964)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6651 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52070 (52070), Dst Port: ftp (21), Seq: 54, Ack: 100, Len: 9
Source port: 52070 (52070)
Destination port: ftp (21)
Sequence number: 54 (relative sequence number)
Next sequence number: 63 (relative sequence number)
Acknowledgement number: 100 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 1... = Push: Set
 0.. = Reset: Not set

.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0xeadc [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 636891192, tsecr 219093489

File Transfer Protocol (FTP)

 LIST -a\r\n
 Request command: LIST
 Request arg: -a

No.	Time	Source	Destination	Protocol Info
182	6.408355	128.153.5.66	192.168.1.106	FTP-DATA FTP

Data: 730 bytes

Frame 182 (796 bytes on wire, 796 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:17.249298000
 Time delta from previous packet: 0.161032000 seconds
 Time since reference or first frame: 6.408355000 seconds
 Frame Number: 182
 Packet Length: 796 bytes
 Capture Length: 796 bytes
 Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
 0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 782
 Identification: 0xce20 (52768)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 47
 Protocol: TCP (0x06)
 Header checksum: 0x32d4 [correct]

Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33315 (33315), Dst Port: 52075 (52075),
Seq: 1, Ack: 1, Len: 730
Source port: 33315 (33315)
Destination port: 52075 (52075)
Sequence number: 1 (relative sequence number)
Next sequence number: 731 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x102e [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsval 219093522, tsecr 636891192

FTP Data

No.	Time	Source	Destination	Protocol Info
183	6.409516	128.153.5.66	192.168.1.106	FTP-DATA FTP

Data: 730 bytes

Frame 183 (796 bytes on wire, 796 bytes captured)
Arrival Time: Dec 11, 2006 16:21:17.250459000
Time delta from previous packet: 0.162193000 seconds
Time since reference or first frame: 6.409516000 seconds
Frame Number: 183
Packet Length: 796 bytes
Capture Length: 796 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0

Total Length: 782

Identification: 0xce21 (52769)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x32d3 [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33315 (33315), Dst Port: 52075 (52075),
Seq: 731, Ack: 1, Len: 730

Source port: 33315 (33315)

Destination port: 52075 (52075)

Sequence number: 731 (relative sequence number)

Next sequence number: 1461 (relative sequence number)

Acknowledgement number: 1 (relative ack number)

Header length: 32 bytes

Flags: 0x0018 (PSH, ACK)

0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0x8ea8 [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsva1 219093522, tsecr 636891192

FTP Data

No.	Time	Source	Destination	Protocol	Info
184	6.409579	192.168.1.106	128.153.5.66	TCP	52075 >
33315 [ACK] Seq=1 Ack=1461 Win=65148 Len=0 TSV=636891193 TSER=219093522					

Frame 184 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:17.250522000

Time delta from previous packet: 0.162256000 seconds

Time since reference or first frame: 6.409579000 seconds
Frame Number: 184
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c7d (35965)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6659 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52075 (52075), Dst Port: 33315 (33315), Seq: 1, Ack: 1461, Len: 0
Source port: 52075 (52075)
Destination port: 33315 (33315)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 1461 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65148
Checksum: 0x83ce [correct]

Options: (12 bytes)
NOP
NOP
Time stamp: tsval 636891193, tsecr 219093522
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
185	6.410133	128.153.5.66	192.168.1.106	FTP	

Response: 150 Here comes the directory listing.

Frame 185 (105 bytes on wire, 105 bytes captured)

Arrival Time: Dec 11, 2006 16:21:17.251076000
Time delta from previous packet: 0.162810000 seconds
Time since reference or first frame: 6.410133000 seconds
Frame Number: 185
Packet Length: 105 bytes
Capture Length: 105 bytes
Protocols in frame: eth:ip:tcp:ftp

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0

Total Length: 91
Identification: 0xe846 (59462)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set

Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x1b69 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52070 (52070), Seq: 100, Ack: 63, Len: 39

Source port: ftp (21)
Destination port: 52070 (52070)
Sequence number: 100 (relative sequence number)

Next sequence number: 139 (relative sequence number)
Acknowledgement number: 63 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0xedae [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsval 219093522, tsecr 636891192

SEQ/ACK analysis

File Transfer Protocol (FTP)

150 Here comes the directory listing.\r\n

Response code: File status okay; about to open data connection (150)

Response arg: Here comes the directory listing.

No.	Time	Source	Destination	Protocol	Info
186	6.410186	192.168.1.106	128.153.5.66	TCP	52070 >

ftp [ACK] Seq=63 Ack=139 Win=65535 Len=0 TSV=636891193 TSER=219093522

Frame 186 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:17.251129000

Time delta from previous packet: 0.000053000 seconds

Time since reference or first frame: 6.410186000 seconds

Frame Number: 186

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

```

    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c7e (35966)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6658 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52070 (52070), Dst Port: ftp (21), Seq:
63, Ack: 139, Len: 0
Source port: 52070 (52070)
Destination port: ftp (21)
Sequence number: 63      (relative sequence number)
Acknowledgement number: 139      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x1974 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891193, tsecr 219093522
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol Info
187	6.412807	128.153.5.66	192.168.1.106	FTP

Response: 226 Directory send OK.

```

Frame 187 (90 bytes on wire, 90 bytes captured)
Arrival Time: Dec 11, 2006 16:21:17.253750000
Time delta from previous packet: 0.002674000 seconds
Time since reference or first frame: 6.412807000 seconds
Frame Number: 187
Packet Length: 90 bytes
Capture Length: 90 bytes

```

```
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce
(00:17:f2:4b:6e:ce)
  Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 76
  Identification: 0xe847 (59463)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 47
  Protocol: TCP (0x06)
  Header checksum: 0x1b77 [correct]
  Source: 128.153.5.66 (128.153.5.66)
  Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52070 (52070), Seq:
139, Ack: 63, Len: 24
  Source port: ftp (21)
  Destination port: 52070 (52070)
  Sequence number: 139      (relative sequence number)
  Next sequence number: 163  (relative sequence number)
  Acknowledgement number: 63  (relative ack number)
  Header length: 32 bytes
  Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
  Window size: 5792
  Checksum: 0x3d3b [correct]
  Options: (12 bytes)
    NOP
    NOP
```

Time stamp: tsva1 219093522, tsecr 636891192

File Transfer Protocol (FTP)

226 Directory send OK.\r\n

Response code: Closing data connection (226)

Response arg: Directory send OK.

No.	Time	Source	Destination	Protocol	Info
188	6.412845	192.168.1.106	128.153.5.66	TCP	52070 >

ftp [ACK] Seq=63 Ack=163 Win=65535 Len=0 TSV=636891193 TSER=219093522

Frame 188 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:17.253788000

Time delta from previous packet: 0.000038000 seconds

Time since reference or first frame: 6.412845000 seconds

Frame Number: 188

Packet Length: 66 bytes

Capture Length: 66 bytes

Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 52

Identification: 0x8c7f (35967)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: TCP (0x06)

Header checksum: 0x6657 [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52070 (52070), Dst Port: ftp (21), Seq: 63, Ack: 163, Len: 0

Source port: 52070 (52070)

Destination port: ftp (21)

Sequence number: 63 (relative sequence number)

Acknowledgement number: 163 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x195c [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsva 636891193, tsecr 219093522
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
189	6.577169	128.153.5.66	192.168.1.106	FTP-DATA	FTP

Data: 730 bytes

Frame 189 (796 bytes on wire, 796 bytes captured)
Arrival Time: Dec 11, 2006 16:21:17.418112000
Time delta from previous packet: 0.164362000 seconds
Time since reference or first frame: 6.577169000 seconds
Frame Number: 189
Packet Length: 796 bytes
Capture Length: 796 bytes
Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 782
Identification: 0xce22 (52770)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set

.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x32d2 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33315 (33315), Dst Port: 52075 (52075),
Seq: 1461, Ack: 1, Len: 730
Source port: 33315 (33315)
Destination port: 52075 (52075)
Sequence number: 1461 (relative sequence number)
Next sequence number: 2191 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. .. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 5792
Checksum: 0xb718 [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsval 219093539, tsecr 636891193

FTP Data

No.	Time	Source	Destination	Protocol Info
190	6.578165	128.153.5.66	192.168.1.106	FTP-DATA FTP

Data: 730 bytes

Frame 190 (796 bytes on wire, 796 bytes captured)

Arrival Time: Dec 11, 2006 16:21:17.419108000
Time delta from previous packet: 0.165358000 seconds
Time since reference or first frame: 6.578165000 seconds
Frame Number: 190
Packet Length: 796 bytes
Capture Length: 796 bytes
Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

```

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106
(192.168.1.106)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
    0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 782
Identification: 0xce23 (52771)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x32d1 [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33315 (33315), Dst Port: 52075 (52075),
Seq: 2191, Ack: 1, Len: 730
Source port: 33315 (33315)
Destination port: 52075 (52075)
Sequence number: 2191      (relative sequence number)
Next sequence number: 2921  (relative sequence number)
Acknowledgement number: 1   (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x8649 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsva 219093539, tsecr 636891193

```

FTP Data

No.	Time	Source	Destination	Protocol Info
-----	------	--------	-------------	---------------

191 6.578208 192.168.1.106 128.153.5.66 TCP 52075 >
33315 [ACK] Seq=1 Ack=2921 Win=65535 Len=0 TSV=636891193 TSER=219093539

Frame 191 (66 bytes on wire, 66 bytes captured)

Arrival Time: Dec 11, 2006 16:21:17.419151000
Time delta from previous packet: 0.165401000 seconds
Time since reference or first frame: 6.578208000 seconds
Frame Number: 191
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0

Total Length: 52
Identification: 0x8c80 (35968)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set

Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6656 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)

Transmission Control Protocol, Src Port: 52075 (52075), Dst Port: 33315 (33315), Seq: 1, Ack: 2921, Len: 0

Source port: 52075 (52075)
Destination port: 33315 (33315)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 2921 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set

.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x7c86 [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 636891193, tsecr 219093539
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
192	6.579984	128.153.5.66	192.168.1.106	FTP-DATA FTP

Data: 730 bytes

Frame 192 (796 bytes on wire, 796 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:17.420927000
 Time delta from previous packet: 0.167177000 seconds
 Time since reference or first frame: 6.579984000 seconds
 Frame Number: 192
 Packet Length: 796 bytes
 Capture Length: 796 bytes
 Protocols in frame: eth:ip:tcp:ftp-data
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)
 0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 782
 Identification: 0xce24 (52772)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 47
 Protocol: TCP (0x06)
 Header checksum: 0x32d0 [correct]
 Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33315 (33315), Dst Port: 52075 (52075),
Seq: 2921, Ack: 1, Len: 730
Source port: 33315 (33315)
Destination port: 52075 (52075)
Sequence number: 2921 (relative sequence number)
Next sequence number: 3651 (relative sequence number)
Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x3e95 [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsval 219093539, tsecr 636891193

FTP Data

No.	Time	Source	Destination	Protocol Info
193	6.581151	128.153.5.66	192.168.1.106	FTP-DATA FTP

Data: 730 bytes

Frame 193 (796 bytes on wire, 796 bytes captured)

Arrival Time: Dec 11, 2006 16:21:17.422094000
Time delta from previous packet: 0.168344000 seconds
Time since reference or first frame: 6.581151000 seconds
Frame Number: 193
Packet Length: 796 bytes
Capture Length: 796 bytes
Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

```

    0000 10.. = Differentiated Services Codepoint: Unknown (0x02)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 782
Identification: 0xce25 (52773)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 47
Protocol: TCP (0x06)
Header checksum: 0x32cf [correct]
Source: 128.153.5.66 (128.153.5.66)
Destination: 192.168.1.106 (192.168.1.106)
Transmission Control Protocol, Src Port: 33315 (33315), Dst Port: 52075 (52075),
Seq: 3651, Ack: 1, Len: 730
Source port: 33315 (33315)
Destination port: 52075 (52075)
Sequence number: 3651      (relative sequence number)
Next sequence number: 4381  (relative sequence number)
Acknowledgement number: 1   (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 5792
Checksum: 0x55ae [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 219093539, tsecr 636891193

```

FTP Data

No.	Time	Source	Destination	Protocol	Info
194	6.581180	192.168.1.106	128.153.5.66	TCP	52075 >
33315 [ACK] Seq=1 Ack=4381 Win=65535 Len=0 TSV=636891193 TSER=219093539					

```

Frame 194 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:17.422123000
Time delta from previous packet: 0.168373000 seconds
Time since reference or first frame: 6.581180000 seconds

```

Frame Number: 194
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c81 (35969)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6655 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52075 (52075), Dst Port: 33315 (33315),
Seq: 1, Ack: 4381, Len: 0
Source port: 52075 (52075)
Destination port: 33315 (33315)
Sequence number: 1 (relative sequence number)
Acknowledgement number: 4381 (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 0... = Push: Not set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x76d2 [correct]
Options: (12 bytes)

NOP

NOP

Time stamp: tsval 636891193, tsecr 219093539

SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
195	6.583367	128.153.5.66	192.168.1.106	FTP-DATA	FTP

Data: 508 bytes

Frame 195 (574 bytes on wire, 574 bytes captured)

Arrival Time: Dec 11, 2006 16:21:17.424310000

Time delta from previous packet: 0.170560000 seconds

Time since reference or first frame: 6.583367000 seconds

Frame Number: 195

Packet Length: 574 bytes

Capture Length: 574 bytes

Protocols in frame: eth:ip:tcp:ftp-data

Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)

Type: IP (0x0800)

Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x08 (DSCP 0x02: Unknown DSCP; ECN: 0x00)

0000 10.. = Differentiated Services Codepoint: Unknown (0x02)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 560

Identification: 0xce26 (52774)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x33ac [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: 33315 (33315), Dst Port: 52075 (52075), Seq: 4381, Ack: 1, Len: 508

Source port: 33315 (33315)

Destination port: 52075 (52075)

Sequence number: 4381 (relative sequence number)

Next sequence number: 4889 (relative sequence number)

Acknowledgement number: 1 (relative ack number)
Header length: 32 bytes
Flags: 0x0019 (FIN, PSH, ACK)
0... .. = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...1 = Fin: Set
Window size: 5792
Checksum: 0x686b [correct]
Options: (12 bytes)
NOP
NOP
Time stamp: tsva 219093539, tsecr 636891193

FTP Data

No.	Time	Source	Destination	Protocol	Info
196	6.583403	192.168.1.106	128.153.5.66	TCP	52075 >
33315 [ACK] Seq=1 Ack=4890 Win=65535 Len=0 TSV=636891193 TSER=219093539					

Frame 196 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:17.424346000
Time delta from previous packet: 0.170596000 seconds
Time since reference or first frame: 6.583403000 seconds
Frame Number: 196
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c82 (35970)
Flags: 0x04 (Don't Fragment)
0... = Reserved bit: Not set

```

    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6654 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52075 (52075), Dst Port: 33315 (33315),
Seq: 1, Ack: 4890, Len: 0
Source port: 52075 (52075)
Destination port: 33315 (33315)
Sequence number: 1      (relative sequence number)
Acknowledgement number: 4890      (relative ack number)
Header length: 32 bytes
Flags: 0x0010 (ACK)
    0... .. = Congestion Window Reduced (CWR): Not set
    .0.. .. = ECN-Echo: Not set
    ..0. .. = Urgent: Not set
    ...1 .. = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x74d5 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891193, tsecr 219093539
SEQ/ACK analysis

```

No.	Time	Source	Destination	Protocol	Info
197	6.585207	192.168.1.106	128.153.5.66	TCP	52075 >
33315 [FIN, ACK] Seq=1 Ack=4890 Win=65535 Len=0 TSV=636891193 TSER=219093539					

```

Frame 197 (66 bytes on wire, 66 bytes captured)
Arrival Time: Dec 11, 2006 16:21:17.426150000
Time delta from previous packet: 0.172400000 seconds
Time since reference or first frame: 6.585207000 seconds
Frame Number: 197
Packet Length: 66 bytes
Capture Length: 66 bytes
Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

```

```

Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
Total Length: 52
Identification: 0x8c83 (35971)
Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x6653 [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52075 (52075), Dst Port: 33315 (33315),
Seq: 1, Ack: 4890, Len: 0
Source port: 52075 (52075)
Destination port: 33315 (33315)
Sequence number: 1      (relative sequence number)
Acknowledgement number: 4890      (relative ack number)
Header length: 32 bytes
Flags: 0x0011 (FIN, ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...1 = Fin: Set
Window size: 65535
Checksum: 0x74d4 [correct]
Options: (12 bytes)
    NOP
    NOP
    Time stamp: tsval 636891193, tsecr 219093539

```

No.	Time	Source	Destination	Protocol	Info
198	6.586310	192.168.1.106	128.153.5.66	FTP	

Request: CWD /afs/clarkson.edu/users/w/e/wernerjs/./#hello.txt

Frame 198 (120 bytes on wire, 120 bytes captured)
Arrival Time: Dec 11, 2006 16:21:17.427253000
Time delta from previous packet: 0.173503000 seconds
Time since reference or first frame: 6.586310000 seconds
Frame Number: 198
Packet Length: 120 bytes
Capture Length: 120 bytes
Protocols in frame: eth:ip:tcp:ftp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66 (128.153.5.66)
Version: 4
Header length: 20 bytes
Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
Total Length: 106
Identification: 0x8c84 (35972)
Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (0x06)
Header checksum: 0x661c [correct]
Source: 192.168.1.106 (192.168.1.106)
Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52070 (52070), Dst Port: ftp (21), Seq: 63, Ack: 163, Len: 54
Source port: 52070 (52070)
Destination port: ftp (21)
Sequence number: 63 (relative sequence number)
Next sequence number: 117 (relative sequence number)
Acknowledgement number: 163 (relative ack number)
Header length: 32 bytes
Flags: 0x0018 (PSH, ACK)
 0... = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 1... = Push: Set
 0.. = Reset: Not set

.... ..0. = Syn: Not set
.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x74dd [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsva 636891193, tsecr 219093522

File Transfer Protocol (FTP)
 CWD /afs/clarkson.edu/users/w/e/wernerjs/.#hello.txt\r\n
 Request command: CWD
 Request arg: /afs/clarkson.edu/users/w/e/wernerjs/.#hello.txt

No.	Time	Source	Destination	Protocol	Info
199	6.781837	128.153.5.66	192.168.1.106	TCP	33315 >
52075	[ACK]	Seq=4890 Ack=2 Win=5792 Len=0 TSV=219093559 TSER=636891193			

Frame 199 (66 bytes on wire, 66 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:17.622780000
 Time delta from previous packet: 0.195527000 seconds
 Time since reference or first frame: 6.781837000 seconds
 Frame Number: 199
 Packet Length: 66 bytes
 Capture Length: 66 bytes
 Protocols in frame: eth:ip:tcp
Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)
Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
 0000 00.. = Differentiated Services Codepoint: Default (0x00)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 52
 Identification: 0x6c22 (27682)
 Flags: 0x04 (Don't Fragment)
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 47
 Protocol: TCP (0x06)
 Header checksum: 0x97b4 [correct]

Source: 128.153.5.66 (128.153.5.66)
 Destination: 192.168.1.106 (192.168.1.106)
 Transmission Control Protocol, Src Port: 33315 (33315), Dst Port: 52075 (52075),
 Seq: 4890, Ack: 2, Len: 0
 Source port: 33315 (33315)
 Destination port: 52075 (52075)
 Sequence number: 4890 (relative sequence number)
 Acknowledgement number: 2 (relative ack number)
 Header length: 32 bytes
 Flags: 0x0010 (ACK)
 0... .. = Congestion Window Reduced (CWR): Not set
 .0.. = ECN-Echo: Not set
 ..0. = Urgent: Not set
 ...1 = Acknowledgment: Set
 0... = Push: Not set
 0.. = Reset: Not set
 0. = Syn: Not set
 0 = Fin: Not set
 Window size: 5792
 Checksum: 0x5e20 [correct]
 Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 219093559, tsecr 636891193
 SEQ/ACK analysis

No.	Time	Source	Destination	Protocol	Info
200	6.782482	128.153.5.66	192.168.1.106	FTP	

Response: 550 Failed to change directory.

Frame 200 (99 bytes on wire, 99 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:17.623425000
 Time delta from previous packet: 0.196172000 seconds
 Time since reference or first frame: 6.782482000 seconds
 Frame Number: 200
 Packet Length: 99 bytes
 Capture Length: 99 bytes
 Protocols in frame: eth:ip:tcp:ftp
 Ethernet II, Src: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29), Dst: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Destination: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Source: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
 Type: IP (0x0800)
 Internet Protocol, Src: 128.153.5.66 (128.153.5.66), Dst: 192.168.1.106 (192.168.1.106)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)
.... ..0. = ECN-Capable Transport (ECT): 0
.... ...0 = ECN-CE: 0

Total Length: 85

Identification: 0xe848 (59464)

Flags: 0x04 (Don't Fragment)

0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set

Fragment offset: 0

Time to live: 47

Protocol: TCP (0x06)

Header checksum: 0x1b6d [correct]

Source: 128.153.5.66 (128.153.5.66)

Destination: 192.168.1.106 (192.168.1.106)

Transmission Control Protocol, Src Port: ftp (21), Dst Port: 52070 (52070), Seq: 163, Ack: 117, Len: 33

Source port: ftp (21)

Destination port: 52070 (52070)

Sequence number: 163 (relative sequence number)

Next sequence number: 196 (relative sequence number)

Acknowledgement number: 117 (relative ack number)

Header length: 32 bytes

Flags: 0x0018 (PSH, ACK)

0... = Congestion Window Reduced (CWR): Not set
.0.. = ECN-Echo: Not set
..0. = Urgent: Not set
...1 = Acknowledgment: Set
.... 1... = Push: Set
.... .0.. = Reset: Not set
.... ..0. = Syn: Not set
.... ...0 = Fin: Not set

Window size: 5792

Checksum: 0xbdaf [correct]

Options: (12 bytes)

NOP

NOP

Time stamp: tsva 219093559, tsecr 636891193

SEQ/ACK analysis

File Transfer Protocol (FTP)

550 Failed to change directory.\r\n

Response code: Requested action not taken: File unavailable (550)

Response arg: Failed to change directory.

No.	Time	Source	Destination	Protocol	Info
201	6.782581	192.168.1.106	128.153.5.66	TCP	52070 >
ftp [ACK] Seq=117 Ack=196 Win=65535 Len=0 TSV=636891193 TSER=219093559					

```
Frame 201 (66 bytes on wire, 66 bytes captured)
  Arrival Time: Dec 11, 2006 16:21:17.623524000
  Time delta from previous packet: 0.000099000 seconds
  Time since reference or first frame: 6.782581000 seconds
  Frame Number: 201
  Packet Length: 66 bytes
  Capture Length: 66 bytes
  Protocols in frame: eth:ip:tcp
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Cisco-Li_9b:40:29
(00:0f:66:9b:40:29)
  Destination: Cisco-Li_9b:40:29 (00:0f:66:9b:40:29)
  Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
  Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 128.153.5.66
(128.153.5.66)
  Version: 4
  Header length: 20 bytes
  Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)
    0000 00.. = Differentiated Services Codepoint: Default (0x00)
    .... ..0. = ECN-Capable Transport (ECT): 0
    .... ...0 = ECN-CE: 0
  Total Length: 52
  Identification: 0x8c85 (35973)
  Flags: 0x04 (Don't Fragment)
    0... = Reserved bit: Not set
    .1.. = Don't fragment: Set
    ..0. = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (0x06)
  Header checksum: 0x6651 [correct]
  Source: 192.168.1.106 (192.168.1.106)
  Destination: 128.153.5.66 (128.153.5.66)
Transmission Control Protocol, Src Port: 52070 (52070), Dst Port: ftp (21), Seq:
117, Ack: 196, Len: 0
  Source port: 52070 (52070)
  Destination port: ftp (21)
  Sequence number: 117      (relative sequence number)
  Acknowledgement number: 196      (relative ack number)
  Header length: 32 bytes
  Flags: 0x0010 (ACK)
    0... .... = Congestion Window Reduced (CWR): Not set
    .0.. .... = ECN-Echo: Not set
    ..0. .... = Urgent: Not set
    ...1 .... = Acknowledgment: Set
    .... 0... = Push: Not set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
```

.... ...0 = Fin: Not set
Window size: 65535
Checksum: 0x18e0 [correct]
Options: (12 bytes)
 NOP
 NOP
 Time stamp: tsval 636891193, tsecr 219093559
SEQ/ACK analysis

No.	Time	Source	Destination	Protocol Info
202	7.318948	192.168.1.106	224.0.0.251	MDNS

Standard query PTR _sftp._tcp.local PTR _ssh._tcp.local

Frame 202 (87 bytes on wire, 87 bytes captured)
 Arrival Time: Dec 11, 2006 16:21:18.159891000
 Time delta from previous packet: 0.536466000 seconds
 Time since reference or first frame: 7.318948000 seconds
 Frame Number: 202
 Packet Length: 87 bytes
 Capture Length: 87 bytes
 Protocols in frame: eth:ip:udp:dns
Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: 01:00:5e:00:00:fb (01:00:5e:00:00:fb)
 Destination: 01:00:5e:00:00:fb (01:00:5e:00:00:fb)
 Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)
 Type: IP (0x0800)
Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 224.0.0.251 (224.0.0.251)
 Version: 4
 Header length: 20 bytes
 Differentiated Services Field: 0x18 (DSCP 0x06: Unknown DSCP; ECN: 0x00)
 0001 10.. = Differentiated Services Codepoint: Unknown (0x06)
 0. = ECN-Capable Transport (ECT): 0
 0 = ECN-CE: 0
 Total Length: 73
 Identification: 0x8c86 (35974)
 Flags: 0x00
 0... = Reserved bit: Not set
 .0.. = Don't fragment: Not set
 ..0. = More fragments: Not set
 Fragment offset: 0
 Time to live: 255
 Protocol: UDP (0x11)
 Header checksum: 0x8bf7 [correct]
 Source: 192.168.1.106 (192.168.1.106)
 Destination: 224.0.0.251 (224.0.0.251)
User Datagram Protocol, Src Port: mdns (5353), Dst Port: mdns (5353)
Domain Name System (query)

No.	Time	Source	Destination	Protocol	Info
203	7.558156	192.168.1.106	192.168.1.255	CUPS	

ipp://192.168.1.106:631/printers/Bluetooth_Modem (idle)

Frame 203 (145 bytes on wire, 145 bytes captured)

Arrival Time: Dec 11, 2006 16:21:18.399099000

Time delta from previous packet: 0.775674000 seconds

Time since reference or first frame: 7.558156000 seconds

Frame Number: 203

Packet Length: 145 bytes

Capture Length: 145 bytes

Protocols in frame: eth:ip:udp:cups

Ethernet II, Src: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce), Dst: Broadcast (ff:ff:ff:ff:ff:ff)

Destination: Broadcast (ff:ff:ff:ff:ff:ff)

Source: 00:17:f2:4b:6e:ce (00:17:f2:4b:6e:ce)

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.106 (192.168.1.106), Dst: 192.168.1.255 (192.168.1.255)

Version: 4

Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00)

0000 00.. = Differentiated Services Codepoint: Default (0x00)

.... ..0. = ECN-Capable Transport (ECT): 0

.... ...0 = ECN-CE: 0

Total Length: 131

Identification: 0x8c87 (35975)

Flags: 0x00

0... = Reserved bit: Not set

.0.. = Don't fragment: Not set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: UDP (0x11)

Header checksum: 0x6929 [correct]

Source: 192.168.1.106 (192.168.1.106)

Destination: 192.168.1.255 (192.168.1.255)

User Datagram Protocol, Src Port: ipp (631), Dst Port: ipp (631)

Common Unix Printing System (CUPS) Browsing Protocol