

108 0.002053 216.75.194.220 128.238.38.162 SSLv3 1434 Server Hello

Frame 108: 1434 bytes on wire (11472 bits), 1434 bytes captured (11472 bits)

Encapsulation type: Ethernet (1)

Arrival Time: Jul 18, 2005 11:11:12.648204000 Pacific Daylight Time

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1121710272.648204000 seconds

[Time delta from previous captured frame: 0.002053000 seconds]

[Time delta from previous displayed frame: 0.002053000 seconds]

[Time since reference or first frame: 21.830201000 seconds]

Frame Number: 108

Frame Length: 1434 bytes (11472 bits)

Capture Length: 1434 bytes (11472 bits)

[Frame is marked: False]

[Frame is ignored: False]

[Protocols in frame: eth:ethertype:ip:tcp:ssl]

[Coloring Rule Name: TCP]

[Coloring Rule String: tcp]

Ethernet II, Src: Cisco_83:e4:54 (00:b0:8e:83:e4:54), Dst: Ibm_10:60:99 (00:09:6b:10:60:99)

Destination: Ibm_10:60:99 (00:09:6b:10:60:99)

Address: Ibm_10:60:99 (00:09:6b:10:60:99)

.... ..0. = LG bit: Globally unique address (factory default)

.... ...0 = IG bit: Individual address (unicast)

Source: Cisco_83:e4:54 (00:b0:8e:83:e4:54)

Address: Cisco_83:e4:54 (00:b0:8e:83:e4:54)

.... ..0. = LG bit: Globally unique address (factory default)

.... ...0 = IG bit: Individual address (unicast)

Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 216.75.194.220, Dst: 128.238.38.162

0100 = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

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

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 1420

Identification: 0x87be (34750)

Flags: 0x02 (Don't Fragment)

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

Fragment offset: 0

Time to live: 51

Protocol: TCP (6)

Header checksum: 0x77f5 [validation disabled]

[Header checksum status: Unverified]

Source: 216.75.194.220

Destination: 128.238.38.162

[Source GeoIP: Unknown]

[Destination GeoIP: Unknown]

Transmission Control Protocol, Src Port: 443, Dst Port: 2271, Seq: 1, Ack: 79, Len: 1380

Source Port: 443

Destination Port: 2271

[Stream index: 2]

[TCP Segment Len: 1380]

Sequence number: 1 (relative sequence number)

[Next sequence number: 1381 (relative sequence number)]

Acknowledgment number: 79 (relative ack number)

0101 = Header Length: 20 bytes (5)

Flags: 0x010 (ACK)

000. = Reserved: Not set

...0 = Nonce: Not set

.... 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

[TCP Flags:A.....]

Window size value: 33120

[Calculated window size: 33120]

[Window size scaling factor: -2 (no window scaling used)]

Checksum: 0xcc13 [unverified]

[Checksum Status: Unverified]

Urgent pointer: 0

[SEQ/ACK analysis]

[iRTT: 0.022082000 seconds]

[Bytes in flight: 1380]

[Bytes sent since last PSH flag: 1380]

TCP payload (1380 bytes)

```
TCP segment data (1301 bytes)
Secure Sockets Layer
SSLv3 Record Layer: Handshake Protocol: Server Hello
  Content Type: Handshake (22)
  Version: SSL 3.0 (0x0300)
  Length: 74
  Handshake Protocol: Server Hello
    Handshake Type: Server Hello (2)
    Length: 70
    Version: SSL 3.0 (0x0300)
    Random: 0000000042dbed248b8831d04cc98c26e5badc4e267c3919...
      GMT Unix Time: Dec 31, 1969 16:00:00.000000000 Pacific Standard Time
      Random Bytes: 42dbed248b8831d04cc98c26e5badc4e267c391944f0f070...
    Session ID Length: 32
    Session ID: 1bad05faba02ea92c64c54be4547c32f3e3ca63d3a0c86dd...
    Cipher Suite: TLS_RSA_WITH_RC4_128_MD5 (0x0004)
    Compression Method: null (0)
```