```
No.      Time          Source                Destination          Protocol Length Info
    493 30.918636      128.238.29.22         128.238.38.160       DNS      176    Standard query response 0x0003 NS
    mit.edu NS bitsy.mit.edu NS strawb.mit.edu NS w20ns.mit.edu A 18.72.0.3 A 18.71.0.151 A 18.70.0.160
Frame 493: 176 bytes on wire (1408 bits), 176 bytes captured (1408 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 31, 2004 17:20:35.850784000 EDT
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1093987235.850784000 seconds
    [Time delta from previous captured frame: 0.000361000 seconds]
    [Time delta from previous displayed frame: 0.000361000 seconds]
    [Time since reference or first frame: 30.918636000 seconds]
    Frame Number: 493
    Frame Length: 176 bytes (1408 bits)
    Capture Length: 176 bytes (1408 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:udp:dns]
    [Coloring Rule Name: UDP]
    [Coloring Rule String: udp]
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: 128.238.29.22, Dst: 128.238.38.160
    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: 162
    Identification: 0x0057 (87)
    Flags: 0x0000
        0... .... .... .... = Reserved bit: Not set
        .0.. .... .... .... = Don't fragment: Not set
        ..0. .... .... .... = More fragments: Not set
        ...0 0000 0000 0000 = Fragment offset: 0
    Time to live: 126
    Protocol: UDP (17)
    Header checksum: 0xf661 [validation disabled]
    [Header checksum status: Unverified]
    Source: 128.238.29.22
    Destination: 128.238.38.160
User Datagram Protocol, Src Port: 53, Dst Port: 3746
    Source Port: 53
    Destination Port: 3746
    Length: 142
    Checksum: 0xc302 [unverified]
    [Checksum Status: Unverified]
    [Stream index: 15]
Domain Name System (response)
    Transaction ID: 0x0003
    Flags: 0x8180 Standard query response, No error
        1... .... .... .... = Response: Message is a response
        .000 0... .... .... = Opcode: Standard query (0)
        .... .0.. .... .... = Authoritative: Server is not an authority for domain
        .... ..0. .... .... = Truncated: Message is not truncated
        .... ...1 .... .... = Recursion desired: Do query recursively
        .... .... 1... .... = Recursion available: Server can do recursive queries
        .... .... .0.. .... = Z: reserved (0)
        .... .... ..0. .... = Answer authenticated: Answer/authority portion was not authenticated by the server
        .... .... ...0 .... = Non-authenticated data: Unacceptable
        .... .... .... 0000 = Reply code: No error (0)
    Questions: 1
    Answer RRs: 3
    Authority RRs: 0
    Additional RRs: 3
    Queries
        mit.edu: type NS, class IN
            Name: mit.edu
            [Name Length: 7]
            [Label Count: 2]
            Type: NS (authoritative Name Server) (2)
            Class: IN (0x0001)
    Answers
        mit.edu: type NS, class IN, ns bitsy.mit.edu
            Name: mit.edu
            Type: NS (authoritative Name Server) (2)
            Class: IN (0x0001)
            Time to live: 20736
            Data length: 8
            Name Server: bitsy.mit.edu
        mit.edu: type NS, class IN, ns strawb.mit.edu
            Name: mit.edu
```

```
                    Type: NS (authoritative Name Server) (2)
                    Class: IN (0x0001)
                    Time to live: 20736
                    Data length: 9
                    Name Server: strawb.mit.edu
            mit.edu: type NS, class IN, ns w20ns.mit.edu
                    Name: mit.edu
                    Type: NS (authoritative Name Server) (2)
                    Class: IN (0x0001)
                    Time to live: 20736
                    Data length: 8
                    Name Server: w20ns.mit.edu
        Additional records
            bitsy.mit.edu: type A, class IN, addr 18.72.0.3
                    Name: bitsy.mit.edu
                    Type: A (Host Address) (1)
                    Class: IN (0x0001)
                    Time to live: 20736
                    Data length: 4
                    Address: 18.72.0.3
            strawb.mit.edu: type A, class IN, addr 18.71.0.151
                    Name: strawb.mit.edu
                    Type: A (Host Address) (1)
                    Class: IN (0x0001)
                    Time to live: 20736
                    Data length: 4
                    Address: 18.71.0.151
            w20ns.mit.edu: type A, class IN, addr 18.70.0.160
                    Name: w20ns.mit.edu
                    Type: A (Host Address) (1)
                    Class: IN (0x0001)
                    Time to live: 20736
                    Data length: 4
                    Address: 18.70.0.160
        [Request In: 492]
        [Time: 0.000361000 seconds]
```