

No.	Time	Source	Destination	Protocol	Info
1	0.000000	192.168.1.80	192.168.1.1	DNS	Standard query A www.lifl.fr

Frame 1 (71 bytes on wire, 71 bytes captured)

Arrival Time: Apr 26, 2011 23:44:05.158468000

[Time delta from previous captured frame: 0.000000000 seconds]

[Time delta from previous displayed frame: 0.000000000 seconds]

[Time since reference or first frame: 0.000000000 seconds]

Frame Number: 1

Frame Length: 71 bytes

Capture Length: 71 bytes

[Frame is marked: False]

[Protocols in frame: eth:ip:udp:dns]

[Coloring Rule Name: UDP]

[Coloring Rule String: udp]

Ethernet II, Src: Intel\_65:5e:22 (00:16:ea:65:5e:22), Dst: Sfr\_ba:bd:48 (00:17:33:ba:bd:48)

Destination: Sfr\_ba:bd:48 (00:17:33:ba:bd:48)

Address: Sfr\_ba:bd:48 (00:17:33:ba:bd:48)

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

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

Source: Intel\_65:5e:22 (00:16:ea:65:5e:22)

Address: Intel\_65:5e:22 (00:16:ea:65:5e:22)

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

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

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.80 (192.168.1.80), Dst: 192.168.1.1 (192.168.1.1)

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: 57

Identification: 0x6660 (26208)

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: 0x90b2 [correct]

[Good: True]

[Bad : False]

Source: 192.168.1.80 (192.168.1.80)

Destination: 192.168.1.1 (192.168.1.1)

User Datagram Protocol, Src Port: 38672 (38672), Dst Port: domain (53)

Source port: 38672 (38672)

Destination port: domain (53)

Length: 37

Checksum: 0x56f8 [validation disabled]

[Good Checksum: False]

[Bad Checksum: False]

Domain Name System (query)

[Response In: 2]

Transaction ID: 0xcf8d

Flags: 0x0100 (Standard query)

0... .. = Response: Message is a query

.000 0... .. = Opcode: Standard query (0)

.... 0.. = Truncated: Message is not truncated

.... 1... .. = Recursion desired: Do query recursively

.... 0... .. = Z: reserved (0)

.... 0... .. = Non-authenticated data OK: Non-authenticated data is unacceptable

Questions: 1

Answer RRs: 0

Authority RRs: 0

Additional RRs: 0

Queries

www.lifl.fr: type A, class IN

Name: www.lifl.fr

Type: A (Host address)

Class: IN (0x0001)

```

0000  00 17 33 ba bd 48 00 16 ea 65 5e 22 08 00 45 00  ..3..H...e^"...E.
0010  00 39 66 60 00 00 40 11 90 b2 c0 a8 01 50 c0 a8  .9f'...@.....P..

```

```

0020  01 01 97 10 00 35 00 25 56 f8 cf 8d 01 00 00 01  .....5.%V.....
0030  00 00 00 00 00 00 03 77 77 77 04 6c 69 66 6c 02  .....www.lifl.
0040  66 72 00 00 01 00 01                               fr.....

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No.	Time	Source	Destination	Protocol	Info
	2 0.002260	192.168.1.1	192.168.1.80	DNS	Standard query response CNAME proxy
.lifl.fr A 134.206.16.244					

Frame 2 (114 bytes on wire, 114 bytes captured)

Arrival Time: Apr 26, 2011 23:44:05.160728000

[Time delta from previous captured frame: 0.002260000 seconds]

[Time delta from previous displayed frame: 0.002260000 seconds]

[Time since reference or first frame: 0.002260000 seconds]

Frame Number: 2

Frame Length: 114 bytes

Capture Length: 114 bytes

[Frame is marked: False]

[Protocols in frame: eth:ip:udp:dns]

[Coloring Rule Name: UDP]

[Coloring Rule String: udp]

Ethernet II, Src: Sfr\_ba:bd:48 (00:17:33:ba:bd:48), Dst: Intel\_65:5e:22 (00:16:ea:65:5e:22)

Destination: Intel\_65:5e:22 (00:16:ea:65:5e:22)

Address: Intel\_65:5e:22 (00:16:ea:65:5e:22)

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

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

Source: Sfr\_ba:bd:48 (00:17:33:ba:bd:48)

Address: Sfr\_ba:bd:48 (00:17:33:ba:bd:48)

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

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

Type: IP (0x0800)

Internet Protocol, Src: 192.168.1.1 (192.168.1.1), Dst: 192.168.1.80 (192.168.1.80)

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: 100

Identification: 0x0000 (0)

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: 64

Protocol: UDP (0x11)

Header checksum: 0xb6e7 [correct]

[Good: True]

[Bad : False]

Source: 192.168.1.1 (192.168.1.1)

Destination: 192.168.1.80 (192.168.1.80)

User Datagram Protocol, Src Port: domain (53), Dst Port: 38672 (38672)

Source port: domain (53)

Destination port: 38672 (38672)

Length: 80

Checksum: 0xf171 [validation disabled]

[Good Checksum: False]

[Bad Checksum: False]

Domain Name System (response)

[Request In: 1]

[Time: 0.002260000 seconds]

Transaction ID: 0xcf8d

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

.... 0000 = Reply code: No error (0)

Questions: 1

Answer RRs: 2

Authority RRs: 0

Additional RRs: 0

Queries

www.lifl.fr: type A, class IN

Name: www.lifl.fr

Type: A (Host address)

Class: IN (0x0001)

Answers

www.lifl.fr: type CNAME, class IN, cname proxy.lifl.fr

Name: www.lifl.fr

Type: CNAME (Canonical name for an alias)

Class: IN (0x0001)

Time to live: 3 hours, 52 minutes, 52 seconds

Data length: 15

Primary name: proxy.lifl.fr

proxy.lifl.fr: type A, class IN, addr 134.206.16.244

Name: proxy.lifl.fr

Type: A (Host address)

Class: IN (0x0001)

Time to live: 3 hours, 52 minutes, 52 seconds

Data length: 4

Addr: 134.206.16.244

```
0000  00 16 ea 65 5e 22 00 17 33 ba bd 48 08 00 45 00  ...e^"..3..H..E.
0010  00 64 00 00 40 00 40 11 b6 e7 c0 a8 01 01 c0 a8  .d..@.@.....
0020  01 50 00 35 97 10 00 50 f1 71 cf 8d 81 80 00 01  .P.5...P.q.....
0030  00 02 00 00 00 00 03 77 77 77 04 6c 69 66 6c 02  .....www.lifl.
0040  66 72 00 00 01 00 01 c0 0c 00 05 00 01 00 00 36  fr.....6
0050  94 00 0f 05 70 72 6f 78 79 04 6c 69 66 6c 02 66  ....proxy.lifl.f
0060  72 00 c0 29 00 01 00 01 00 00 36 94 00 04 86 ce  r..).....6.....
0070  10 f4  ..
```