1.
HTTP
TCP
DNS
SSDP
ARP
DHCPv6
NBNS
BROWSER
ICMP
EAPOL
LLC
TLSv1


2.
Request:
No.     Time            Source              Destination         Protocol Info
    22 09:06:12.017070 192.168.1.128       192.168.0.52         HTTP    GET http://gaia.cs.umass.edu/
wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1

Frame 22 (628 bytes on wire, 628 bytes captured)
Ethernet II, Src: IntelCor_c9:cc:96 (00:1c:bf:c9:cc:96), Dst: Cisco-Li_aa:2a:64 (68:7f:74:aa:2a:64)
Internet Protocol, Src: 192.168.1.128 (192.168.1.128), Dst: 192.168.0.52 (192.168.0.52)
Transmission Control Protocol, Src Port: 55787 (55787), Dst Port: ndl-aas (3128), Seq: 1, Ack: 1, Len: 562
Hypertext Transfer Protocol

Response:
No.     Time            Source              Destination         Protocol Info
    28 09:06:12.545805 192.168.0.52        192.168.1.128        HTTP    HTTP/1.0 200 OK  (text/html)

Frame 28 (147 bytes on wire, 147 bytes captured)
Ethernet II, Src: Cisco-Li_aa:2a:64 (68:7f:74:aa:2a:64), Dst: IntelCor_c9:cc:96 (00:1c:bf:c9:cc:96)
Internet Protocol, Src: 192.168.0.52 (192.168.0.52), Dst: 192.168.1.128 (192.168.1.128)
Transmission Control Protocol, Src Port: ndl-aas (3128), Dst Port: 55787 (55787), Seq: 388, Ack: 563,
Len: 81
[Reassembled TCP Segments (468 bytes): #26(387), #28(81)]
Hypertext Transfer Protocol
Line-based text data: text/html

Difference between request and reply = 528735 micro seconds

3. Due to proxy my ip is shown as ip given by router = 192.168.1.128
 Due to proxy  internet address of gaia.cs.umass.edu is not shown but ip of proxy is shown = 192.168.0.52

4.
Request:
No.     Time            Source              Destination         Protocol Info
    22 09:06:12.017070 192.168.1.128       192.168.0.52         HTTP    GET http://gaia.cs.umass.edu/
wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1

Frame 22 (628 bytes on wire, 628 bytes captured)
Ethernet II, Src: IntelCor_c9:cc:96 (00:1c:bf:c9:cc:96), Dst: Cisco-Li_aa:2a:64 (68:7f:74:aa:2a:64)
Internet Protocol, Src: 192.168.1.128 (192.168.1.128), Dst: 192.168.0.52 (192.168.0.52)
Transmission Control Protocol, Src Port: 55787 (55787), Dst Port: ndl-aas (3128), Seq: 1, Ack: 1, Len: 562
Hypertext Transfer Protocol

Response:
No.     Time            Source              Destination         Protocol Info
    28 09:06:12.545805 192.168.0.52        192.168.1.128        HTTP    HTTP/1.0 200 OK  (text/html)

Frame 28 (147 bytes on wire, 147 bytes captured)
Ethernet II, Src: Cisco-Li_aa:2a:64 (68:7f:74:aa:2a:64), Dst: IntelCor_c9:cc:96 (00:1c:bf:c9:cc:96)
Internet Protocol, Src: 192.168.0.52 (192.168.0.52), Dst: 192.168.1.128 (192.168.1.128)
Transmission Control Protocol, Src Port: ndl-aas (3128), Dst Port: 55787 (55787), Seq: 388, Ack: 563,
Len: 81
[Reassembled TCP Segments (468 bytes): #26(387), #28(81)]

Hypertext Transfer Protocol
Line-based text data: text/html