

ASSIGNMENT-2

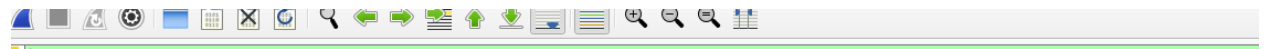
Do a website access for ieee xplore

1. What version of HTTP is the server running?

4638	58.623831811	117.18.237.29	192.168.214.130	OCSP	853	Response
5849	117.843535504	192.168.214.130	173.222.30.171	HTTP	1475	GET /content/ieee-org/en/error/404.html/ HTTP/1.1
5868	118.079930028	192.168.214.130	117.18.237.29	OCSP	425	Request
5870	118.121895181	173.222.30.171	192.168.214.130	HTTP	251	HTTP/1.1 302 Moved Temporarily
5872	118.123870679	117.18.237.29	192.168.214.130	OCSP	853	Response
5921	118.690291228	192.168.214.130	151.101.154.133	OCSP	439	Request
5925	118.724432752	151.101.154.133	192.168.214.130	OCSP	809	Response
5981	119.616038074	192.168.214.130	117.18.237.29	OCSP	425	Request
5988	119.648290595	117.18.237.29	192.168.214.130	OCSP	853	Response
6045	120.326427043	192.168.214.130	117.18.237.29	OCSP	427	Request
6047	120.360680151	117.18.237.29	192.168.214.130	OCSP	853	Response

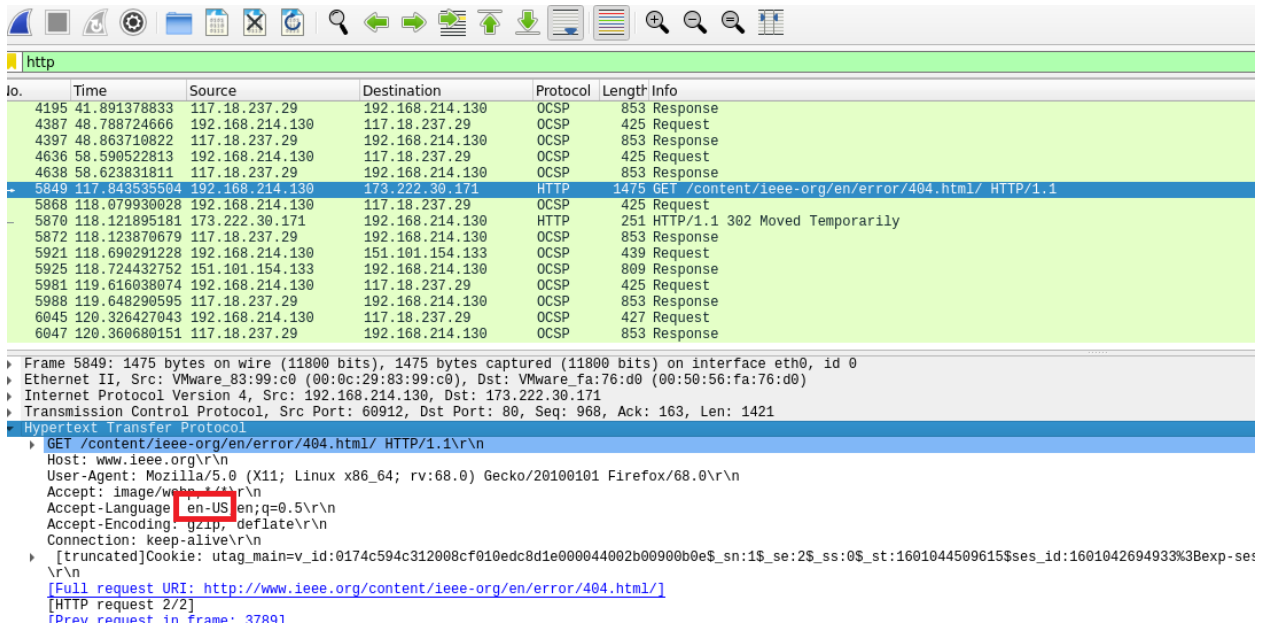
Frame 5849: 1475 bytes on wire (11800 bits), 1475 bytes captured (11800 bits) on interface eth0, id 0
Ethernet II, Src: VMware_83:99:c0 (00:0c:29:83:99:c0), Dst: VMware_fa:76:d0 (00:50:56:fa:76:d0)
Internet Protocol Version 4, Src: 192.168.214.130, Dst: 173.222.30.171
Transmission Control Protocol, Src Port: 60912, Dst Port: 80, Seq: 968, Ack: 163, Len: 1421
Hypertext Transfer Protocol
GET /content/ieee-org/en/error/404.html/ HTTP/1.1\r\n
Host: www.ieee.org\r\n
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:68.0) Gecko/20100101 Firefox/68.0\r\n
Accept: image/webp,*/*\r\n
Accept-Language: en-US,en;q=0.5\r\n
Accept-Encoding: gzip, deflate\r\n
Connection: keep-alive\r\n
[truncated]Cookie: utag_main=v_id:0174c594c312008cf010edc8d1e000044002b00900b0e\$sn:1\$se:2\$ss:0\$st:1601044509615\$ses_id:160\r\n
[Full request URI: http://www.ieee.org/content/ieee-org/en/error/404.html/]
[HTTP request 2/2]
[Prev request in frame: 3789]

2. What version is the client(browser) running?

						
http						
Io.	Time	Source	Destination	Protocol	Length	Info
4195	41.891378833	117.18.237.29	192.168.214.130	OCSP	853	Response
4387	48.788724666	192.168.214.130	117.18.237.29	OCSP	425	Request
4397	48.863710822	117.18.237.29	192.168.214.130	OCSP	853	Response
4636	58.590522813	192.168.214.130	117.18.237.29	OCSP	425	Request
4638	58.623831811	117.18.237.29	192.168.214.130	OCSP	853	Response
5849	117.843535504	192.168.214.130	173.222.30.171	HTTP	1475	GET /content/ieee-org/en/error/404.html/ HTTP/1.1
5868	118.079930028	192.168.214.130	117.18.237.29	OCSP	425	Request
5870	118.121895181	173.222.30.171	192.168.214.130	HTTP	251	HTTP/1.1 302 Moved Temporarily
5872	118.123870679	117.18.237.29	192.168.214.130	OCSP	853	Response
5921	118.690291228	192.168.214.130	151.101.154.133	OCSP	439	Request
5925	118.724432752	151.101.154.133	192.168.214.130	OCSP	809	Response
5981	119.616038074	192.168.214.130	117.18.237.29	OCSP	425	Request
5988	119.648290595	117.18.237.29	192.168.214.130	OCSP	853	Response
6045	120.326427043	192.168.214.130	117.18.237.29	OCSP	427	Request
6047	120.360680151	117.18.237.29	192.168.214.130	OCSP	853	Response

Frame 5849: 1475 bytes on wire (11800 bits), 1475 bytes captured (11800 bits) on interface eth0, id 0
Ethernet II, Src: VMware_83:99:c0 (00:0c:29:83:99:c0), Dst: VMware_fa:76:d0 (00:50:56:fa:76:d0)
Internet Protocol Version 4, Src: 192.168.214.130, Dst: 173.222.30.171
Transmission Control Protocol, Src Port: 60912, Dst Port: 80, Seq: 968, Ack: 163, Len: 1421
Hypertext Transfer Protocol
GET /content/ieee-org/en/error/404.html/ HTTP/1.1\r\n
Host: www.ieee.org\r\n
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:68.0) Gecko/20100101 Firefox/68.0\r\n
Accept: image/webp,*/*\r\n
Accept-Language: en-US,en;q=0.5\r\n
Accept-Encoding: gzip, deflate\r\n
Connection: keep-alive\r\n
[truncated]Cookie: utag_main=v_id:0174c594c312008cf010edc8d1e000044002b00900b0e\$sn:1\$se:2\$ss:0\$st:1601044509615\$ses_id:1601042694933\$Bexp-session\$\r\n
[Full request URI: http://www.ieee.org/content/ieee-org/en/error/404.html/]
[HTTP request 2/2]
[Prev request in frame: 3789]

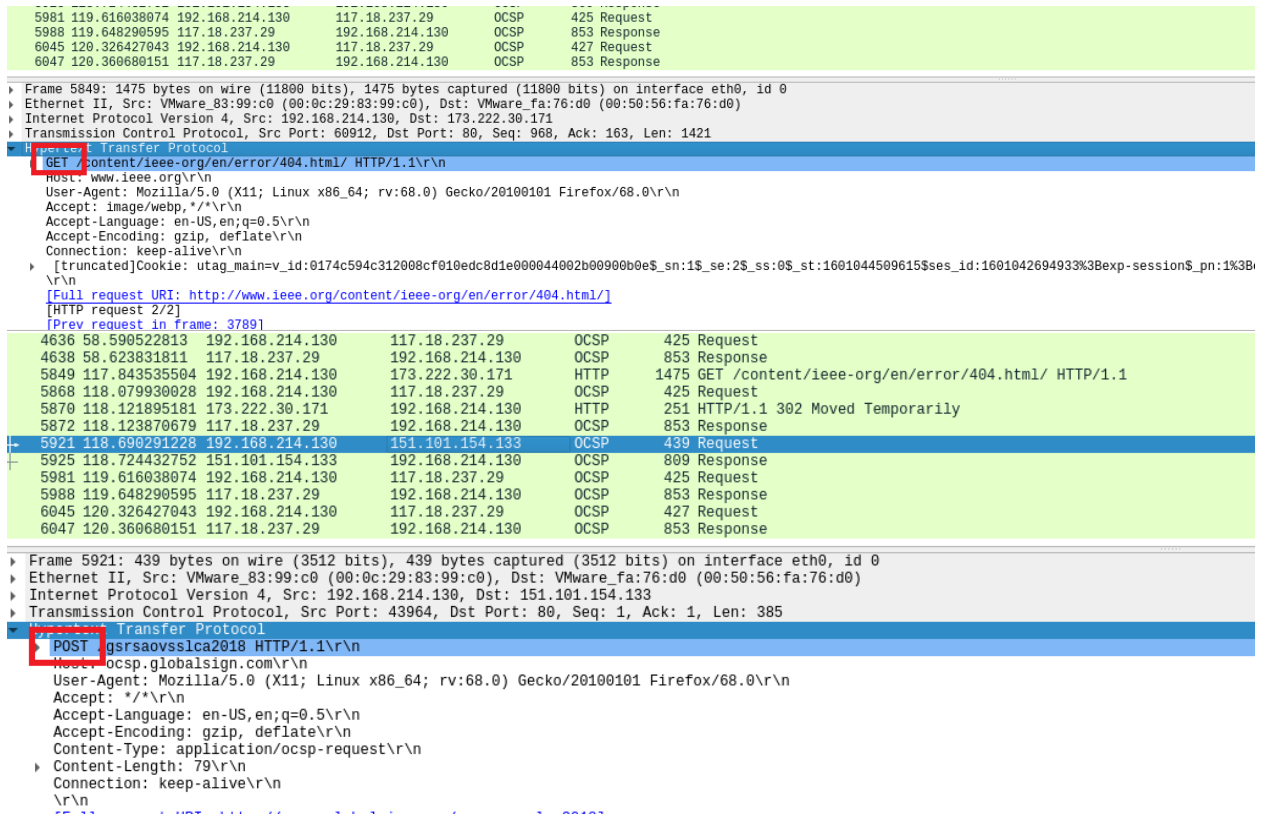
3. What are the languages the browser says it can accept?



No.	Time	Source	Destination	Protocol	Length	Info
4195	41.891378833	117.18.237.29	192.168.214.130	OCSP	853	Response
4387	48.788724666	192.168.214.130	117.18.237.29	OCSP	425	Request
4397	48.863710822	117.18.237.29	192.168.214.130	OCSP	853	Response
4636	58.590522813	192.168.214.130	117.18.237.29	OCSP	425	Request
4638	58.623831811	117.18.237.29	192.168.214.130	OCSP	853	Response
5849	117.843535504	192.168.214.130	173.222.30.171	HTTP	1475	GET /content/ieee-org/en/error/404.html/ HTTP/1.1
5868	118.079939028	192.168.214.130	117.18.237.29	OCSP	425	Request
5870	118.121895181	173.222.30.171	192.168.214.130	HTTP	251	HTTP/1.1 302 Moved Temporarily
5872	118.123870679	117.18.237.29	192.168.214.130	OCSP	853	Response
5921	118.690291228	192.168.214.130	151.101.154.133	OCSP	439	Request
5925	118.724432752	151.101.154.133	192.168.214.130	OCSP	809	Response
5981	119.616038074	192.168.214.130	117.18.237.29	OCSP	425	Request
5988	119.648290595	117.18.237.29	192.168.214.130	OCSP	853	Response
6045	120.326427043	192.168.214.130	117.18.237.29	OCSP	427	Request
6047	120.360680151	117.18.237.29	192.168.214.130	OCSP	853	Response

Frame 5849: 1475 bytes on wire (11800 bits), 1475 bytes captured (11800 bits) on interface eth0, id 0
Ethernet II, Src: VMware_83:99:c0 (00:0c:29:83:99:c0), Dst: VMware_fa:76:d0 (00:50:56:fa:76:d0)
Internet Protocol Version 4, Src: 192.168.214.130, Dst: 173.222.30.171
Transmission Control Protocol, Src Port: 60912, Dst Port: 80, Seq: 968, Ack: 163, Len: 1421
Hypertext Transfer Protocol
GET /content/ieee-org/en/error/404.html/ HTTP/1.1\r\nHost: www.ieee.org\r\nUser-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:68.0) Gecko/20100101 Firefox/68.0\r\nAccept: image/webp,*/*\r\nAccept-Language: en-US,en;q=0.5\r\nAccept-Encoding: gzip, deflate\r\nConnection: keep-alive\r\nCookie: utag_main=v_id:0174c594c312008cf010edc8d1e00044002b00900b0e\$sn:1\$se:2\$ss:0\$st:1601044509615\$ses_id:1601042694933\$3Bexp-se\r\n\r\n[Full request URI: http://www.ieee.org/content/ieee-org/en/error/404.html/]
[HTTP request 2/2]
[Prev request in frame: 3789]

4. What client and server identifications are available?



No.	Time	Source	Destination	Protocol	Length	Info
5981	119.616038074	192.168.214.130	117.18.237.29	OCSP	425	Request
5988	119.648290595	117.18.237.29	192.168.214.130	OCSP	853	Response
6045	120.326427043	192.168.214.130	117.18.237.29	OCSP	427	Request
6047	120.360680151	117.18.237.29	192.168.214.130	OCSP	853	Response

Frame 5849: 1475 bytes on wire (11800 bits), 1475 bytes captured (11800 bits) on interface eth0, id 0
Ethernet II, Src: VMware_83:99:c0 (00:0c:29:83:99:c0), Dst: VMware_fa:76:d0 (00:50:56:fa:76:d0)
Internet Protocol Version 4, Src: 192.168.214.130, Dst: 173.222.30.171
Transmission Control Protocol, Src Port: 60912, Dst Port: 80, Seq: 968, Ack: 163, Len: 1421
Hypertext Transfer Protocol
GET /content/ieee-org/en/error/404.html/ HTTP/1.1\r\nHost: www.ieee.org\r\nUser-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:68.0) Gecko/20100101 Firefox/68.0\r\nAccept: image/webp,*/*\r\nAccept-Language: en-US,en;q=0.5\r\nAccept-Encoding: gzip, deflate\r\nConnection: keep-alive\r\nCookie: utag_main=v_id:0174c594c312008cf010edc8d1e00044002b00900b0e\$sn:1\$se:2\$ss:0\$st:1601044509615\$ses_id:1601042694933\$3Bexp-session\$pn:1\$3B\r\n\r\n[Full request URI: http://www.ieee.org/content/ieee-org/en/error/404.html/]
[HTTP request 2/2]
[Prev request in frame: 3789]

No.	Time	Source	Destination	Protocol	Length	Info
4636	58.590522813	192.168.214.130	117.18.237.29	OCSP	425	Request
4638	58.623831811	117.18.237.29	192.168.214.130	OCSP	853	Response
5849	117.843535504	192.168.214.130	173.222.30.171	HTTP	1475	GET /content/ieee-org/en/error/404.html/ HTTP/1.1
5868	118.079939028	192.168.214.130	117.18.237.29	OCSP	425	Request
5870	118.121895181	173.222.30.171	192.168.214.130	HTTP	251	HTTP/1.1 302 Moved Temporarily
5872	118.123870679	117.18.237.29	192.168.214.130	OCSP	853	Response
5921	118.690291228	192.168.214.130	151.101.154.133	OCSP	439	Request
5925	118.724432752	151.101.154.133	192.168.214.130	OCSP	809	Response
5981	119.616038074	192.168.214.130	117.18.237.29	OCSP	425	Request
5988	119.648290595	117.18.237.29	192.168.214.130	OCSP	853	Response
6045	120.326427043	192.168.214.130	117.18.237.29	OCSP	427	Request
6047	120.360680151	117.18.237.29	192.168.214.130	OCSP	853	Response

Frame 5921: 439 bytes on wire (3512 bits), 439 bytes captured (3512 bits) on interface eth0, id 0
Ethernet II, Src: VMware_83:99:c0 (00:0c:29:83:99:c0), Dst: VMware_fa:76:d0 (00:50:56:fa:76:d0)
Internet Protocol Version 4, Src: 192.168.214.130, Dst: 151.101.154.133
Transmission Control Protocol, Src Port: 43964, Dst Port: 80, Seq: 1, Ack: 1, Len: 385
Hypertext Transfer Protocol
POST /gsrsaovsslca2018 HTTP/1.1\r\nHost: ocspp.globalisign.com\r\nUser-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:68.0) Gecko/20100101 Firefox/68.0\r\nAccept: /*\r\nAccept-Language: en-US,en;q=0.5\r\nAccept-Encoding: gzip, deflate\r\nContent-Type: application/ocsp-request\r\nContent-Length: 79\r\nConnection: keep-alive\r\n\r\n[Full request URI: http://ocspp.globalisign.com/gsr...]
[HTTP request 1/1]
[Prev request in frame: 3789]

5. What is the IP address of your computer? What is the IP address of ieexplore server?

Current workspace: "Workspace 1"

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Source IP Server IP

Io.	Time	Source	Destination	Protocol	Length	Info
4195	41.891378833	117.18.237.29	192.168.214.130	OCSP	853	Response
4387	48.788724666	192.168.214.130	117.18.237.29	OCSP	425	Request
4397	48.863710822	117.18.237.29	192.168.214.130	OCSP	853	Response
4636	58.590522813	192.168.214.130	117.18.237.29	OCSP	425	Request
4638	58.623831811	117.18.237.29	192.168.214.130	OCSP	853	Response
5849	117.843535504	192.168.214.130	173.222.30.171	HTTP	1475	GET /content/ieee-org/en/error/404.html/ HTTP/1.1
5868	118.079930028	192.168.214.130	117.18.237.29	OCSP	425	Request
5870	118.121895181	173.222.30.171	192.168.214.130	HTTP	251	HTTP/1.1 302 Moved Temporarily
5872	118.123870679	117.18.237.29	192.168.214.130	OCSP	853	Response
5921	118.690291228	192.168.214.130	151.101.154.133	OCSP	439	Request
5925	118.724432752	151.101.154.133	192.168.214.130	OCSP	809	Response
5981	119.616038074	192.168.214.130	117.18.237.29	OCSP	425	Request
5988	119.648290595	117.18.237.29	192.168.214.130	OCSP	853	Response
6045	120.326427043	192.168.214.130	117.18.237.29	OCSP	427	Request
6047	120.360680151	117.18.237.29	192.168.214.130	OCSP	853	Response

Frame 5849: 1475 bytes on wire (11800 bits), 1475 bytes captured (11800 bits) on interface eth0, id 0

6. What are the return status codes obtained from the server?

4638	58.623831811	117.18.237.29	192.168.214.130	OCSP	853	Response
5849	117.843535504	192.168.214.130	173.222.30.171	HTTP	1475	GET /content/ieee-org/en/error/404.html/ HTTP/1.1
5868	118.079930028	192.168.214.130	117.18.237.29	OCSP	425	Request
5870	118.121895181	173.222.30.171	192.168.214.130	HTTP	251	HTTP/1.1 302 Moved Temporarily
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5921	118.690291228	192.168.214.130	151.101.154.133	OCSP	439	Request
5925	118.724432752	151.101.154.133	192.168.214.130	OCSP	809	Response
5981	119.616038074	192.168.214.130	117.18.237.29	OCSP	425	Request
5988	119.648290595	117.18.237.29	192.168.214.130	OCSP	853	Response
6045	120.326427043	192.168.214.130	117.18.237.29	OCSP	427	Request
6047	120.360680151	117.18.237.29	192.168.214.130	OCSP	853	Response

Frame 5872: 853 bytes on wire (6824 bits), 853 bytes captured (6824 bits) on interface eth0, id 0

Ethernet II, Src: VMware_fa:76:d0 (00:50:56:fa:76:d0), Dst: VMware_83:99:c0 (00:0c:29:83:99:c0)

Internet Protocol Version 4, Src: 117.18.237.29, Dst: 192.168.214.130

Transmission Control Protocol, Src Port: 80, Dst Port: 55902, Seq: 4795, Ack: 2598, Len: 799

Hypertext Transfer Protocol

HTTP/1.1 200 OK\r\n

Accept-Ranges: bytes\r\n

Age: 6349\r\n

Cache-Control: max-age=111260\r\n

Content-Type: application/ocsp-response\r\n

Date: Fri, 25 Sep 2020 14:06:29 GMT\r\n

Etag: "5f6cf035-1d7"\r\n

Expires: Sat, 26 Sep 2020 21:00:49 GMT\r\n

Last-Modified: Thu, 24 Sep 2020 19:15:01 GMT\r\n

Server: ECS (nag/99A4)\r\n

Submitted by:
D V Guru Saran
Roll No:AM.EN.P2CSN20010