GSI023 – Redes de Computadores

Wireshark Lab - HTTP

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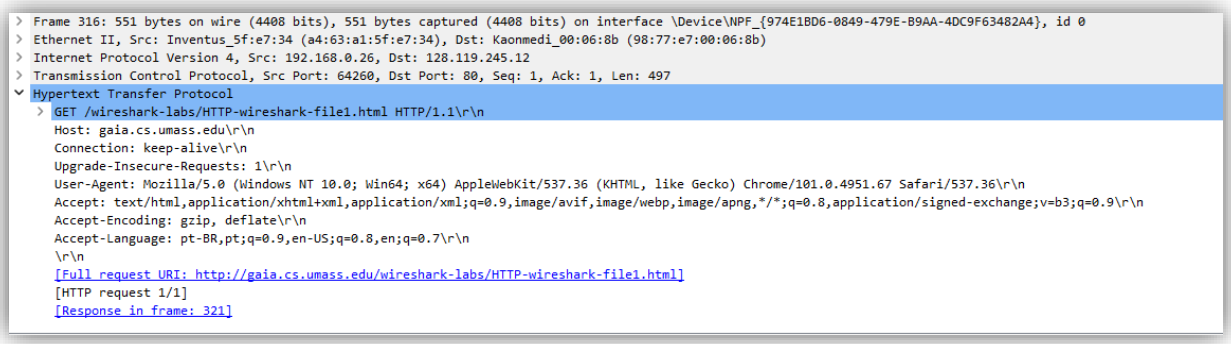
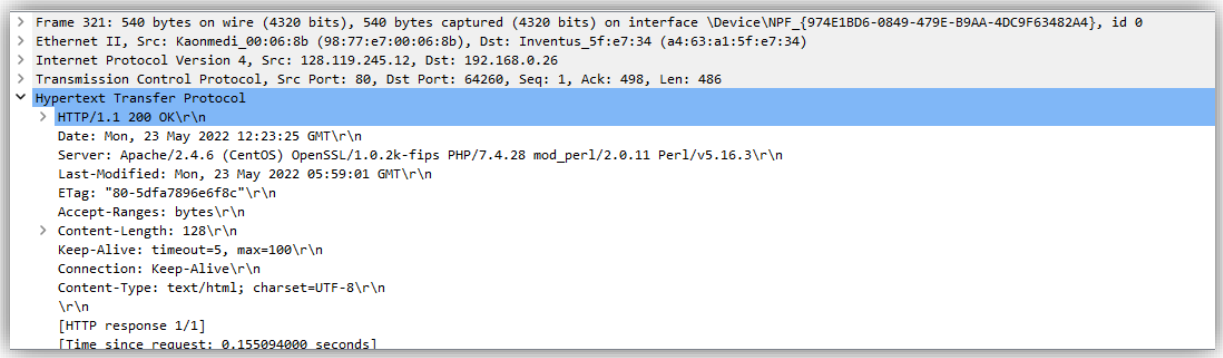
**1. Is your browser running HTTP version 1.0 or 1.1? What version of HTTP is the server running?**

O cliente está usando a versão 1.1 do protocolo HTTP.

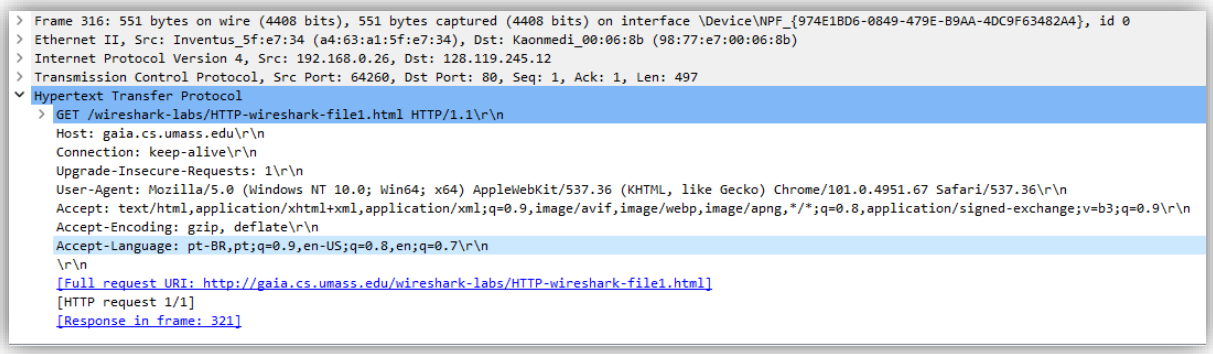



O servidor também usa essa versão.



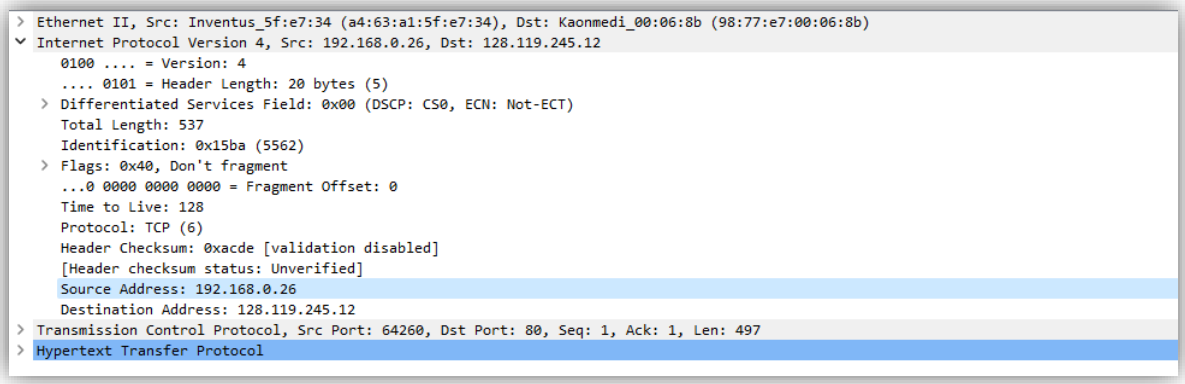

**2. What languages (if any) does your browser indicate that it can accept to the server?**

As línguas aceitas são: português e inglês.

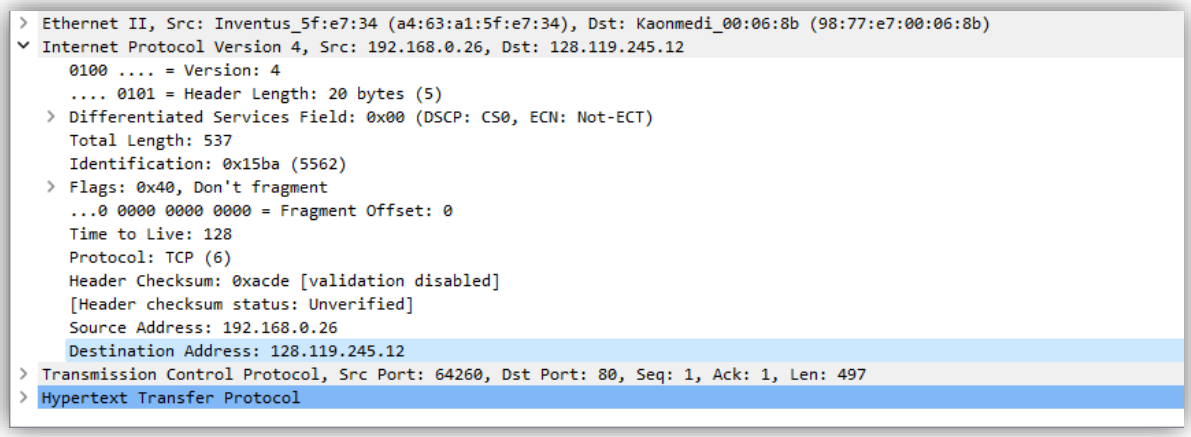


**3. What is the IP address of your computer? Of the gaia.cs.umass.edu server?**

O endereço IP do computador é: 192.168.0.26

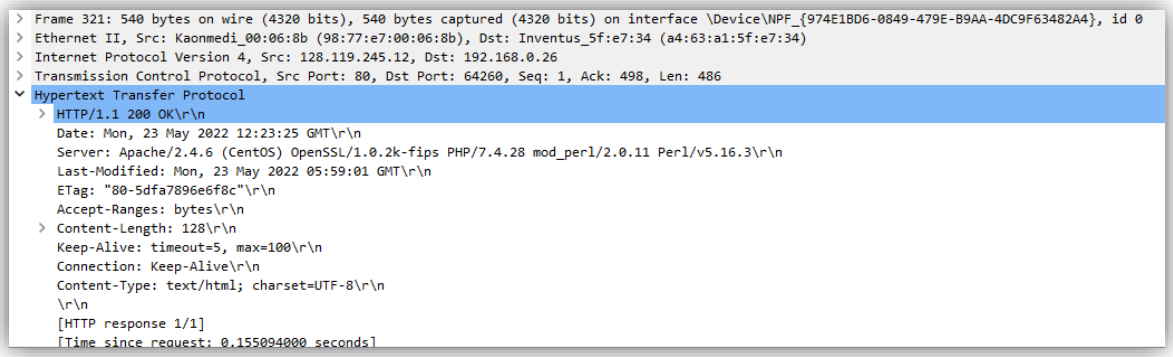



O endereço de gaia.cs.umass.edu server é 128.119.245.12



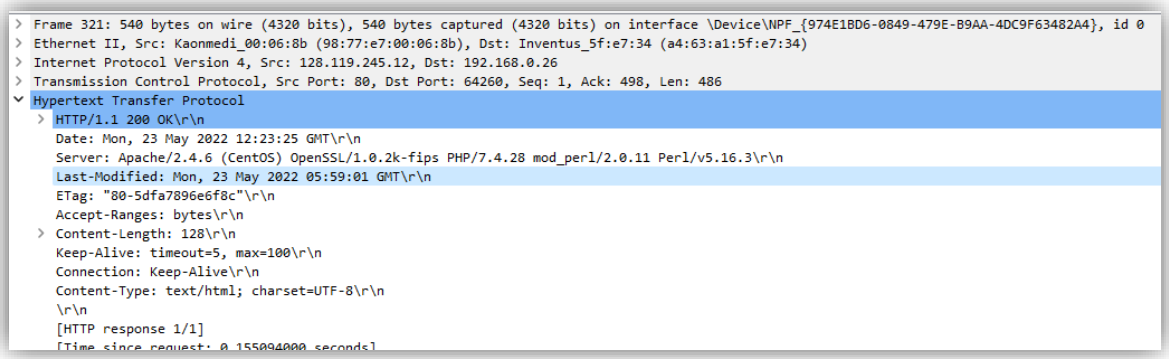

**4. What is the status code returned from the server to your browser?**

O código de status devolvido pelo servidor é 200.



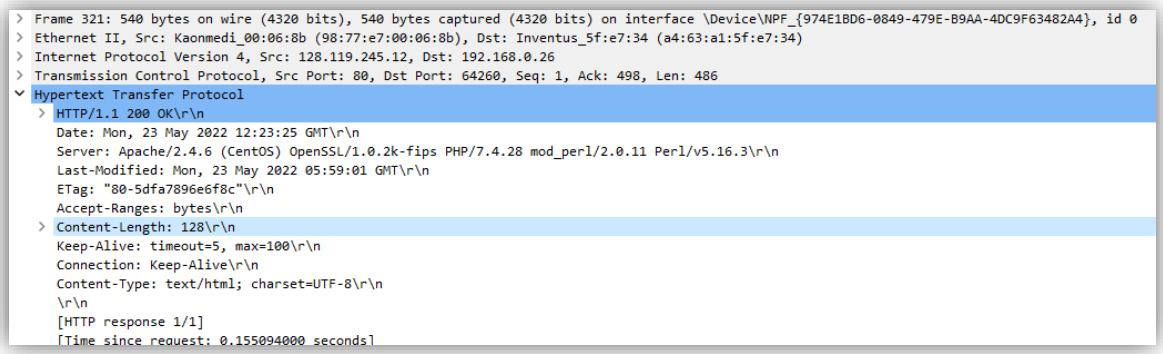

**5. When was the HTML file that you are retrieving last modified at the server?**

O documento foi modificado pela última vez em 23 de maio de 2022.




**6. How many bytes of content are being returned to your browser?**

128 bytes de conteúdo estão sendo retornados para o browser.

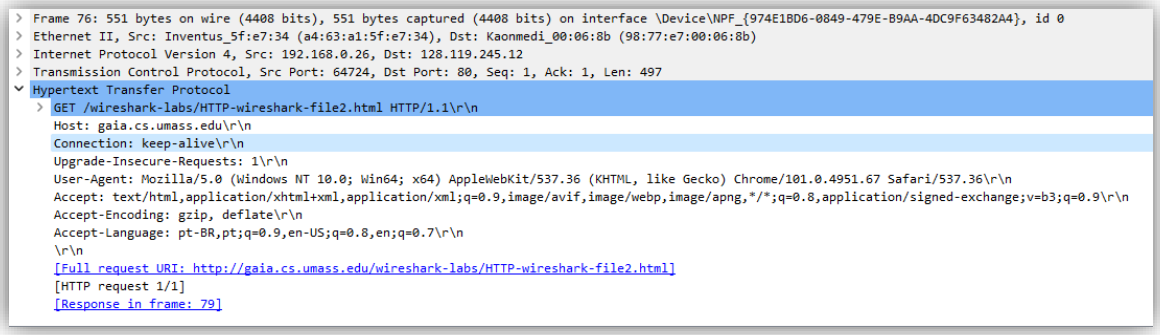



**7. By inspecting the raw data in the packet content window, do you see any headers within the data that are not displayed in the packet-listing window? If so, name one.**

Não, todos os headers são apresentados.

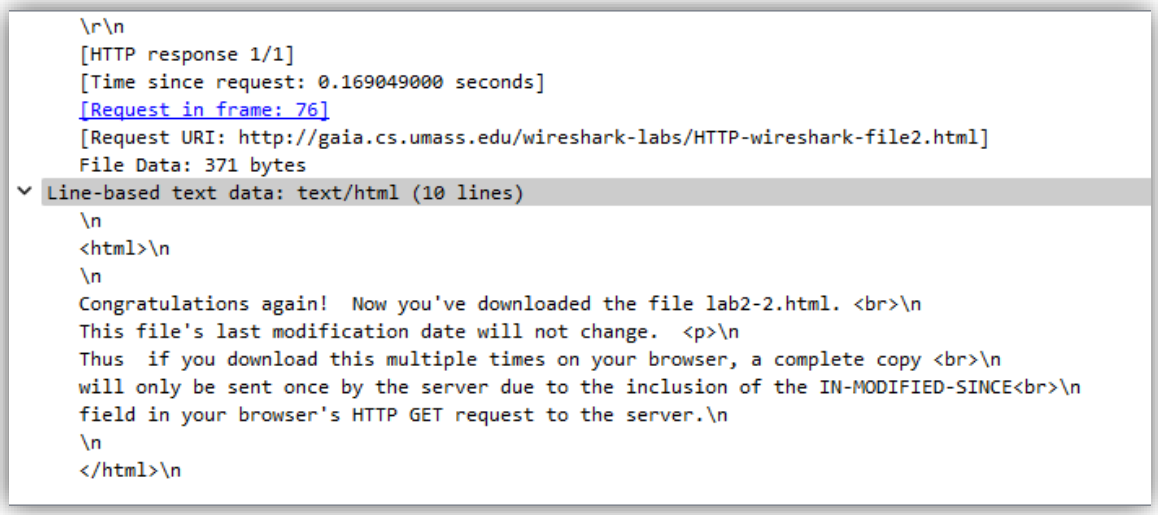
**8. Inspect the contents of the first HTTP GET request from your browser to the server. Do you see an "IF-MODIFIED-SINCE" line in the HTTP GET?**

Não há nenhum IF-MODIFIED-SINCE no primeiro GET.



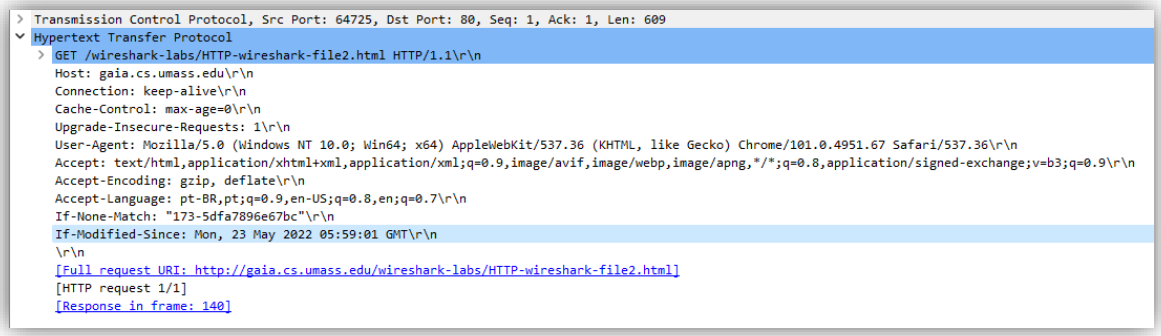
**9. Inspect the contents of the server response. Did the server explicitly return the contents of the file? How can you tell?**

O servidor retorna o texto do arquivo.



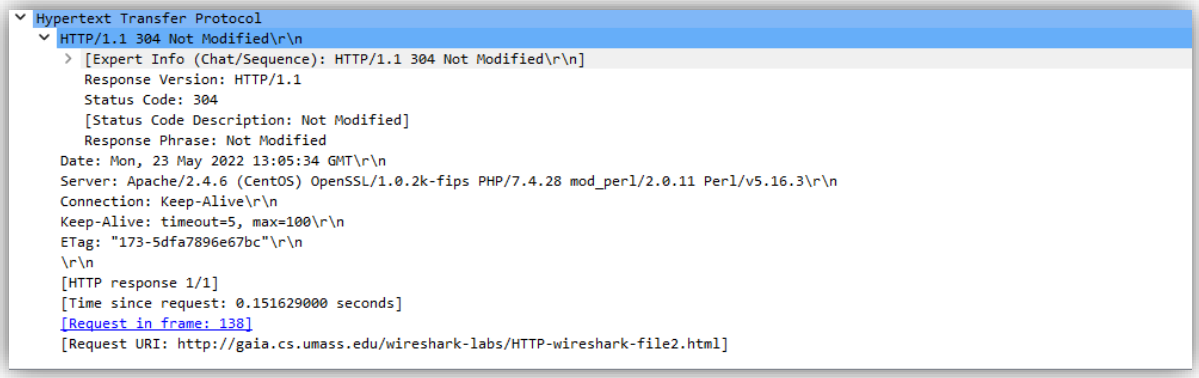

**10. Now inspect the contents of the second HTTP GET request from your browser to the server. Do you see an "IF-MODIFIED-SINCE:" line in the HTTP GET? If so, what information follows the "IF-MODIFIED-SINCE:" header?**

Há o IF-MODIFIED-SINCE nesse request e é seguido pela data e horário da modificação.



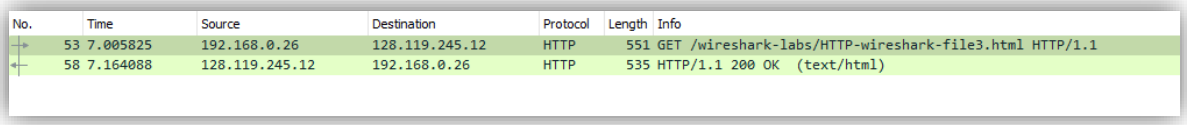

**11. What is the HTTP status code and phrase returned from the server in response to this second HTTP GET? Did the server explicitly return the contents of the file? Explain**

O código de retorno é 304 e o servidor alerta que não houve modificação no arquivo. Portanto, o seu conteúdo não é retornado.



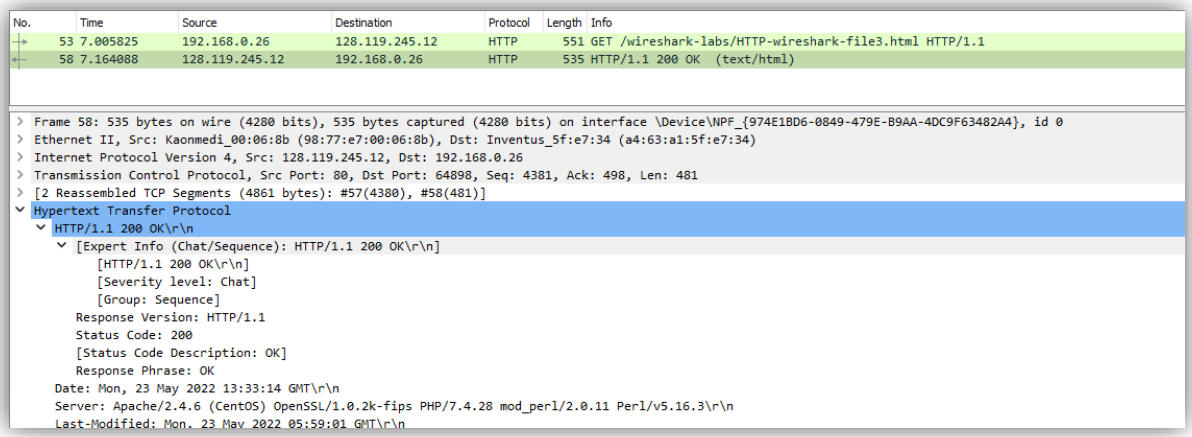

**12. How many HTTP GET request messages did your browser send? Which packet number in the trace contains the GET message for the Bill or Rights?**

Foi enviado 1 HTTP GET request message. E o pacote com a mensagem GET é o 53.




**13. Which packet number in the trace contains the status code and phrase associated with the response to the HTTP GET request?**

O pacote com a reposta para o HTTP GET request é o 58.

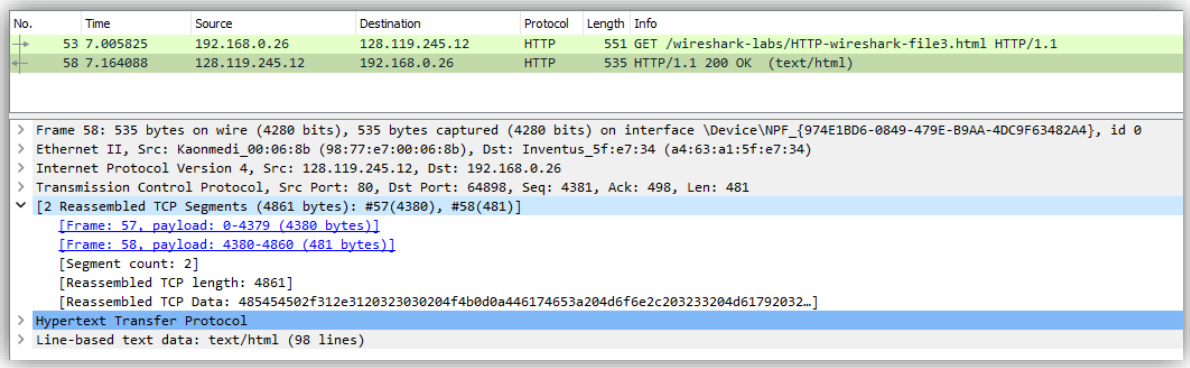



**14. What is the status code and phrase in the response?**

O status é 200 e a resposta OK.

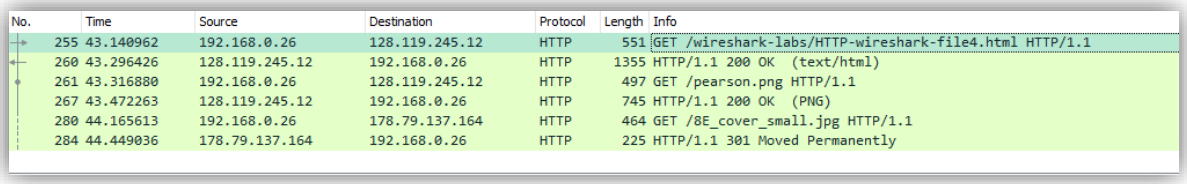
**15. How many data-containing TCP segments were needed to carry the single HTTP response and the text of the Bill of Rights?**

Foram necessários dois segmentos TCP.




**16. How many HTTP GET request messages did your browser send? To which Internet addresses were these GET requests sent?**

Foram enviadas 3 HTTP GET request message. O pacote 255 foi enviado para o endereço 128.119.245.12. O pacote 261 foi enviado para o endereço 128.119.245.12. E o pacote 280 foi enviado para o endereço 178.79.137.164.

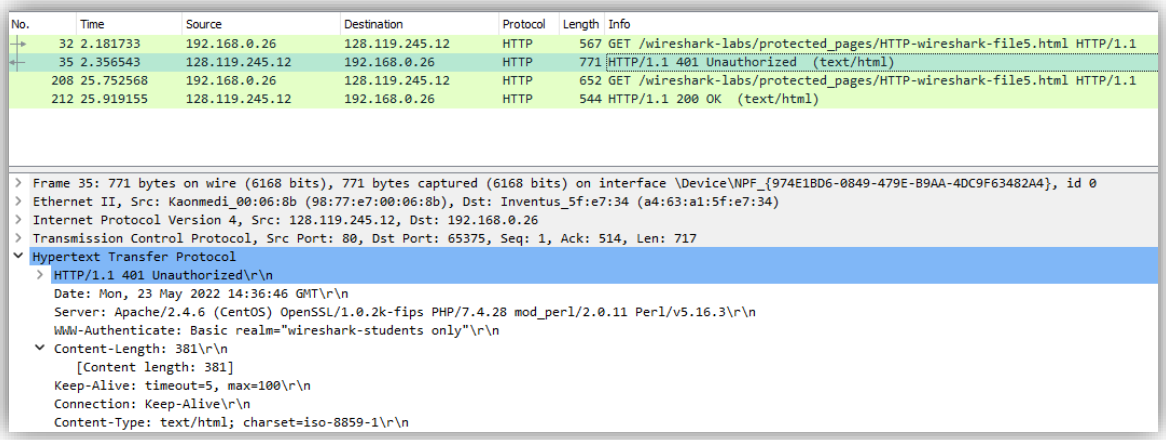



**17. Can you tell whether your browser downloaded the two images serially, or whether they were downloaded from the two web sites in parallel? Explain.**

Paralelo. Observa-se que o request para as imagens foram feitos pelos pacotes 261 e 280, enquanto que a resposta 200 OK está no pacote 255. Portanto, a solicitação pelas imagens foi feita depois da do pacote 255.

**18. What is the server's response (status code and phrase) in response to the initial HTTP GET message from your browser?**

O primeiro HTTP GET request está no pacote 32 e sua resposta está no 35 com o código 401 Unathorized.




**19. When your browser's sends the HTTP GET message for the second time, what new field is included in the HTTP GET message?**

É inserido o campo Authorization: Basic ...