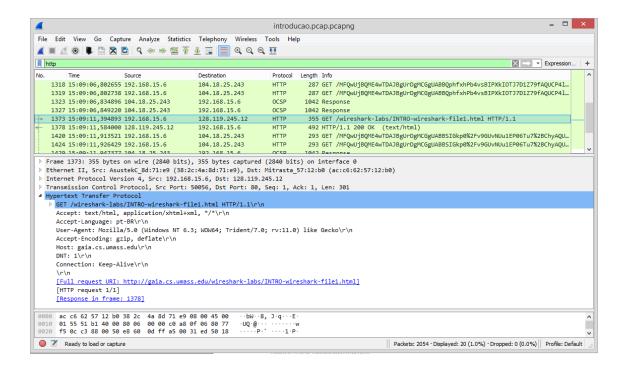
# **Trabalho Wireshark**

### Adhonay Júnior - 504656

#### Wireshark Lab: Iniciando

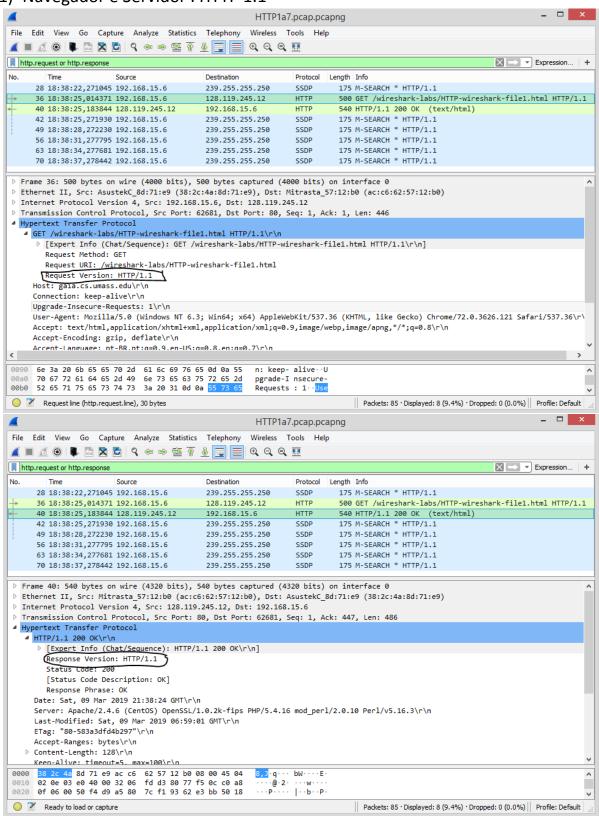
- 1) UDP, ICMPv6, TCP, IGMPv2, DNS, GQUIC, ARP, SSDP, TLSv1.2, NBNS, ICMP.
- 2) 15:09:11,394893 até 15:09:11,584000, 0.189107 segundos
- 3) IP do site gaia.cs.umass.edu: 128.119.245.12, IP da interface: 192.168.15.6

4)

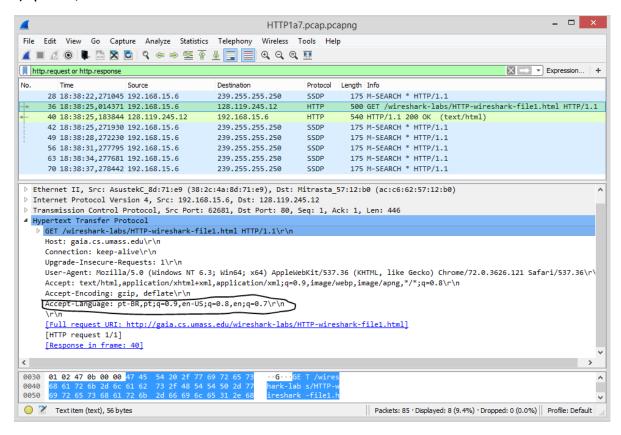


#### Wireshark Lab: HTTP

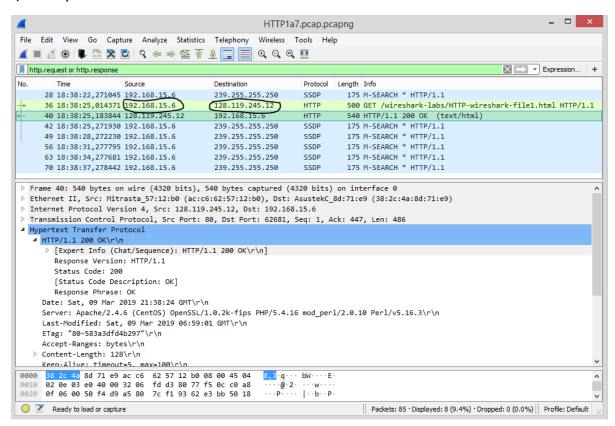
1) Navegador e Servidor: HTTP 1.1



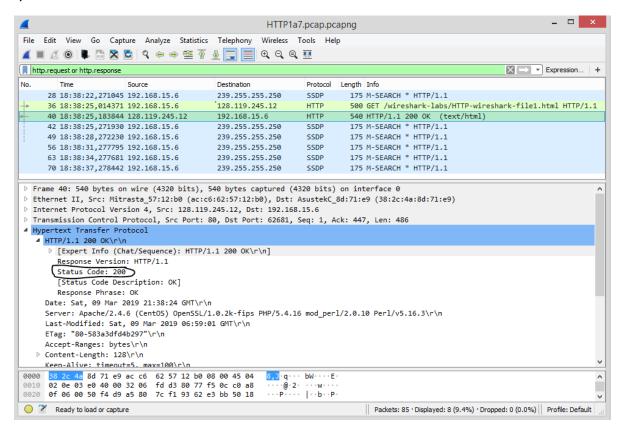
#### 2) pt-BR, en-US



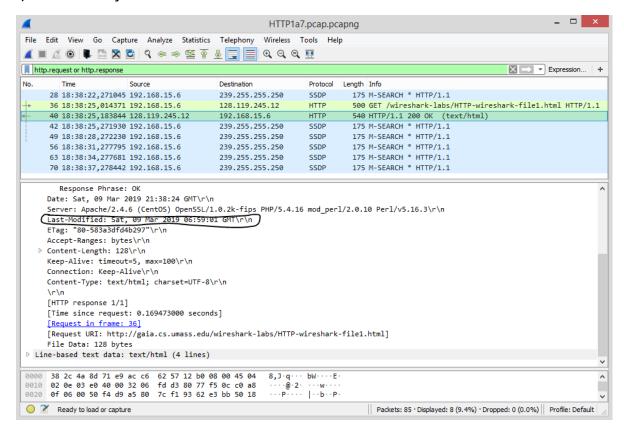
#### 3) Computador: 192.168.15.6 Servidor: 128.119.245.12



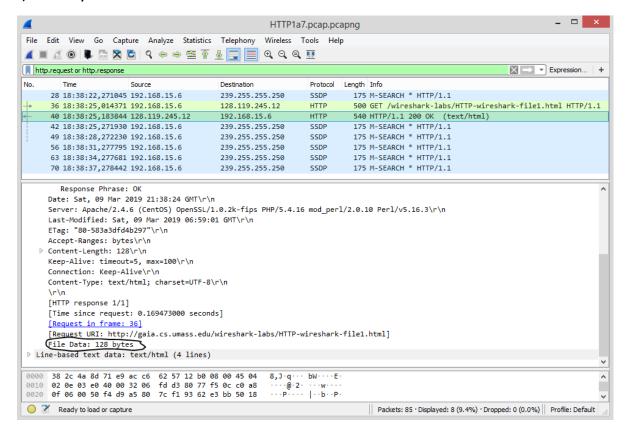
#### 4) 200 OK



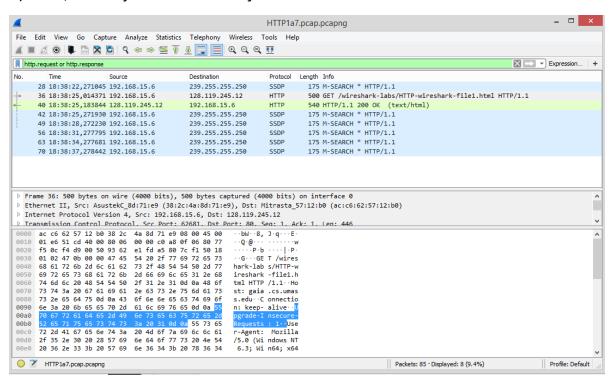
#### 5) 09 de Março de 2019 as 06:59:01 horas



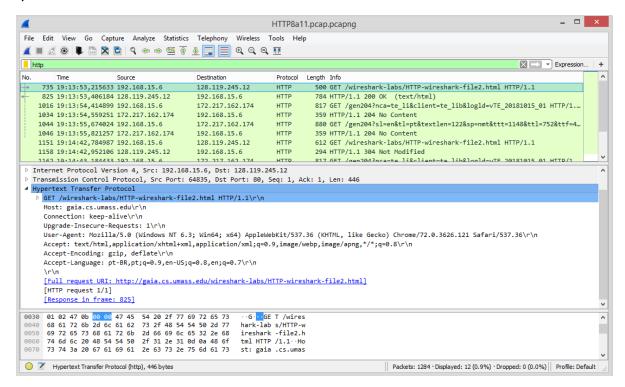
#### 6) 128 Bytes



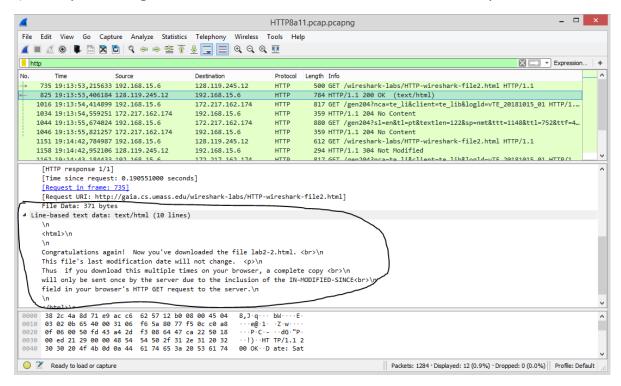
#### 7) Não, não vejo nenhum cabeçalho.



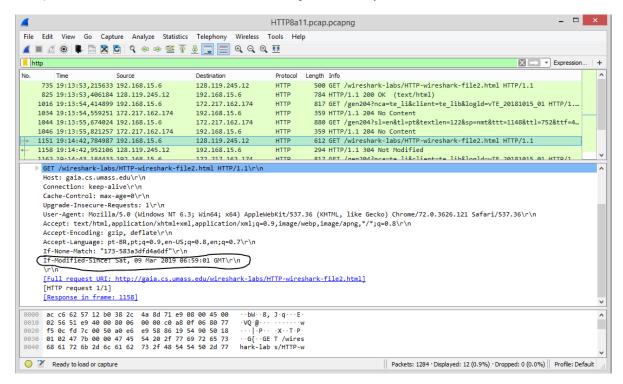
#### 8) Não



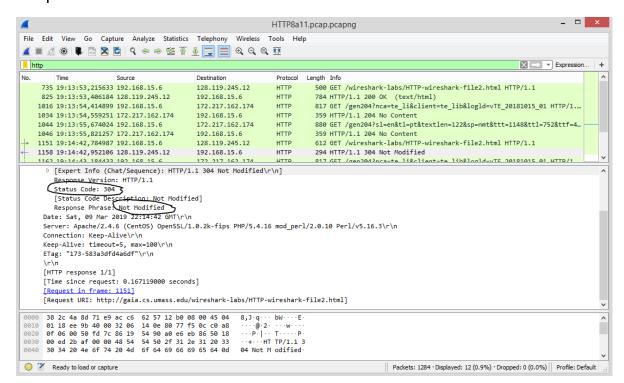
9) Sim, pelo código de retorno 200 com o File Data e o texto equivalente.



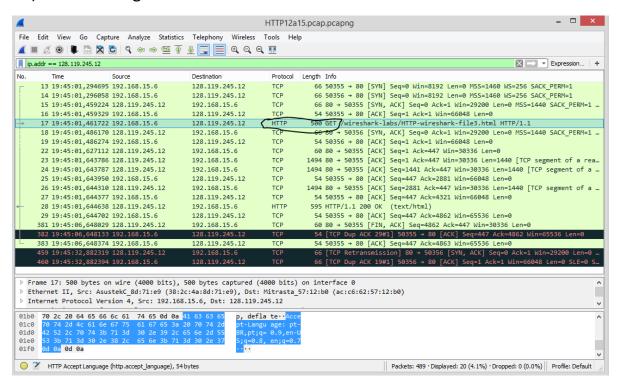
10) Sim, A data da última modificação do arquivo.



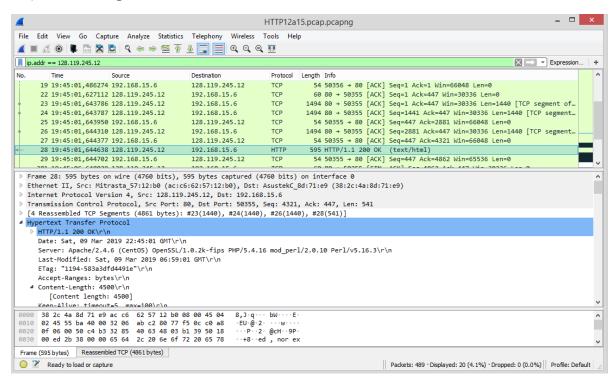
11) 304 Not Modified. Não, devido à inclusão do campo IN-MODIFIED-SINCE na solicitação HTTP GET uma cópia completa será enviada apenas uma vez pelo servidor.



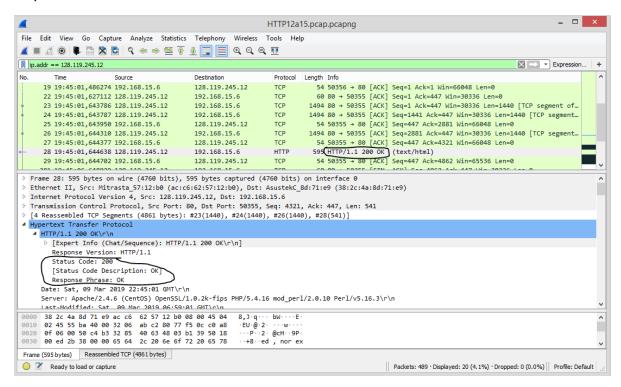
#### 12) Uma Mensagem.



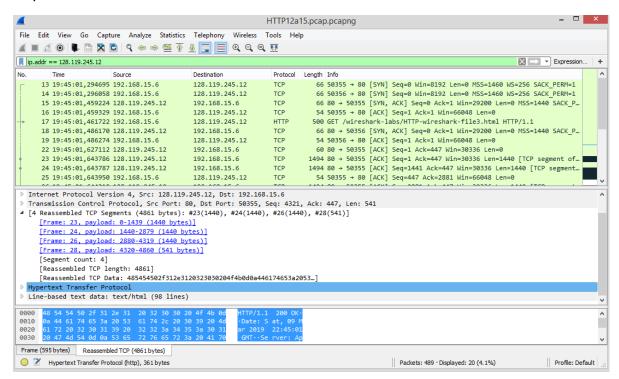
#### 13) Quatro segmentos TCP.



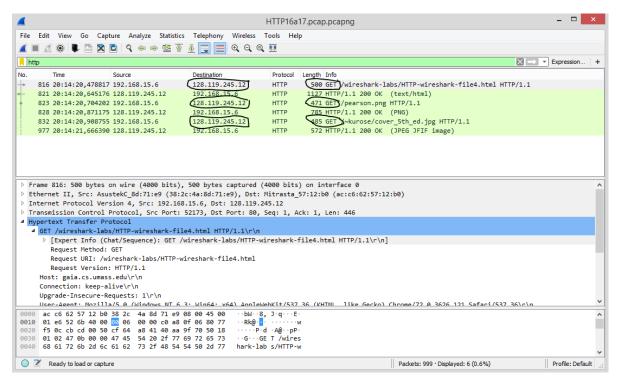
#### 14) 200 OK



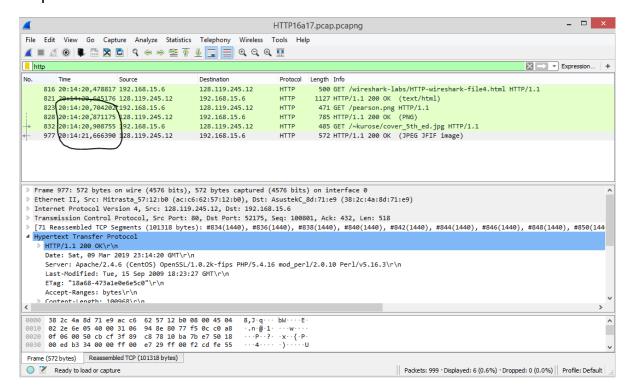
#### 15) Não



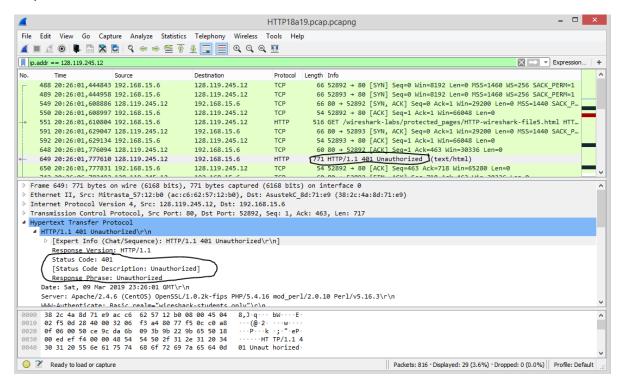
16) Três mensagens GET, os três possuem o mesmo ip de destino: 128.119.245.12 e os hosts: gaia.cs.umass.edu (logomarca e texto) e manic.cs.umass.edu (imagem capa do livro) .



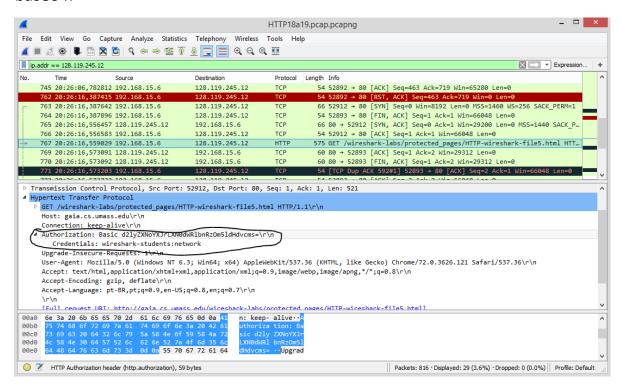
17) Em sequência pelo tempo ser diferentes e o protocolo http 1.1 ser sequencial, o que pode ocorrer são conexões simultâneas paralelizando os request.



#### 18) 401 Unauthorized



## 19) O campo Authorization com o nome e senha do usuário codificados em base64.



#### Wireshark Lab: DNS

1)

```
Microsoft Windows [versão 6.3.9600]
(c) 2013 Microsoft Corporation. Todos os direitos reservados.

D:\Users\l$ync\nslookup asia-co.jp
Servidor: DSL-2401HN-T1C-NU.DSL-2401HN-T1C-NU
Address: 192.168.15.1

Não é resposta autoritativa:
Nome: asia-co.jp
Address: 182.93.122.204

D:\Users\l$ync\_
```

2)

```
Microsoft Windows [versão 6.3.9600]
(c) 2013 Microsoft Corporation. Todos os direitos reservados.

D:\Users\I$ync\nslookup -type=NS cam.ac.uk
Servidor: DSL-2401HN-T1C-NU.DSL-2401HN-T1C-NU
Address: 192.168.15.1

Não é resposta autoritativa:
cam.ac.uk nameserver = ns2.ic.ac.uk
cam.ac.uk nameserver = dns0.eng.cam.ac.uk
cam.ac.uk nameserver = dns0.cl.cam.ac.uk
cam.ac.uk nameserver = sns-pb.isc.org
cam.ac.uk nameserver = sns-pb.isc.org
dns0.eng.cam.ac.uk internet address = 129.169.8.8
sns-pb.isc.org internet address = 192.5.4.1
D:\Users\I$ync>_
```

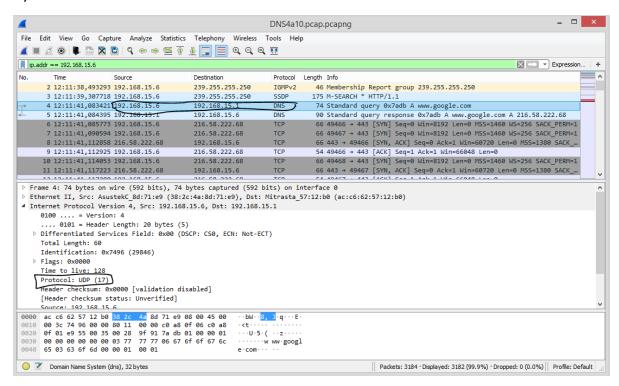
```
Microsoft Windows Luersão 6.3.96001
(c) 2013 Microsoft Corporation. Todos os direitos reservados.

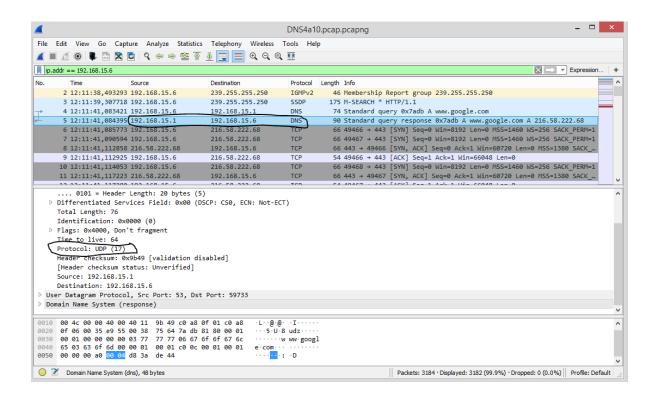
D:\Users\I$ync\nslookup office365.com ns2.ic.ac.uk
Servidor: ns2.ic.ac.uk
Address: 155.198.142.82

*** ns2.ic.ac.uk não encontrou office365.com: Query refused

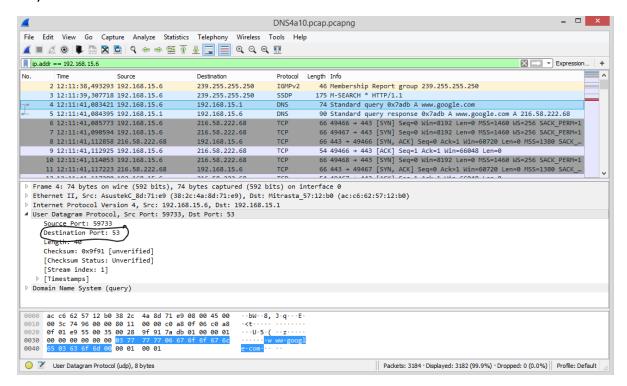
D:\Users\I$ync\_
```

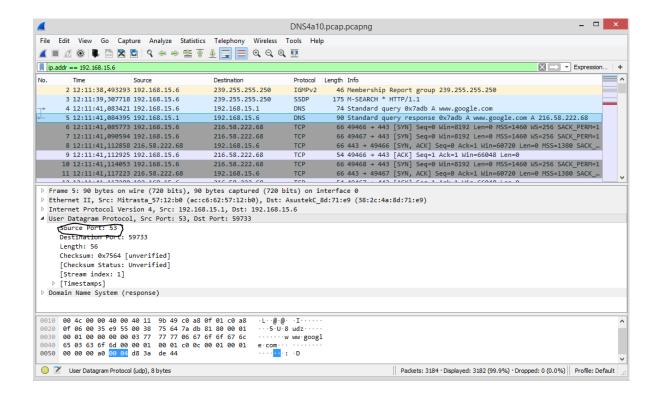
#### 4) Enviadas com UDP.





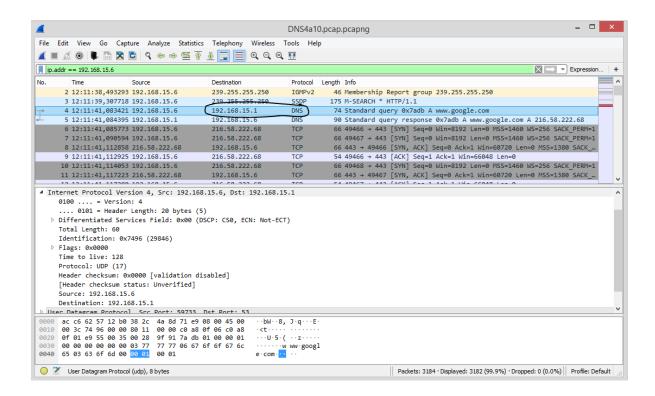
#### 5) Porta 53.



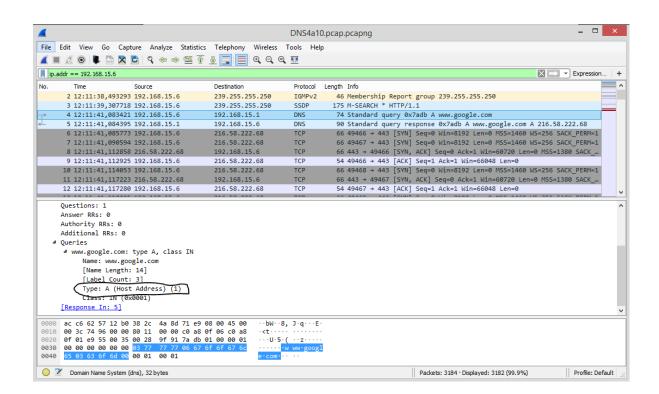


6) 192.168.15.1, sim são os mesmos endereços.

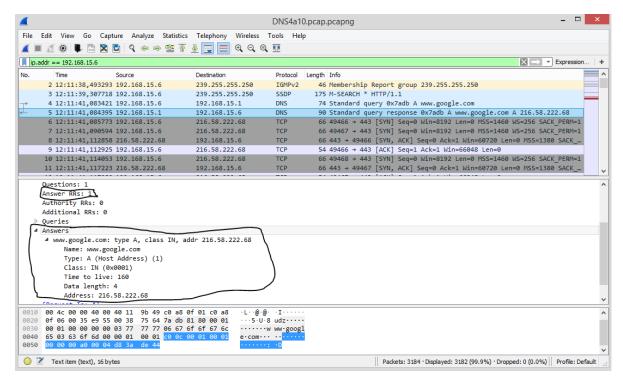
```
C:A.
                          Prompt de Comando
:48:51
Gateway Padrão.
Servidor DHCP .
                                       192.168.15.1
192.168.15.1
192.168.15.1
192.168.15.1
  NetBIOS em Topip. . . .
                                      : Habilitado
Adaptador de túnel isatap.{40A30D78-0AD8-448A-A264-2890F3EE4B8F}:
  : mídia desconectada
  Adaptador do Microsoft ISATAP
00-00-00-00-00-00-00-E0
                                      : Não
: Sim
Adaptador de túnel isatap.{17A4BB6A-4AE4-4C70-9A1C-291C70676248}:
  : mídia desconectada
                                      : Adaptador do Microsoft ISATAP #
  00-00-00-00-00-00-E0
                                        Não
Sim
```



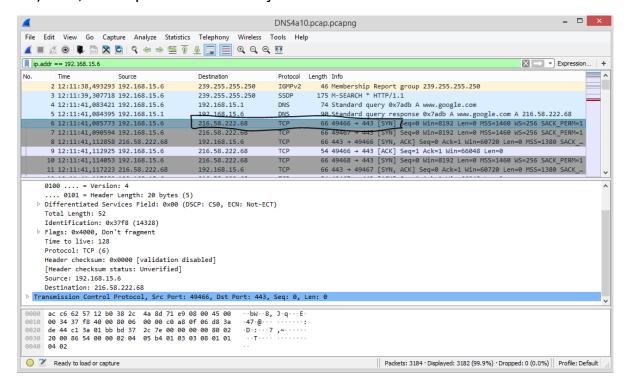
#### 7) Type: A, não contem.



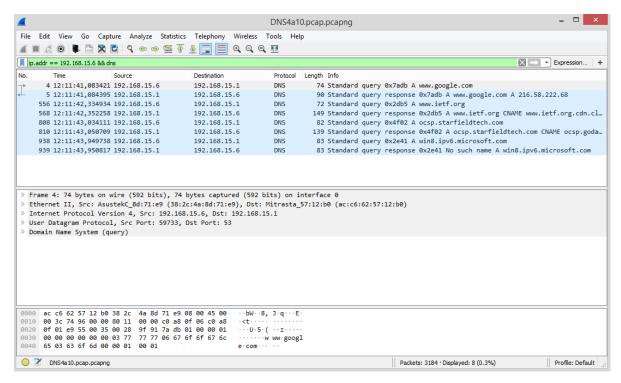
8) Apenas 1. Os dados de resposta do www.google.com.



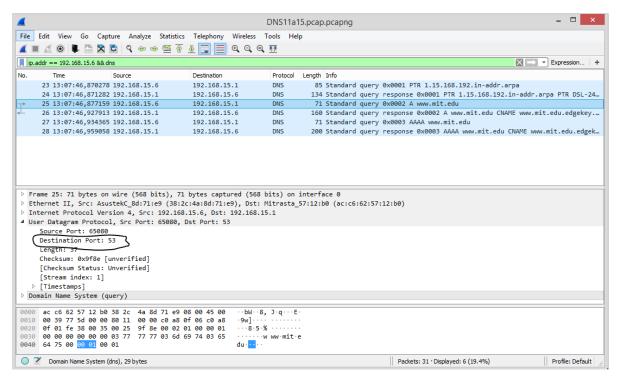
9) Sim, corresponde ao endereço de "Answers".

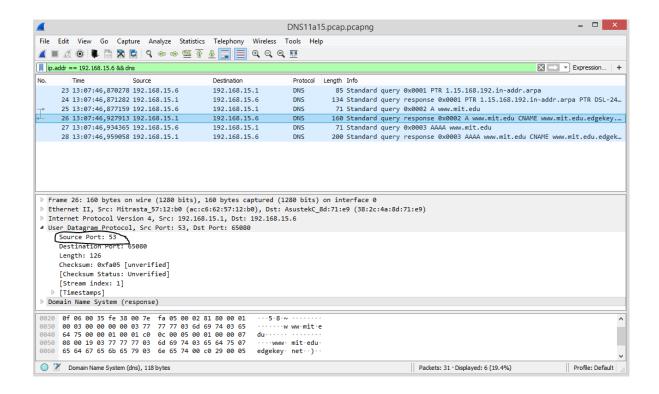


#### 10) Não novas houve consultas

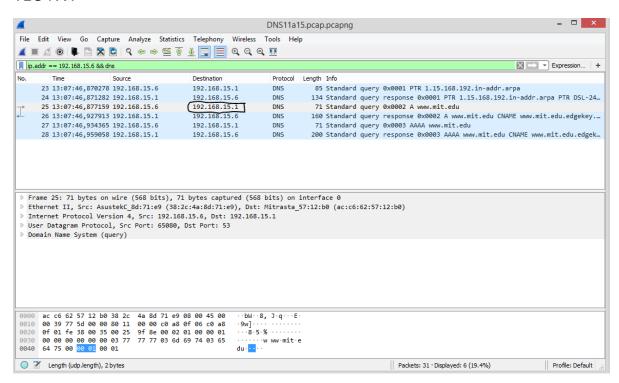


#### 11) Porta 53.

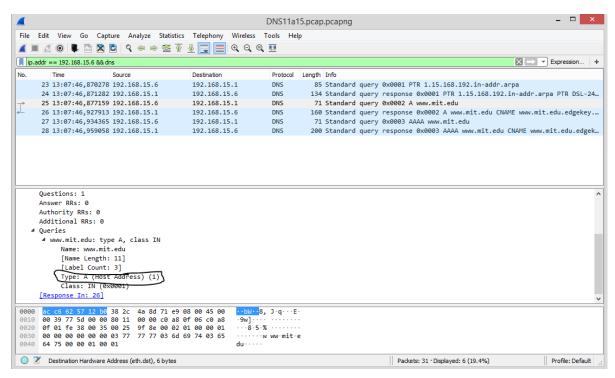




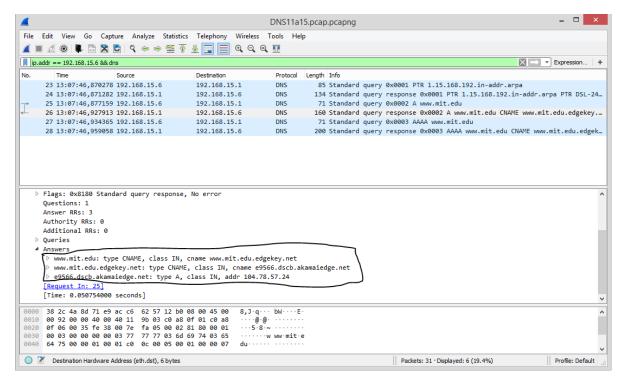
## 12) O IP esta endereçada é 192.168.15.1, endereço do modem DSL-2401HN-T1C-NV.

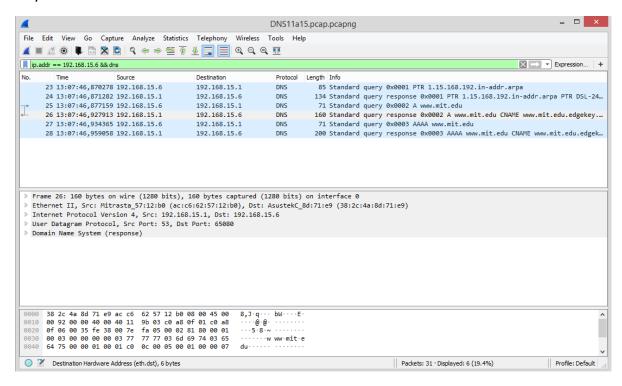


13) Type: A, não contem campo "answer".

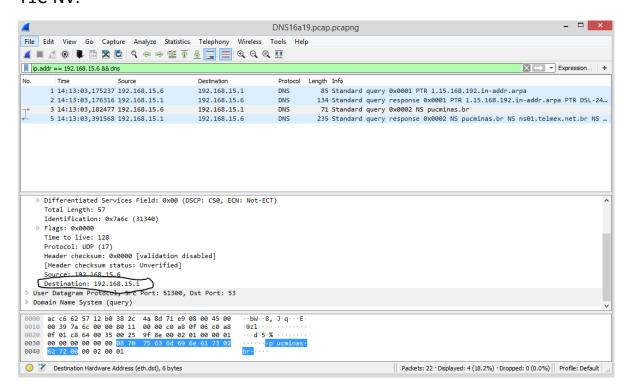


14) Existem três campos, com cada qual contendo os respectivos dados de resposta como name, type, class, time, length e cname.

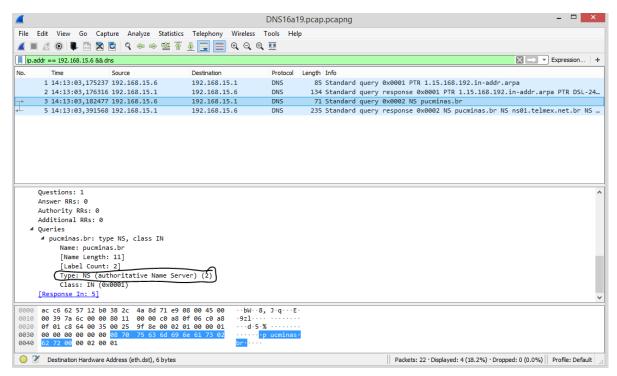




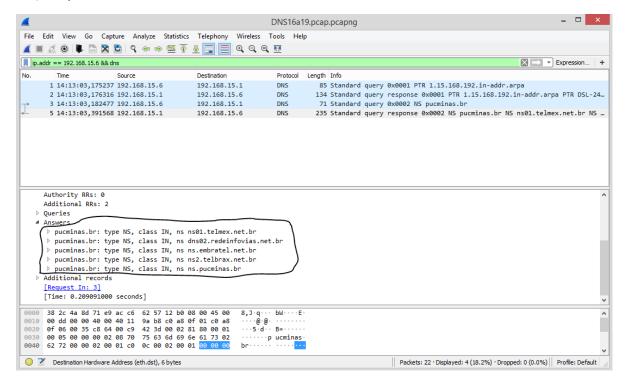
# 16) O IP esta endereçada é 192.168.15.1, endereço do modem DSL-2401HN-T1C-NV.

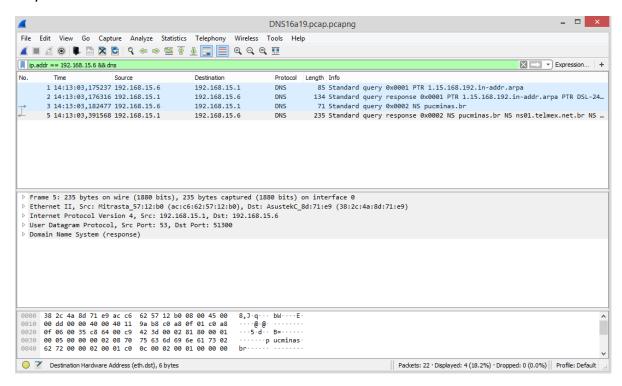


17) Type: NS, não contem.

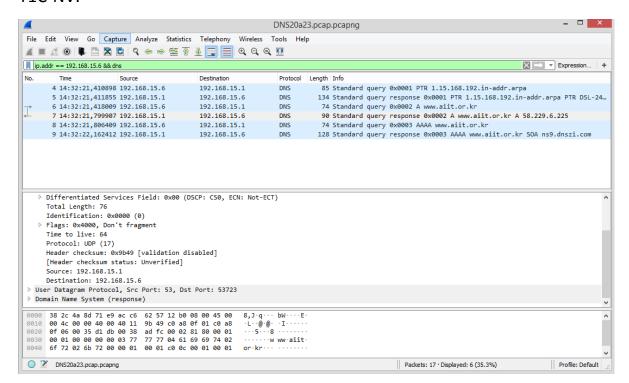


18) ns.pucminas.br, não oferece os IPS dos servidores DNS.

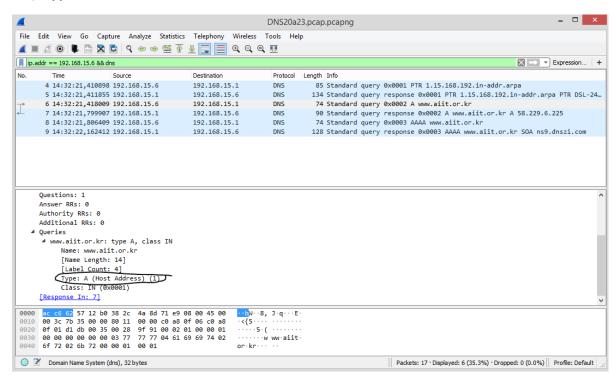




# 20) O IP esta endereçada é 192.168.15.1, endereço do modem DSL-2401HN-T1C-NV.



21) Type: A, não contem.



22) Apenas 1, do nome até o endereço de resposta de www.aiit.or.kr

