# TD M2102 - Architecture des réseaux
# TCP et UDP

*Attention : l'exercice 1 propose d'analyser une trace <u>Ethernet</u>, et lors de l'exercice 2, il s'agit d'analyse une <u>trace TCP</u> entre 2 machines (les analyses des niveaux 2 et 3 ont été faites).*

## 1. UDP

On se propose d'analyser la trace Ethernet ci-dessous.
1. Analyse au niveau 2 et 3
   a. Quel est le protocole de niveau 3 ?
   b. Quel est le protocole de niveau 4 ?
2. Analyse au niveau 4
3. Analyse au niveau 5 (donner uniquement les messages échangés)

```
Trame 1
08 00 20 10 b6 7c 08 00 20 75 13 88 08 00 45 00
00 2f 3c 22 40 00 ff 11 07 55 93 d2 08 03 93 d2
08 9f c5 7f 00 45 00 1b a0 d2 00 01 6c 6b 6a 66
64 73 66 00 6e 65  74 61 73 63 69 69 00
Trame 2
08 00 20 75 13 88 08 00 20 10 b6 7c 08 00 45 00
00 2f 25 30 00 00 3c 11 21 48 93 d2 08 9f 93 d2
08 03 0f 64 c5 7f 00 1b 00 00 00 05 00 01 46 69
6c 65 20 6e 6f 74 20 66 6f 75 6e 64 00
Trame 3
08 00 20 10 b6 7c 08 00 20 75 13 88 08 00 45 00
00 20 3c 23 40 00 ff 11 07 63 93 d2 08 03 93 d2
08 9f c5 7f 0f 64 00 0c f2 a6 00 04 00 01 00 00
00 20 00 00 00 01 ff ff ff ff ff ff
```

## 2. Analyse de trace TCP

On se propose d'analyser la trace TCP fournie en annexe 2.
1. <u>Analyse au niveau TCP</u>
   Le but de cette partie est de fournir le scénario au niveau 4. Les questions suivantes vous donnent des indications sur les informations à faire apparaître dans votre scénario.
   a) Combien de connexions TCP dans cet échange ?
   b) Pour chaque connexion, préciser :
   - Les numéros de port utilisés.
   - Les segments TCP correspondants à :
     − la phase de connexion
     − l'échange de données
     − la déconnexion
   - Les numéros de séquences utilisés.
   - La taille des fenêtres au départ de l'échange
   c) Pour chaque segment TCP, préciser :
     − les flags positionnés (ACK,SYN,PUSH,FIN,URG,RST),
     − les numéros de séquence et d'acquittement échangés,
     − la taille des données transportées.
     − la valeur du champ « fenêtre »
2. <u>Analyse au niveau application</u>
   Le but de cette partie est de fournir le scénario au niveau 5. De façon identique à l'exercice précédent, les questions suivantes vous donnent des indications sur votre analyse.
   a) Quel protocole application est concerné par cet échange ?
   b) Quelle(s) est (sont) la (les) requête(s) du client ?
   c) Donner une synthèse du scénario au niveau application

Annexe 1 : Structure des messages Ethernet, IP, TCP et UDP.

## Structure des trames ETHERNET.

| Adresse Destinataire | Adresse origine | Type de trame | 'données' |
|---|---|---|---|

Signification et taille des différents champs :
**Adresse destinataire** (6 octets) :       Adresse ETHERNET du destinataire,
**Adresse origine** (6 octets) :          Adresse ETHERNET de l'émetteur,
**Type de trame** (2 octets) : précise à quel protocole s'adresse les données,
                    0600          XNS
                    0800          IP
                    0806          ARP
                    ...
**Données** (46-1500 octets) : les données !
                    Au minimum 46 octets (avec caractères de bourrage si nécessaire).

## Structure des datagrammes IP.

| 0 | 8 | 16 | 24 | 31 |
|---|---|---|---|---|

| Version | Taille de l'entête | Type de service | Longueur totale | |
|---|---|---|---|---|
| Identification | | Flags | Offset (fragment) | |
| Durée de vie | Protocole transporté | Checksum | | |
| Adresse IP source | | | | |
| Adresse IP destinataire | | | | |
| Options | | | | |
| Données (Segment de niveau supérieur) | | | | |

Signification et taille des différents champs :
**Version** (4 bits) :        Numéro de version du protocole
**Taille de l'entête** (4 bits) :       Longueur de l'en-tête en mots de 32 bits
                    (les options font partie de l'en-tête),
**Type de service** (8 bits) :   Priorité au délai, au débit, à la fiabilité,
                    00          pas de service,
                    08          priorité au délai,
                    10          priorité au débit,
                    20          priorité à la fiabilité,
                    ...
**Longueur totale** (16 bits) :   Longueur totale, en octets, entête et données comprises,
**Identification** (16 bits) :    Identifiant du datagramme
**Flags** (3 bits) :          Gestion de la fragmentation
                    000          dernier fragment
                    001          fragment à suivre
                    010          pas de fragment
**Offset** (13 bits) :        Décalage de la fragmentation:
                    position relative par rapport au
                    début du datagramme initial, si
                    celui-ci a été fragmenté (exprimé
                    en unité de 8 octets),
**Durée de vie** (8 bits) :     Temps écoulé depuis l'émission, exprimé en nombre de sauts,
**Protocole transporté** (8 bits) :       Protocole de niveau supérieur
                    $01_h$          ICMP
                    $06_h$          TCP
                    $09_h$          IGP
                    $11_h$          UDP
                    $1D_h$          Transport ISO Classe 4
                    ...
**Checksum** (16 bits) :       Total de contrôle,
**Adresse IP source** (32 bits)    Adresse IP de l'émetteur
**Adresse IP destinataire** (32 bits)       Adresse IP du destinataire
**Options** (n mots de 32 bits) : Facultatives,
**Données** (n octets) :        Les données.

# Structure des segments TCP.

| 0 | 8 | 16 | 24 | 31 |
|---|---|---|---|---|

| Port source | Port destination |
|---|---|
| Numéro de séquence | |
| Numéro d'acquittement | |

| Taille de l'entête | Réservé | U R G | A C K | P S H | R S T | S Y N | F I N | Fenêtre |
|---|---|---|---|---|---|---|---|---|

| Checksum | Position des données urgentes |
|---|---|

Options

Données (séquence d'octets du niveau supérieur)

```
Signification et taille des différents champs :
Port Source (16) :          Numéro du port source,
Port Destination (16) :     Numéro du port destination,
Numéro de séquence (32) :   Numéro de séquence du premier octet de ce
                            segment,
Numéro d'acquittement (32) : Numéro du prochain octet attendu,
Taille de l'entête (4) :    Longueur de l'en-tête en mots de 32 bits
                            (les options font partie de l'en-tête),
Réservé (6) :               Réservé pour une prochaine utilisation...
Bit URG (1) :               Le pointeur de données urgentes est valide,
Bit ACK (1) :               Le numéro d'acquittement est valide,
Bit PSH (1) :               Données à envoyer de suite (push),
Bit RST (1) :               Provoque la rupture anormale de la connexion
Bit SYN (1) :               Demande l'établissement de la connexion,
Bit FIN (1) :               Demande la fin de la connexion,
Fenêtre (16) :              Taille de fenêtre demandée à l'émission,
Checksum (16) :             Total de contrôle,
Position des données urgentes (16) : S'il y en a, fournit la position
relative des
                            dernières données urgentes,
Options (n mots 32 bits) :  Facultatives
Données (n) :               Séquence d'octets du niveau supérieur
```

# Structure des datagrammes UDP.

| 0 | 8 | 16 | 24 | 31 |
|---|---|---|---|---|

| Port source | Port destination |
|---|---|
| Longueur du datagramme UDP | Checksum |
| Données | |

```
Signification et taille des différents champs :
Port Source (16) :          Numéro du port source,
Port Destination (16) :     Numéro du port destination,
Longueur totale (16) :      Longueur  totale,  en  octets,  entête  et
                            données comprises,
Checksum (16) :             Total de contrôle,
Données (n octets) :        Champ de données de taille variable
```

# Annexe 2 : Trace TCP

```
Packet Details
Item number 1, position in dumpfile 3%
----- TCP Header ----- - [34-53]
Source port = 1150 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 3002088962 - [38-41]
Acknowledgement number = 501864369 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 018h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 1... = Push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 64199 - [48-49]
Checksum = 16B7h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request ----- - [54-360]
[307 byte(s) of data]
 GET /rubi/TD5/SolutionSessionPHP/SelectAuteur.php HTTP/1.1 - [54-111]
 Accept: */* - [114-124]
 Accept-Language: fr - [127-145]
 Accept-Encoding: gzip, deflate - [148-177]
 User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; SV1; .NET CLR 1.1.4322) - [180-265]
 Host: dormeur - [268-280]
 Connection: Keep-Alive - [283-304]
 Cookie: PHPSESSID=608cb1cac9eca7e32d36ca754648c48c - [307-356]
============================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 01 5B 03 B7 | 40 00 40 06 | 20 7D AC 10 | 5E B1 AC 10 [.[..@.@. }..^...]
* 5E 97 04 7E | 00 50 B2 F0 | 3E 02 1D E9 | D7 B1 50 18 [^..~.P..>.....P.]
* FA C7 16 B7 | 00 00 47 45 | 54 20 2F 72 | 75 62 69 2F [......GET /rubi/]
* 54 44 35 2F | 53 6F 6C 75 | 74 69 6F 6E | 53 65 73 73 [TD5/SolutionSess]
* 69 6F 6E 50 | 48 50 2F 53 | 65 6C 65 63 | 74 41 75 74 [ionPHP/SelectAut]
* 65 75 72 2E | 70 68 70 20 | 48 54 54 50 | 2F 31 2E 31 [eur.php HTTP/1.1]
* 0D 0A 41 63 | 63 65 70 74 | 3A 20 2A 2F | 2A 0D 0A 41 [..Accept: */*..A]
* 63 63 65 70 | 74 2D 4C 61 | 6E 67 75 61 | 67 65 3A 20 [ccept-Language: ]
* 66 72 0D 0A | 41 63 63 65 | 70 74 2D 45 | 6E 63 6F 64 [fr..Accept-Encod]
* 69 6E 67 3A | 20 67 7A 69 | 70 2C 20 64 | 65 66 6C 61 [ing: gzip, defla]
* 74 65 0D 0A | 55 73 65 72 | 2D 41 67 65 | 6E 74 3A 20 [te..User-Agent: ]
* 4D 6F 7A 69 | 6C 6C 61 2F | 34 2E 30 20 | 28 63 6F 6D [Mozilla/4.0 (com]
* 70 61 74 69 | 62 6C 65 3B | 20 4D 53 49 | 45 20 36 2E [patible; MSIE 6.]
* 30 3B 20 57 | 69 6E 64 6F | 77 73 20 4E | 54 20 35 2E [0; Windows NT 5.]
* 31 3B 20 53 | 56 31 3B 20 | 2E 4E 45 54 | 20 43 4C 52 [1; SV1; .NET CLR]
* 20 31 2E 31 | 2E 34 33 32 | 32 29 0D 0A | 48 6F 73 74 [ 1.1.4322)..Host]
* 3A 20 64 6F | 72 6D 65 75 | 72 0D 0A 43 | 6F 6E 6E 65 [: dormeur..Conne]
* 63 74 69 6F | 6E 3A 20 4B | 65 65 70 2D | 41 6C 69 76 [ction: Keep-Aliv]
* 65 0D 0A 43 | 6F 6F 6B 69 | 65 3A 20 50 | 48 50 53 45 [e..Cookie: PHPSE]
* 53 53 49 44 | 3D 36 30 38 | 63 62 31 63 | 61 63 39 65 [SSID=608cb1cac9e]
* 63 61 37 65 | 33 32 64 33 | 36 63 61 37 | 35 34 36 34 [ca7e32d36ca75464]
* 38 63 34 38 | 63 0D 0A 0D | 0A            |             [8c48c....]

######
Item number 2, position in dumpfile 8%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1150 (Unassigned) - [36-37]
Sequence number = 501864369 - [38-41]
Acknowledgement number = 3002089269 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 018h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 1... = Push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
```

```
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 16752 - [48-49]
Checksum = 2F4Ah - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Server Reply ----- - [54-429]
[376 byte(s) of data]
 HTTP/1.1 200 OK - [54-68]
 Server: Microsoft-IIS/5.0 - [71-95]
 Date: Sat, 21 Jan 2006 09:30:14 GMT - [98-132]
 X-Powered-By: ASP.NET - [135-155]
 Connection: close - [158-174]
 Content-type: text/html - [177-199]
 X-Powered-By: PHP/5.0.4 - [202-224]
 Set-Cookie: PHPSESSID=608cb1cac9eca7e32d36ca754648c48c; path=/ - [227-288]
 Expires: Thu, 19 Nov 1981 08:52:00 GMT - [291-328]
 Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0 - [331-407]
 Pragma: no-cache - [410-425]
============================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 01 A0 E3 FE | 40 00 80 06 | FF EF AC 10 | 5E 97 AC 10 [....@.......^...]
* 5E B1 00 50 | 04 7E 1D E9 | D7 B1 B2 F0 | 3F 35 50 18 [^..P.~......?5P.]
* 41 70 2F 4A | 00 00 48 54 | 54 50 2F 31 | 2E 31 20 32 [Ap/J..HTTP/1.1 2]
* 30 30 20 4F | 4B 0D 0A 53 | 65 72 76 65 | 72 3A 20 4D [00 OK..Server: M]
* 69 63 72 6F | 73 6F 66 74 | 2D 49 49 53 | 2F 35 2E 30 [icrosoft-IIS/5.0]
* 0D 0A 44 61 | 74 65 3A 20 | 53 61 74 2C | 20 32 31 20 [..Date: Sat, 21 ]
* 4A 61 6E 20 | 32 30 30 36 | 20 30 39 3A | 33 30 3A 31 [Jan 2006 09:30:1]
* 34 20 47 4D | 54 0D 0A 58 | 2D 50 6F 77 | 65 72 65 64 [4 GMT..X-Powered]
* 2D 42 79 3A | 20 41 53 50 | 2E 4E 45 54 | 0D 0A 43 6F [-By: ASP.NET..Co]
* 6E 6E 65 63 | 74 69 6F 6E | 3A 20 63 6C | 6F 73 65 0D [nnection: close.]
* 0A 43 6F 6E | 74 65 6E 74 | 2D 74 79 70 | 65 3A 20 74 [.Content-type: t]
* 65 78 74 2F | 68 74 6D 6C | 0D 0A 58 2D | 50 6F 77 65 [ext/html..X-Powe]
* 72 65 64 2D | 42 79 3A 20 | 50 48 50 2F | 35 2E 30 2E [red-By: PHP/5.0.]
* 34 0D 0A 53 | 65 74 2D 43 | 6F 6F 6B 69 | 65 3A 20 50 [4..Set-Cookie: P]
* 48 50 53 45 | 53 53 49 44 | 3D 36 30 38 | 63 62 31 63 [HPSESSID=608cb1c]
* 61 63 39 65 | 63 61 37 65 | 33 32 64 33 | 36 63 61 37 [ac9eca7e32d36ca7]
* 35 34 36 34 | 38 63 34 38 | 63 3B 20 70 | 61 74 68 3D [54648c48c; path=]
* 2F 0D 0A 45 | 78 70 69 72 | 65 73 3A 20 | 54 68 75 2C [/..Expires: Thu,]
* 20 31 39 20 | 4E 6F 76 20 | 31 39 38 31 | 20 30 38 3A [ 19 Nov 1981 08:]
* 35 32 3A 30 | 30 20 47 4D | 54 0D 0A 43 | 61 63 68 65 [52:00 GMT..Cache]
* 2D 43 6F 6E | 74 72 6F 6C | 3A 20 6E 6F | 2D 73 74 6F [-Control: no-sto]
* 72 65 2C 20 | 6E 6F 2D 63 | 61 63 68 65 | 2C 20 6D 75 [re, no-cache, mu]
* 73 74 2D 72 | 65 76 61 6C | 69 64 61 74 | 65 2C 20 70 [st-revalidate, p]
* 6F 73 74 2D | 63 68 65 63 | 6B 3D 30 2C | 20 70 72 65 [ost-check=0, pre]
* 2D 63 68 65 | 63 6B 3D 30 | 0D 0A 50 72 | 61 67 6D 61 [-check=0..Pragma]
* 3A 20 6E 6F | 2D 63 61 63 | 68 65 0D 0A | 0D 0A       [: no-cache....]

######


Item number 3, position in dumpfile 18%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1150 (Unassigned) - [36-37]
Sequence number = 501864745 - [38-41]
Acknowledgement number = 3002089269 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 019h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 1... = Push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...1 = FIN - {46-47}
Window = 16752 - [48-49]
Checksum = 9641h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Server Reply ----- - [54-1074]
[1021 byte(s) of data]
============================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
```

```
* 04 25 E3 FF | 40 00 80 06 | FD 69 AC 10 | 5E 97 AC 10 [.%..@....i..^...]
* 5E B1 00 50 | 04 7E 1D E9 | D9 29 B2 F0 | 3F 35 50 19 [^..P.~...)..?5P.]
* 41 70 96 41 | 00 00 0D 0A | 3C 21 44 4F | 43 54 59 50 [Ap.A....<!DOCTYP]
* 45 20 68 74 | 6D 6C 20 50 | 55 42 4C 49 | 43 20 22 2D [E html PUBLIC "-]
* 2F 2F 57 33 | 43 2F 2F 44 | 54 44 20 58 | 48 54 4D 4C [//W3C//DTD XHTML]
* 20 31 2E 30 | 20 53 74 72 | 69 63 74 2F | 2F 45 4E 22 [ 1.0 Strict//EN"]
* 20 0D 0A 09 | 22 68 74 74 | 70 3A 2F 2F | 77 77 77 2E [ ..."http://www.]
* 77 33 2E 6F | 72 67 2F 54 | 52 2F 78 68 | 74 6D 6C 31 [w3.org/TR/xhtml1]
* 2F 44 54 44 | 2F 78 68 74 | 6D 6C 31 2D | 73 74 72 69 [/DTD/xhtml1-stri]
* 63 74 2E 64 | 74 64 22 3E | 0D 0A 3C 68 | 74 6D 6C 20 [ct.dtd">..<html ]
* 78 6D 6C 6E | 73 3D 22 68 | 74 74 70 3A | 2F 2F 77 77 [xmlns="http://ww]
* 77 2E 77 33 | 2E 6F 72 67 | 2F 31 39 39 | 39 2F 78 68 [w.w3.org/1999/xh]
* 74 6D 6C 22 | 20 6C 61 6E | 67 3D 22 66 | 72 2D 66 72 [tml" lang="fr-fr]
* 22 3E 0D 0A | 3C 68 65 61 | 64 3E 0D 0A | 3C 6D 65 74 [">..<head>..<met]
* 61 20 63 6F | 6E 74 65 6E | 74 3D 22 74 | 65 78 74 2F [a content="text/]
* 68 74 6D 6C | 3B 20 63 68 | 61 72 73 65 | 74 3D 55 54 [html; charset=UT]
* 46 2D 38 22 | 20 68 74 74 | 70 2D 65 71 | 75 69 76 3D [F-8" http-equiv=]
* 22 63 6F 6E | 74 65 6E 74 | 2D 74 79 70 | 65 22 20 2F ["content-type" /]
* 3E 0D 0A 3C | 74 69 74 6C | 65 3E 49 64 | 65 6E 74 69 [>..<title>Identi]
* 66 69 63 61 | 74 69 6F 6E | 3C 2F 74 69 | 74 6C 65 3E [fication</title>]
* 0D 0A 3C 6D | 65 74 61 20 | 63 6F 6E 74 | 65 6E 74 3D [..<meta content=]
* 22 49 64 65 | 6E 74 69 66 | 69 63 61 74 | 69 6F 6E 22 ["Identification"]
* 20 6E 61 6D | 65 3D 22 64 | 65 73 63 72 | 69 70 74 69 [ name="descripti]
* 6F 6E 22 20 | 2F 3E 0D 0A | 3C 21 2D 2D | 20 43 72 65 [on" />..<!-- Cre]
* 65 20 70 61 | 72 3A 20 46 | 2E 52 2E 20 | 6C 65 20 31 [e par: F.R. le 1]
* 35 20 4A 61 | 6E 76 69 65 | 72 20 32 30 | 30 34 20 2D [5 Janvier 2004 -]
* 2D 3E 0D 0A | 3C 6C 69 6E | 6B 20 72 65 | 6C 3D 22 73 [->..<link rel="s]
* 74 79 6C 65 | 73 68 65 65 | 74 22 20 74 | 79 70 65 3D [tylesheet" type=]
* 22 74 65 78 | 74 2F 63 73 | 73 22 20 68 | 72 65 66 3D ["text/css" href=]
* 22 6D 6F 6E | 73 74 79 6C | 65 2E 63 73 | 73 22 2F 3E ["monstyle.css"/>]
* 0D 0A 3C 2F | 68 65 61 64 | 3E 0D 0A 3C | 62 6F 64 79 [..</head>..<body]
* 3E 0D 0A 3C | 68 31 3E 20 | 42 69 62 6C | 69 6F 74 68 [>..<h1> Biblioth]
* 26 65 67 72 | 61 76 65 3B | 71 75 65 20 | 3C 2F 68 31 [&egrave;que </h1]
* 3E 0D 0A 0D | 0A 3C 66 6F | 72 6D 20 6D | 65 74 68 6F [>....<form metho]
* 64 3D 22 70 | 6F 73 74 22 | 20 61 63 74 | 69 6F 6E 3D [d="post" action=]
* 22 2F 72 75 | 62 69 2F 54 | 44 35 2F 53 | 6F 6C 75 74 ["/rubi/TD5/Solut]
* 69 6F 6E 53 | 65 73 73 69 | 6F 6E 50 48 | 50 2F 76 61 [ionSessionPHP/va]
* 6C 69 64 61 | 74 69 6F 6E | 2E 70 68 70 | 22 3E 0D 0A [lidation.php">..]
* 09 3C 68 32 | 3E 4C 27 61 | 63 63 26 65 | 67 72 61 76 [.<h2>L'acc&egrav]
* 65 3B 73 20 | 20 26 61 67 | 72 61 76 65 | 3B 20 6C 61 [e;s  &agrave; la]
* 20 62 69 62 | 6C 69 6F 74 | 68 26 65 67 | 72 61 76 65 [ biblioth&egrave]
* 3B 71 75 65 | 20 6E 26 65 | 61 63 75 74 | 65 3B 63 65 [;que n&eacute;ce]
* 73 73 69 74 | 65 20 75 6E | 65 20 69 64 | 65 6E 74 69 [ssite une identi]
* 66 69 63 61 | 74 69 6F 6E | 3C 2F 68 32 | 3E 0D 0A 20 [fication</h2>.. ]
* 20 20 20 3C | 70 3E 4E 6F | 6D 20 3A 20 | 26 6E 62 73 [   <p>Nom : &nbs]
* 70 3B 3C 69 | 6E 70 75 74 | 20 74 79 70 | 65 3D 22 74 [p;<input type="t]
* 65 78 74 22 | 20 6E 61 6D | 65 3D 22 4E | 6F 6D 22 20 [ext" name="Nom" ]
* 73 69 7A 65 | 3D 22 33 30 | 22 3E 3C 2F | 70 3E 0D 0A [size="30"></p>..]
* 20 20 20 20 | 3C 70 3E 4D | 6F 74 20 64 | 65 20 70 61 [   <p>Mot de pa]
* 73 73 65 20 | 3A 3C 69 6E | 70 75 74 20 | 74 79 70 65 [sse :<input type]
* 3D 22 70 61 | 73 73 77 6F | 72 64 22 20 | 6E 61 6D 65 [="password" name]
* 3D 22 50 61 | 73 73 77 6F | 72 64 22 20 | 73 69 7A 65 [="Password" size]
* 3D 22 32 30 | 22 3E 3C 2F | 70 3E 0D 0A | 20 20 20 20 [="20"></p>..    ]
* 3C 70 3E 3C | 69 6E 70 75 | 74 20 74 79 | 70 65 3D 22 [<p><input type="]
* 73 75 62 6D | 69 74 20 20 | 76 61 6C 75 | 65 3D 22 45 [submit  value="E]
* 6E 76 6F 79 | 65 72 22 20 | 6E 61 6D 65 | 3D 22 42 31 [nvoyer" name="B1]
* 22 3E 0D 0A | 09 3C 69 6E | 70 75 74 20 | 74 79 70 65 [">...<input type]
* 3D 22 72 65 | 73 65 74 22 | 20 76 61 6C | 75 65 3D 22 [="reset" value="]
* 52 26 65 61 | 63 75 74 65 | 3B 74 61 62 | 6C 69 72 22 [R&eacute;tablir"]
* 20 6E 61 6D | 65 3D 22 42 | 32 22 3E 3C | 2F 70 3E 0D [ name="B2"></p>.]
* 0A 3C 2F 66 | 6F 72 6D 3E | 0D 0A 0D 0A | 3C 68 34 3E [.</form>....<h4>]
* 3C 61 20 68 | 72 65 66 3D | 22 68 74 74 | 70 3A 2F 2F [<a href="http://]
* 77 77 77 2E | 69 6E 66 6F | 2E 69 75 74 | 2E 75 2D 62 [www.info.iut.u-b]
* 6F 72 64 65 | 61 75 78 31 | 2E 66 72 22 | 3E 51 75 69 [ordeaux1.fr">Qui]
* 74 74 65 72 | 3C 2F 61 3E | 3C 2F 68 34 | 3E 0D 0A 3C [tter</a></h4>..<]
* 2F 62 6F 64 | 79 3E 0D 0A | 3C 2F 68 74 | 6D 6C 3E 0D [/body>..</html>.]
* 0A 0D 0A    |            |            |            [...]

######


Item number 4, position in dumpfile 19%
----- TCP Header ----- - [34-53]
Source port = 1150 (Unassigned) - [34-35]
```

Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 3002089269 - [38-41]
Acknowledgement number = 501865767 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 010h - {46-47}
  0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
  0000 000. .... = No urgent pointer - [46-47]
  0000 00.1 .... = Acknowledgement - {46-47}
  0000 00.. 0... = No push - {46-47}
  0000 00.. .0.. = No reset - {46-47}
  0000 00.. ..0. = No SYN - {46-47}
  0000 00.. ...0 = No FIN - {46-47}
Window = 64240 - [48-49]
Checksum = 1584h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request -----
[0 byte(s) of data]

```
========================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 28 03 BA | 40 00 40 06 | 21 AD AC 10 | 5E B1 AC 10 [.(..@.@.!...^...]
* 5E 97 04 7E | 00 50 B2 F0 | 3F 35 1D E9 | DD 27 50 10 [^..~.P..?5...'P.]
* FA F0 15 84 | 00 00       |            |            [......]

######


Item number 5, position in dumpfile 20%
----- TCP Header ----- - [34-53]
Source port = 1150 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 3002089269 - [38-41]
Acknowledgement number = 501865767 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 011h - {46-47}
```
  0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
  0000 000. .... = No urgent pointer - [46-47]
  0000 00.1 .... = Acknowledgement - {46-47}
  0000 00.. 0... = No push - {46-47}
  0000 00.. .0.. = No reset - {46-47}
  0000 00.. ..0. = No SYN - {46-47}
  0000 00.. ...1 = FIN - {46-47}
Window = 64240 - [48-49]
Checksum = 1584h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request -----
[0 byte(s) of data]

```
========================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 28 03 BB | 40 00 40 06 | 21 AC AC 10 | 5E B1 AC 10 [.(..@.@.!...^...]
* 5E 97 04 7E | 00 50 B2 F0 | 3F 35 1D E9 | DD 27 50 11 [^..~.P..?5...'P.]
* FA F0 15 84 | 00 00       |            |            [......]

######


Item number 6, position in dumpfile 20%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1150 (Unassigned) - [36-37]
Sequence number = 501865767 - [38-41]
Acknowledgement number = 3002089270 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 010h - {46-47}
```
  0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
  0000 000. .... = No urgent pointer - [46-47]
  0000 00.1 .... = Acknowledgement - {46-47}
  0000 00.. 0... = No push - {46-47}
  0000 00.. .0.. = No reset - {46-47}
  0000 00.. ..0. = No SYN - {46-47}
  0000 00.. ...0 = No FIN - {46-47}
Window = 16752 - [48-49]

Checksum = 66F5h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Server Reply ----- - [54-59]
[6 byte(s) of data]
=======================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 00 28 E4 00 | 40 00 80 06 | 01 66 AC 10 | 5E 97 AC 10 [.(..@....f..^...]
* 5E B1 00 50 | 04 7E 1D E9 | DD 27 B2 F0 | 3F 36 50 10 [^..P.~...'..?6P.]
* 41 70 66 F5 | 00 00 00 00 | 00 00 00 00 |             [Apf.........]

######


Item number 7, position in dumpfile 21%
----- TCP Header ----- - [34-65]
Source port = 1153 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 2523867634 - [38-41]
Acknowledgement number = 0 - [42-45]
Header length = 32 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 002h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.0 .... = No acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..1. = SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 65535 - [48-49]
Checksum = 947Ah - [50-51]
Urgent pointer = 0 - [52-53]
Options = 12 bytes - [54-65]
 Code = 2 (MSS)
 Required MSS: 1460
 Other Options
----- HTTP Client Request -----
[0 byte(s) of data]
=======================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 34 03 BC | 40 00 40 06 | 21 9F AC 10 | 5E B1 AC 10 [.4..@.@.!...^...]
* 5E 97 04 81 | 00 50 96 6F | 29 F2 00 00 | 00 00 80 02 [^....P.o).......]
* FF FF 94 7A | 00 00 02 04 | 05 B4 01 03 | 03 02 01 01 [...z............]
* 04 02       |             |             |             [..]

######


Item number 8, position in dumpfile 22%
----- TCP Header ----- - [34-65]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1153 (Unassigned) - [36-37]
Sequence number = 3441009068 - [38-41]
Acknowledgement number = 2523867635 - [42-45]
Header length = 32 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 012h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..1. = SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 17520 - [48-49]
Checksum = E134h - [50-51]
Urgent pointer = 0 - [52-53]
Options = 12 bytes - [54-65]
 Code = 2 (MSS)
 Required MSS: 1460
 Other Options
=======================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 00 34 E4 01 | 40 00 80 06 | 01 59 AC 10 | 5E 97 AC 10 [.4..@....Y..^...]

* 5E B1 00 50 | 04 81 CD 19 | A1 AC 96 6F | 29 F3 80 12 [^..P.......o)...]
* 44 70 E1 34 | 00 00 02 04 | 05 B4 01 03 | 03 00 01 01 [Dp.4............]
* 04 02       |             |             |             [..]

######


Item number 9, position in dumpfile 23%
----- TCP Header ----- - [34-53]
Source port = 1153 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 2523867635 - [38-41]
Acknowledgement number = 3441009069 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 010h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 64240 - [48-49]
Checksum = 1584h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request -----
[0 byte(s) of data]
=======================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 28 03 BE | 40 00 40 06 | 21 A9 AC 10 | 5E B1 AC 10 [.(..@.@.!...^...]
* 5E 97 04 81 | 00 50 96 6F | 29 F3 CD 19 | A1 AD 50 10 [^....P.o).....P.]
* FA F0 15 84 | 00 00       |             |             [......]

######


Item number 10, position in dumpfile 28%
----- TCP Header ----- - [34-53]
Source port = 1153 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 2523867635 - [38-41]
Acknowledgement number = 3441009069 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 018h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 1... = Push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 64240 - [48-49]
Checksum = 1751h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request ----- - [54-514]
[461 byte(s) of data]
 GET /rubi/TD5/SolutionSessionPHP/monstyle.css HTTP/1.1 - [54-107]
 Accept: */* - [110-120]
 Referer: http://dormeur/rubi/TD5/SolutionSessionPHP/SelectAuteur.php - [123-190]
 Accept-Language: fr - [193-211]
 Accept-Encoding: gzip, deflate - [214-243]
 If-Modified-Since: Thu, 08 Dec 2005 09:02:05 GMT - [246-293]
 If-None-Match: "fdc870fd6fbc51:1547" - [296-331]
 User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; SV1; .NET CLR 1.1.4322) - [334-419]
 Host: dormeur - [422-434]
 Connection: Keep-Alive - [437-458]
 Cookie: PHPSESSID=608cb1cac9eca7e32d36ca754648c48c - [461-510]
=======================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 01 F5 03 BF | 40 00 40 06 | 1F DB AC 10 | 5E B1 AC 10 [....@.@.....^...]
* 5E 97 04 81 | 00 50 96 6F | 29 F3 CD 19 | A1 AD 50 18 [^....P.o).....P.]

```
* FA F0 17 51 | 00 00 47 45 | 54 20 2F 72 | 75 62 69 2F [...Q..GET /rubi/]
* 54 44 35 2F | 53 6F 6C 75 | 74 69 6F 6E | 53 65 73 73 [TD5/SolutionSess]
* 69 6F 6E 50 | 48 50 2F 6D | 6F 6E 73 74 | 79 6C 65 2E [ionPHP/monstyle.]
* 63 73 73 20 | 48 54 54 50 | 2F 31 2E 31 | 0D 0A 41 63 [css HTTP/1.1.Ac]
* 63 65 70 74 | 3A 20 2A 2F | 2A 0D 0A 52 | 65 66 65 72 [cept: */*..Refer]
* 65 72 3A 20 | 68 74 74 70 | 3A 2F 2F 64 | 6F 72 6D 65 [er: http://dorme]
* 75 72 2F 72 | 75 62 69 2F | 54 44 35 2F | 53 6F 6C 75 [ur/rubi/TD5/Solu]
* 74 69 6F 6E | 53 65 73 73 | 69 6F 6E 50 | 48 50 2F 53 [tionSessionPHP/S]
* 65 6C 65 63 | 74 41 75 74 | 65 75 72 2E | 70 68 70 0D [electAuteur.php.]
* 0A 41 63 63 | 65 70 74 2D | 4C 61 6E 67 | 75 61 67 65 [.Accept-Language]
* 3A 20 66 72 | 0D 0A 41 63 | 63 65 70 74 | 2D 45 6E 63 [: fr..Accept-Enc]
* 6F 64 69 6E | 67 3A 20 67 | 7A 69 70 2C | 20 64 65 66 [oding: gzip, def]
* 6C 61 74 65 | 0D 0A 49 66 | 2D 4D 6F 64 | 69 66 69 65 [late..If-Modifie]
* 64 2D 53 69 | 6E 63 65 3A | 20 54 68 75 | 2C 20 30 38 [d-Since: Thu, 08]
* 20 44 65 63 | 20 32 30 30 | 35 20 30 39 | 3A 30 32 3A [ Dec 2005 09:02:]
* 30 35 20 47 | 4D 54 0D 0A | 49 66 2D 4E | 6F 6E 65 2D [05 GMT..If-None-]
* 4D 61 74 63 | 68 3A 20 22 | 66 64 63 38 | 37 30 66 64 [Match: "fdc870fd]
* 36 66 62 63 | 35 31 3A 31 | 35 34 37 22 | 0D 0A 55 73 [6fbc51:1547"..Us]
* 65 72 2D 41 | 67 65 6E 74 | 3A 20 4D 6F | 7A 69 6C 6C [er-Agent: Mozill]
* 61 2F 34 2E | 30 20 28 63 | 6F 6D 70 61 | 74 69 62 6C [a/4.0 (compatibl]
* 65 3B 20 4D | 53 49 45 20 | 36 2E 30 3B | 20 57 69 6E [e; MSIE 6.0; Win]
* 64 6F 77 73 | 20 4E 54 20 | 35 2E 31 3B | 20 53 56 31 [dows NT 5.1; SV1]
* 3B 20 2E 4E | 45 54 20 43 | 4C 52 20 31 | 2E 31 2E 34 [; .NET CLR 1.1.4]
* 33 32 32 29 | 0D 0A 48 6F | 73 74 3A 20 | 64 6F 72 6D [322)..Host: dorm]
* 65 75 72 0D | 0A 43 6F 6E | 6E 65 63 74 | 69 6F 6E 3A [eur..Connection:]
* 20 4B 65 65 | 70 2D 41 6C | 69 76 65 0D | 0A 43 6F 6F [ Keep-Alive..Coo]
* 6B 69 65 3A | 20 50 48 50 | 53 45 53 53 | 49 44 3D 36 [kie: PHPSESSID=6]
* 30 38 63 62 | 31 63 61 63 | 39 65 63 61 | 37 65 33 32 [08cb1cac9eca7e32]
* 64 33 36 63 | 61 37 35 34 | 36 34 38 63 | 34 38 63 0D [d36ca754648c48c.]
* 0A 0D 0A    |             |             |              [...]

######


Item number 11, position in dumpfile 30%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1153 (Unassigned) - [36-37]
Sequence number = 3441009069 - [38-41]
Acknowledgement number = 2523868096 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 018h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 1... = Push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 17059 - [48-49]
Checksum = F77Eh - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Server Reply ----- - [54-217]
[164 byte(s) of data]
 HTTP/1.1 304 Not Modified - [54-78]
 Server: Microsoft-IIS/5.0 - [81-105]
 Date: Sat, 21 Jan 2006 09:30:14 GMT - [108-142]
 X-Powered-By: ASP.NET - [145-165]
 ETag: "fdc870fd6fbc51:1547" - [168-194]
 Content-Length: 0 - [197-213]
==============================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 00 CC E4 02 | 40 00 80 06 | 00 C0 AC 10 | 5E 97 AC 10 [....@.......^...]
* 5E B1 00 50 | 04 81 CD 19 | A1 AD 96 6F | 2B C0 50 18 [^..P.....o+.P.]
* 42 A3 F7 7E | 00 00 48 54 | 54 50 2F 31 | 2E 31 20 33 [B..~..HTTP/1.1 3]
* 30 34 20 4E | 6F 74 20 4D | 6F 64 69 66 | 69 65 64 0D [04 Not Modified.]
* 0A 53 65 72 | 76 65 72 3A | 20 4D 69 63 | 72 6F 73 6F [.Server: Microso]
* 66 74 2D 49 | 49 53 2F 35 | 2E 30 0D 0A | 44 61 74 65 [ft-IIS/5.0..Date]
* 3A 20 53 61 | 74 2C 20 32 | 31 20 4A 61 | 6E 20 32 30 [: Sat, 21 Jan 20]
* 30 36 20 30 | 39 3A 33 30 | 3A 31 34 20 | 47 4D 54 0D [06 09:30:14 GMT.]
* 0A 58 2D 50 | 6F 77 65 72 | 65 64 2D 42 | 79 3A 20 41 [.X-Powered-By: A]
* 53 50 2E 4E | 45 54 0D 0A | 45 54 61 67 | 3A 20 22 66 [SP.NET..ETag: "f]
* 64 63 38 37 | 30 66 64 36 | 66 62 63 35 | 31 3A 31 35 [dc870fd6fbc51:15]
```

```
* 34 37 22 0D | 0A 43 6F 6E | 74 65 6E 74 | 2D 4C 65 6E [47"..Content-Len]
* 67 74 68 3A | 20 30 0D 0A | 0D 0A        |              [gth: 0....]

######


Item number 12, position in dumpfile 31%
----- TCP Header ----- - [34-53]
Source port = 1153 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 2523868096 - [38-41]
Acknowledgement number = 3441009233 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 010h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 64199 - [48-49]
Checksum = 1584h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request -----
[0 byte(s) of data]
==============================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 28 03 C1 | 40 00 40 06 | 21 A6 AC 10 | 5E B1 AC 10 [.(..@.@.!...^...]
* 5E 97 04 81 | 00 50 96 6F | 2B C0 CD 19 | A2 51 50 10 [^....P.o+....QP.]
* FA C7 15 84 | 00 00        |             |              [......]

######


Item number 13, position in dumpfile 38%
----- TCP Header ----- - [34-53]
Source port = 1153 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 2523868096 - [38-41]
Acknowledgement number = 3441009233 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 018h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 1... = Push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 64199 - [48-49]
Checksum = 1816h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request ----- - [54-711]
[658 byte(s) of data]
 POST /rubi/TD5/SolutionSessionPHP/validation.php HTTP/1.1 - [54-110]
 Accept: image/gif, image/x-xbitmap, image/jpeg, image/pjpeg, application/x-shockwave-flash, appl ... -
[113-284]
 Referer: http://dormeur/rubi/TD5/SolutionSessionPHP/SelectAuteur.php - [287-354]
 Accept-Language: fr - [357-375]
 Content-Type: application/x-www-form-urlencoded - [378-424]
 Accept-Encoding: gzip, deflate - [427-456]
 User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; SV1; .NET CLR 1.1.4322) - [459-544]
 Host: dormeur - [547-559]
 Content-Length: 27 - [562-579]
 Connection: Keep-Alive - [582-603]
 Cache-Control: no-cache - [606-628]
 Cookie: PHPSESSID=608cb1cac9eca7e32d36ca754648c48c - [631-680]
27 - [631-683]
 Nom=a&Password=a&B1=Envoyer
==============================================================
```

```
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 02 BA 03 C5 | 40 00 40 06 | 1F 10 AC 10 | 5E B1 AC 10 [....@.@.....^...]
* 5E 97 04 81 | 00 50 96 6F | 2B C0 CD 19 | A2 51 50 18 [^....P.o+....QP.]
* FA C7 18 16 | 00 00 50 4F | 53 54 20 2F | 72 75 62 69 [......POST /rubi]
* 2F 54 44 35 | 2F 53 6F 6C | 75 74 69 6F | 6E 53 65 73 [/TD5/SolutionSes]
* 73 69 6F 6E | 50 48 50 2F | 76 61 6C 69 | 64 61 74 69 [sionPHP/validati]
* 6F 6E 2E 70 | 68 70 20 48 | 54 54 50 2F | 31 2E 31 0D [on.php HTTP/1.1.]
* 0A 41 63 63 | 65 70 74 3A | 20 69 6D 61 | 67 65 2F 67 [.Accept: image/g]
* 69 66 2C 20 | 69 6D 61 67 | 65 2F 78 2D | 78 62 69 74 [if, image/x-xbit]
* 6D 61 70 2C | 20 69 6D 61 | 67 65 2F 6A | 70 65 67 2C [map, image/jpeg,]
* 20 69 6D 61 | 67 65 2F 70 | 6A 70 65 67 | 2C 20 61 70 [ image/pjpeg, ap]
* 70 6C 69 63 | 61 74 69 6F | 6E 2F 78 2D | 73 68 6F 63 [plication/x-shoc]
* 6B 77 61 76 | 65 2D 66 6C | 61 73 68 2C | 20 61 70 70 [kwave-flash, app]
* 6C 69 63 61 | 74 69 6F 6E | 2F 76 6E 64 | 2E 6D 73 2D [lication/vnd.ms-]
* 65 78 63 65 | 6C 2C 20 61 | 70 70 6C 69 | 63 61 74 69 [excel, applicati]
* 6F 6E 2F 76 | 6E 64 2E 6D | 73 2D 70 6F | 77 65 72 70 [on/vnd.ms-powerp]
* 6F 69 6E 74 | 2C 20 61 70 | 70 6C 69 63 | 61 74 69 6F [oint, applicatio]
* 6E 2F 6D 73 | 77 6F 72 64 | 2C 20 2A 2F | 2A 0D 0A 52 [n/msword, */*..R]
* 65 66 65 72 | 65 72 3A 20 | 68 74 74 70 | 3A 2F 2F 64 [eferer: http://d]
* 6F 72 6D 65 | 75 72 2F 72 | 75 62 69 2F | 54 44 35 2F [ormeur/rubi/TD5/]
* 53 6F 6C 75 | 74 69 6F 6E | 53 65 73 73 | 69 6F 6E 50 [SolutionSessionP]
* 48 50 2F 53 | 65 6C 65 63 | 74 41 75 74 | 65 75 72 2E [HP/SelectAuteur.]
* 70 68 70 0D | 0A 41 63 63 | 65 70 74 2D | 4C 61 6E 67 [php..Accept-Lang]
* 75 61 67 65 | 3A 20 66 72 | 0D 0A 43 6F | 6E 74 65 6E [uage: fr..Conten]
* 74 2D 54 79 | 70 65 3A 20 | 61 70 70 6C | 69 63 61 74 [t-Type: applicat]
* 69 6F 6E 2F | 78 2D 77 77 | 77 2D 66 6F | 72 6D 2D 75 [ion/x-www-form-u]
* 72 6C 65 6E | 63 6F 64 65 | 64 0D 0A 41 | 63 63 65 70 [rlencoded..Accep]
* 74 2D 45 6E | 63 6F 64 69 | 6E 67 3A 20 | 67 7A 69 70 [t-Encoding: gzip]
* 2C 20 64 65 | 66 6C 61 74 | 65 0D 0A 55 | 73 65 72 2D [, deflate..User-]
* 41 67 65 6E | 74 3A 20 4D | 6F 7A 69 6C | 6C 61 2F 34 [Agent: Mozilla/4]
* 2E 30 20 28 | 63 6F 6D 70 | 61 74 69 62 | 6C 65 3B 20 [.0 (compatible; ]
* 4D 53 49 45 | 20 36 2E 30 | 3B 20 57 69 | 6E 64 6F 77 [MSIE 6.0; Window]
* 73 20 4E 54 | 20 35 2E 31 | 3B 20 53 56 | 31 3B 20 2E [s NT 5.1; SV1; .]
* 4E 45 54 20 | 43 4C 52 20 | 31 2E 31 2E | 34 33 32 32 [NET CLR 1.1.4322]
* 29 0D 0A 48 | 6F 73 74 3A | 20 64 6F 72 | 6D 65 75 72 [)..Host: dormeur]
* 0D 0A 43 6F | 6E 74 65 6E | 74 2D 4C 65 | 6E 67 74 68 [..Content-Length]
* 3A 20 32 37 | 0D 0A 43 6F | 6E 6E 65 63 | 74 69 6F 6E [: 27..Connection]
* 3A 20 4B 65 | 65 70 2D 41 | 6C 69 76 65 | 0D 0A 43 61 [: Keep-Alive..Ca]
* 63 68 65 2D | 43 6F 6E 74 | 72 6F 6C 3A | 20 6E 6F 2D [che-Control: no-]
* 63 61 63 68 | 65 0D 0A 43 | 6F 6F 6B 69 | 65 3A 20 50 [cache..Cookie: P]
* 48 50 53 45 | 53 53 49 44 | 3D 36 30 38 | 63 62 31 63 [HPSESSID=608cb1c]
* 61 63 39 65 | 63 61 37 65 | 33 32 64 33 | 36 63 61 37 [ac9eca7e32d36ca7]
* 35 34 36 34 | 38 63 34 38 | 63 0D 0A 0D | 0A 4E 6F 6D [54648c48c....Nom]
* 3D 61 26 50 | 61 73 73 77 | 6F 72 64 3D | 61 26 42 31 [=a&Password=a&B1]
* 3D 45 6E 76 | 6F 79 65 72 |             |             [=Envoyer]
######
```

Item number 14, position in dumpfile 40%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1153 (Unassigned) - [36-37]
Sequence number = 3441009233 - [38-41]
Acknowledgement number = 2523868754 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 018h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - {46-47}
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 1... = Push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 16401 - [48-49]
Checksum = 1AB7h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Server Reply ----- - [54-165]
[112 byte(s) of data]
 HTTP/1.1 100 Continue - [54-74]
 Server: Microsoft-IIS/5.0 - [77-101]
 Date: Sat, 21 Jan 2006 09:30:22 GMT - [104-138]
 X-Powered-By: ASP.NET - [141-161]

```
=============================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 00 98 E4 E2 | 40 00 80 06 | 00 14 AC 10 | 5E 97 AC 10 [....@.......^...]
* 5E B1 00 50 | 04 81 CD 19 | A2 51 96 6F | 2E 52 50 18 [^..P.....Q.o.RP.]
* 40 11 1A B7 | 00 00 48 54 | 54 50 2F 31 | 2E 31 20 31 [@.....HTTP/1.1 1]
* 30 30 20 43 | 6F 6E 74 69 | 6E 75 65 0D | 0A 53 65 72 [00 Continue..Ser]
* 76 65 72 3A | 20 4D 69 63 | 72 6F 73 6F | 66 74 2D 49 [ver: Microsoft-I]
* 49 53 2F 35 | 2E 30 0D 0A | 44 61 74 65 | 3A 20 53 61 [IS/5.0..Date: Sa]
* 74 2C 20 32 | 31 20 4A 61 | 6E 20 32 30 | 30 36 20 30 [t, 21 Jan 2006 0]
* 39 3A 33 30 | 3A 32 32 20 | 47 4D 54 0D | 0A 58 2D 50 [9:30:22 GMT..X-P]
* 6F 77 65 72 | 65 64 2D 42 | 79 3A 20 41 | 53 50 2E 4E [owered-By: ASP.N]
* 45 54 0D 0A | 0D 0A       |             |             [ET....]
######
```

Item number 15, position in dumpfile 53%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1153 (Unassigned) - [36-37]
Sequence number = 3441009345 - [38-41]
Acknowledgement number = 2523868754 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 019h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - [46-47]
 0000 00.. 1... = Push - {46-47}
 0000 00.. .0.. = No reset - [46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...1 = FIN - {46-47}
Window = 16401 - [48-49]
Checksum = D6AFh - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Server Reply ----- - [54-1329]
[1276 byte(s) of data]
 HTTP/1.1 200 OK - [54-68]
 Server: Microsoft-IIS/5.0 - [71-95]
 Date: Sat, 21 Jan 2006 09:30:22 GMT - [98-132]
 X-Powered-By: ASP.NET - [135-155]
 Connection: close - [158-174]
 Content-type: text/html - [177-199]
 X-Powered-By: PHP/5.0.4 - [202-224]
 Set-Cookie: PHPSESSID=608cb1cac9eca7e32d36ca754648c48c; path=/ - [227-288]
 Expires: Thu, 19 Nov 1981 08:52:00 GMT - [291-328]
 Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0 - [331-407]
 Pragma: no-cache - [410-425]
 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"  - [430-486]
 Binary Data: 841 - [489-1329]
```
=============================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 05 24 E4 EA | 40 00 80 06 | FB 7F AC 10 | 5E 97 AC 10 [.$..@.......^...]
* 5E B1 00 50 | 04 81 CD 19 | A2 C1 96 6F | 2E 52 50 19 [^..P.......o.RP.]
* 40 11 D6 AF | 00 00 48 54 | 54 50 2F 31 | 2E 31 20 32 [@.....HTTP/1.1 2]
* 30 30 20 4F | 4B 0D 0A 53 | 65 72 76 65 | 72 3A 20 4D [00 OK..Server: M]
* 69 63 72 6F | 73 6F 66 74 | 2D 49 49 53 | 2F 35 2E 30 [icrosoft-IIS/5.0]
* 0D 0A 44 61 | 74 65 3A 20 | 53 61 74 2C | 20 32 31 20 [..Date: Sat, 21 ]
* 4A 61 6E 20 | 32 30 30 36 | 20 30 39 3A | 33 30 3A 32 [Jan 2006 09:30:2]
* 32 20 47 4D | 54 0D 0A 58 | 2D 50 6F 77 | 65 72 65 64 [2 GMT..X-Powered]
* 2D 42 79 3A | 20 41 53 50 | 2E 4E 45 54 | 0D 0A 43 6F [-By: ASP.NET..Co]
* 6E 6E 65 63 | 74 69 6F 6E | 3A 20 63 6C | 6F 73 65 0D [nnection: close.]
* 0A 43 6F 6E | 74 65 6E 74 | 2D 74 79 70 | 65 3A 20 74 [.Content-type: t]
* 65 78 74 2F | 68 74 6D 6C | 0D 0A 58 2D | 50 6F 77 65 [ext/html..X-Powe]
* 72 65 64 2D | 42 79 3A 20 | 50 48 50 2F | 35 2E 30 2E [red-By: PHP/5.0.]
* 34 0D 0A 53 | 65 74 2D 43 | 6F 6F 6B 69 | 65 3A 20 50 [4..Set-Cookie: P]
* 48 50 53 45 | 53 53 49 44 | 3D 36 30 38 | 63 62 31 63 [HPSESSID=608cb1c]
* 61 63 39 65 | 63 61 37 65 | 33 32 64 33 | 36 63 61 37 [ac9eca7e32d36ca7]
* 35 34 36 34 | 38 63 34 38 | 63 3B 20 70 | 61 74 68 3D [54648c48c; path=]
* 2F 0D 0A 45 | 78 70 69 72 | 65 73 3A 20 | 54 68 75 2C [/..Expires: Thu,]
* 20 31 39 20 | 4E 6F 76 20 | 31 39 38 31 | 20 30 38 3A [ 19 Nov 1981 08:]
* 35 32 3A 30 | 30 20 47 4D | 54 0D 0A 43 | 61 63 68 65 [52:00 GMT..Cache]
* 2D 43 6F 6E | 74 72 6F 6C | 3A 20 6E 6F | 2D 73 74 6F [-Control: no-sto]
* 72 65 2C 20 | 6E 6F 2D 63 | 61 63 68 65 | 2C 20 6D 75 [re, no-cache, mu]
```

```
* 73 74 2D 72 | 65 76 61 6C | 69 64 61 74 | 65 2C 20 70 [st-revalidate, p]
* 6F 73 74 2D | 63 68 65 63 | 6B 3D 30 2C | 20 70 72 65 [ost-check=0, pre]
* 2D 63 68 65 | 63 6B 3D 30 | 0D 0A 50 72 | 61 67 6D 61 [-check=0..Pragma]
* 3A 20 6E 6F | 2D 63 61 63 | 68 65 0D 0A | 0D 0A 3C 21 [: no-cache....<!]
* 44 4F 43 54 | 59 50 45 20 | 68 74 6D 6C | 20 50 55 42 [DOCTYPE html PUB]
* 4C 49 43 20 | 22 2D 2F 2F | 57 33 43 2F | 2F 44 54 44 [LIC "-//W3C//DTD]
* 20 58 48 54 | 4D 4C 20 31 | 2E 30 20 53 | 74 72 69 63 [ XHTML 1.0 Stric]
* 74 2F 2F 45 | 4E 22 20 0D | 0A 09 22 68 | 74 74 70 3A [t//EN" ..."http:]
* 2F 2F 77 77 | 77 2E 77 33 | 2E 6F 72 67 | 2F 54 52 2F [//www.w3.org/TR/]
* 78 68 74 6D | 6C 31 2F 44 | 54 44 2F 78 | 68 74 6D 6C [xhtml1/DTD/xhtml]
* 31 2D 73 74 | 72 69 63 74 | 2E 64 74 64 | 22 3E 0D 0A [1-strict.dtd">..]
* 3C 68 74 6D | 6C 20 78 6D | 6C 6E 73 3D | 22 68 74 74 [<html xmlns="htt]
* 70 3A 2F 2F | 77 77 77 2E | 77 33 2E 6F | 72 67 2F 31 [p://www.w3.org/1]
* 39 39 39 2F | 78 68 74 6D | 6C 22 20 6C | 61 6E 67 3D [999/xhtml" lang=]
* 22 66 72 2D | 66 72 22 3E | 0D 0A 3C 68 | 65 61 64 3E ["fr-fr">..<head>]
* 0D 0A 3C 6D | 65 74 61 20 | 63 6F 6E 74 | 65 6E 74 3D [..<meta content=]
* 22 74 65 78 | 74 2F 68 74 | 6D 6C 3B 20 | 63 68 61 72 ["text/html; char]
* 73 65 74 3D | 55 54 46 2D | 38 22 20 68 | 74 74 70 2D [set=UTF-8" http-]
* 65 71 75 69 | 76 3D 22 63 | 6F 6E 74 65 | 6E 74 2D 74 [equiv="content-t]
* 79 70 65 22 | 20 2F 3E 0D | 0A 3C 74 69 | 74 6C 65 3E [ype" />..<title>]
* 53 65 6C 65 | 63 74 69 6F | 6E 20 61 75 | 74 65 75 72 [Selection auteur]
* 3C 2F 74 69 | 74 6C 65 3E | 0D 0A 3C 6D | 65 74 61 20 [</title>..<meta ]
* 63 6F 6E 74 | 65 6E 74 3D | 22 53 65 6C | 65 63 74 69 [content="Selecti]
* 6F 6E 20 61 | 75 74 65 75 | 72 22 20 6E | 61 6D 65 3D [on auteur" name=]
* 22 64 65 73 | 63 72 69 70 | 74 69 6F 6E | 22 20 2F 3E ["description" />]
* 0D 0A 3C 21 | 2D 2D 20 43 | 72 65 65 20 | 70 61 72 3A [..<!-- Cree par:]
* 20 46 2E 52 | 2E 20 6C 65 | 20 31 35 20 | 4A 61 6E 76 [ F.R. le 15 Janv]
* 69 65 72 20 | 32 30 30 34 | 20 2D 2D 3E | 0D 0A 3C 6C [ier 2004 -->..<l]
* 69 6E 6B 20 | 72 65 6C 3D | 22 73 74 79 | 6C 65 73 68 [ink rel="stylesh]
* 65 65 74 22 | 20 74 79 70 | 65 3D 22 74 | 65 78 74 2F [eet" type="text/]
* 63 73 73 22 | 20 68 72 65 | 66 3D 22 6D | 6F 6E 73 74 [css" href="monst]
* 79 6C 65 2E | 63 73 73 22 | 2F 3E 0D 0A | 3C 2F 68 65 [yle.css"/>..</he]
* 61 64 3E 0D | 0A 3C 62 6F | 64 79 3E 0D | 0A 3C 68 31 [ad>..<body>..<h1]
* 3E 20 42 69 | 62 6C 69 6F | 74 68 26 65 | 67 72 61 76 [> Biblioth&egrav]
* 65 3B 71 75 | 65 20 3C 2F | 68 31 3E 0D | 0A 0D 0A 3C [e;que </h1>....<]
* 70 3E 20 42 | 6F 6E 6A 6F | 75 72 20 61 | 3C 2F 70 3E [p> Bonjour a</p>]
* 20 0D 0A 0D | 0A 3C 68 32 | 3E 20 52 65 | 63 68 65 72 [ ....<h2> Recher]
* 63 68 65 20 | 61 75 74 65 | 75 72 20 26 | 61 67 72 61 [che auteur &agra]
* 76 65 3B 20 | 70 61 72 74 | 69 72 20 64 | 65 20 6C 27 [ve; partir de l']
* 69 6E 69 74 | 69 61 6C 65 | 20 3C 2F 68 | 32 3E 0D 0A [initiale </h2>..]
* 3C 66 6F 72 | 6D 20 6D 65 | 74 68 6F 64 | 3D 22 70 6F [<form method="po]
* 73 74 22 20 | 61 63 74 69 | 6F 6E 3D 22 | 52 65 63 68 [st" action="Rech]
* 65 72 63 68 | 65 41 75 74 | 65 75 72 73 | 2E 70 68 70 [ercheAuteurs.php]
* 22 3E 0D 0A | 09 3C 70 3E | 49 6E 69 74 | 69 61 6C 65 [">...<p>Initiale]
* 20 3A 20 20 | 3C 69 6E 70 | 75 74 20 74 | 79 70 65 3D [ :  <input type=]
* 22 74 65 78 | 74 22 20 73 | 69 7A 65 3D 22 | 31 22 20 ["text" size="1" ]
* 6E 61 6D 65 | 3D 22 69 6E | 69 74 69 61 | 6C 65 22 3E [name="initiale">]
* 3C 2F 70 3E | 0D 0A 20 20 | 20 20 20 3C | 70 3E 3C 69 [</p>..       <p><i]
* 6E 70 75 74 | 20 74 79 70 | 65 3D 22 73 | 75 62 6D 69 [nput type="submi]
* 74 22 20 76 | 61 6C 75 65 | 3D 22 45 6E | 76 6F 79 65 [t" value="Envoye]
* 72 22 3E 20 | 0D 0A 09 09 | 3C 69 6E 70 | 75 74 20 74 [r"> ....<input t]
* 79 70 65 3D | 22 72 65 73 | 65 74 22 20 | 76 61 6C 75 [ype="reset" valu]
* 65 3D 22 43 | 6C 65 61 72 | 22 3E 3C 2F | 70 3E 0D 0A [e="Clear"></p>..]
* 3C 2F 66 6F | 72 6D 3E 0D | 0A 3C 62 72 | 2F 3E 20 0D [</form>..<br/> .]
* 0A 3C 68 34 | 3E 3C 61 20 | 68 72 65 66 | 3D 22 2F 72 [.<h4><a href="/r]
* 75 62 69 2F | 54 44 35 2F | 53 6F 6C 75 | 74 69 6F 6E [ubi/TD5/Solution]
* 53 65 73 73 | 69 6F 6E 50 | 48 50 2F 44 | 65 63 6F 6E [SessionPHP/Decon]
* 6E 65 78 69 | 6F 6E 2E 70 | 68 70 22 3E | 44 65 63 6F [nexion.php">Deco]
* 6E 6E 65 78 | 69 6F 6E 3C | 2F 61 3E 3C | 2F 68 34 3E [nnexion</a></h4>]
* 0D 0A 3C 2F | 62 6F 64 79 | 3E 0D 0A 3C | 2F 68 74 6D [..</body>..</htm]
* 6C 3E      |            |            | [l>]

######


Item number 16, position in dumpfile 53%
----- TCP Header ----- - [34-53]
Source port = 1153 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 2523868754 - [38-41]
Acknowledgement number = 3441010622 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 010h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
```

```
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 64240 - [48-49]
Checksum = 1584h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request -----
[0 byte(s) of data]
========================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 28 03 C8 | 40 00 40 06 | 21 9F AC 10 | 5E B1 AC 10 [.(..@.@.!...^...]
* 5E 97 04 81 | 00 50 96 6F | 2E 52 CD 19 | A7 BE 50 10 [^....P.o.R....P.]
* FA F0 15 84 | 00 00       |             |             [......]

######


Item number 17, position in dumpfile 54%
----- TCP Header ----- - [34-53]
Source port = 1153 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 2523868754 - [38-41]
Acknowledgement number = 3441010622 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 011h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...1 = FIN - {46-47}
Window = 64240 - [48-49]
Checksum = 1584h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request -----
[0 byte(s) of data]
========================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 28 03 C9 | 40 00 40 06 | 21 9E AC 10 | 5E B1 AC 10 [.(..@.@.!...^...]
* 5E 97 04 81 | 00 50 96 6F | 2E 52 CD 19 | A7 BE 50 11 [^....P.o.R....P.]
* FA F0 15 84 | 00 00       |             |             [......]

######


Item number 18, position in dumpfile 55%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1153 (Unassigned) - [36-37]
Sequence number = 3441010622 - [38-41]
Acknowledgement number = 2523868755 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 010h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 16401 - [48-49]
Checksum = 1BEEh - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Server Reply ----- - [54-59]
[6 byte(s) of data]
========================================================================
```

```
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 00 28 E4 F6 | 40 00 80 06 | 00 70 AC 10 | 5E 97 AC 10 [.(..@....p..^...]
* 5E B1 00 50 | 04 81 CD 19 | A7 BE 96 6F | 2E 53 50 10 [^..P.......o.SP.]
* 40 11 1B EE | 00 00 00 00 | 00 00 00 00 |             [@..........]

######


Item number 19, position in dumpfile 56%
----- TCP Header ----- - [34-65]
Source port = 1154 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 33927497 - [38-41]
Acknowledgement number = 0 - [42-45]
Header length = 32 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 002h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.0 .... = No acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..1. = SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 65535 - [48-49]
Checksum = A18Ch - [50-51]
Urgent pointer = 0 - [52-53]
Options = 12 bytes - [54-65]
 Code = 2 (MSS)
 Required MSS: 1460
 Other Options
----- HTTP Client Request -----
[0 byte(s) of data]
=================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 34 03 CA | 40 00 40 06 | 21 91 AC 10 | 5E B1 AC 10 [.4..@.@.!...^...]
* 5E 97 04 82 | 00 50 02 05 | B1 49 00 00 | 00 00 80 02 [^....P...I......]
* FF FF A1 8C | 00 00 02 04 | 05 B4 01 03 | 03 02 01 01 [................]
* 04 02       |             |             |             [..]

######


Item number 20, position in dumpfile 56%
----- TCP Header ----- - [34-65]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1154 (Unassigned) - [36-37]
Sequence number = 2513773630 - [38-41]
Acknowledgement number = 33927498 - [42-45]
Header length = 32 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 012h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..1. = SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 17520 - [48-49]
Checksum = A2F9h - [50-51]
Urgent pointer = 0 - [52-53]
Options = 12 bytes - [54-65]
 Code = 2 (MSS)
 Required MSS: 1460
 Other Options
=================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 00 34 E5 46 | 40 00 80 06 | 00 14 AC 10 | 5E 97 AC 10 [.4.F@.......^...]
* 5E B1 00 50 | 04 82 95 D5 | 24 3E 02 05 | B1 4A 80 12 [^..P....$>...J..]
* 44 70 A2 F9 | 00 00 02 04 | 05 B4 01 03 | 03 00 01 01 [Dp..............]
* 04 02       |             |             |             [..]

######
```

```
Item number 21, position in dumpfile 57%
----- TCP Header ----- - [34-53]
Source port = 1154 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 33927498 - [38-41]
Acknowledgement number = 2513773631 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 010h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 64240 - [48-49]
Checksum = 1584h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request -----
[0 byte(s) of data]
=================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 28 03 CC | 40 00 40 06 | 21 9B AC 10 | 5E B1 AC 10 [.(..@.@.!...^...]
* 5E 97 04 82 | 00 50 02 05 | B1 4A 95 D5 | 24 3F 50 10 [^....P...J..$?P.]
* FA F0 15 84 | 00 00       |             |             [......]

######


Item number 22, position in dumpfile 64%
----- TCP Header ----- - [34-53]
Source port = 1154 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 33927498 - [38-41]
Acknowledgement number = 2513773631 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 018h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 1... = Push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 64240 - [48-49]
Checksum = 180Bh - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request ----- - [54-700]
[647 byte(s) of data]
 POST /rubi/TD5/SolutionSessionPHP/RechercheAuteurs.php HTTP/1.1 - [54-116]
 Accept: image/gif, image/x-xbitmap, image/jpeg, image/pjpeg, application/x-shockwave-flash, appl ... -
[119-290]
 Referer: http://dormeur/rubi/TD5/SolutionSessionPHP/validation.php - [293-358]
 Accept-Language: fr - [361-379]
 Content-Type: application/x-www-form-urlencoded - [382-428]
 Accept-Encoding: gzip, deflate - [431-460]
 User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; SV1; .NET CLR 1.1.4322) - [463-548]
 Host: dormeur - [551-563]
 Content-Length: 12 - [566-583]
 Connection: Keep-Alive - [586-607]
 Cache-Control: no-cache - [610-632]
 Cookie: PHPSESSID=608cb1cac9eca7e32d36ca754648c48c - [635-684]
12 - [635-687]
 initiale=tou
=================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 02 AF 03 CD | 40 00 40 06 | 1F 13 AC 10 | 5E B1 AC 10 [....@.@.....^...]
* 5E 97 04 82 | 00 50 02 05 | B1 4A 95 D5 | 24 3F 50 18 [^....P...J..$?P.]
* FA F0 18 0B | 00 00 50 4F | 53 54 20 2F | 72 75 62 69 [......POST /rubi]
* 2F 54 44 35 | 2F 53 6F 6C | 75 74 69 6F | 6E 53 65 73 [/TD5/SolutionSes]
```

```
* 73 69 6F 6E | 50 48 50 2F | 52 65 63 68 | 65 72 63 68 [sionPHP/Recherch]
* 65 41 75 74 | 65 75 72 73 | 2E 70 68 70 | 20 48 54 54 [eAuteurs.php HTT]
* 50 2F 31 2E | 31 0D 0A 41 | 63 63 65 70 | 74 3A 20 69 [P/1.1..Accept: i]
* 6D 61 67 65 | 2F 67 69 66 | 2C 20 69 6D | 61 67 65 2F [mage/gif, image/]
* 78 2D 78 62 | 69 74 6D 61 | 70 2C 20 69 | 6D 61 67 65 [x-xbitmap, image]
* 2F 6A 70 65 | 67 2C 20 69 | 6D 61 67 65 | 2F 70 6A 70 [/jpeg, image/pjp]
* 65 67 2C 20 | 61 70 70 6C | 69 63 61 74 | 69 6F 6E 2F [eg, application/]
* 78 2D 73 68 | 6F 63 6B 77 | 61 76 65 2D | 66 6C 61 73 [x-shockwave-flas]
* 68 2C 20 61 | 70 70 6C 69 | 63 61 74 69 | 6F 6E 2F 76 [h, application/v]
* 6E 64 2E 6D | 73 2D 65 78 | 63 65 6C 2C | 20 61 70 70 [nd.ms-excel, app]
* 6C 69 63 61 | 74 69 6F 6E | 2F 76 6E 64 | 2E 6D 73 2D [lication/vnd.ms-]
* 70 6F 77 65 | 72 70 6F 69 | 6E 74 2C 20 | 61 70 70 6C [powerpoint, appl]
* 69 63 61 74 | 69 6F 6E 2F | 6D 73 77 6F | 72 64 2C 20 [ication/msword, ]
* 2A 2F 2A 0D | 0A 52 65 66 | 65 72 65 72 | 3A 20 68 74 [*/*..Referer: ht]
* 74 70 3A 2F | 2F 72 75 62 | 2F 72 75 62 | 75 72 75 62 [tp://dormeur/rub]
* 69 2F 54 44 | 35 2F 53 6F | 6C 75 74 69 | 6F 6E 53 65 [i/TD5/SolutionSe]
* 73 73 69 6F | 6E 50 48 50 | 2F 76 61 6C | 69 64 61 74 [ssionPHP/validat]
* 69 6F 6E 2E | 70 68 70 0D | 0A 41 63 63 | 65 70 74 2D [ion.php..Accept-]
* 4C 61 6E 67 | 75 61 67 65 | 3A 20 66 72 | 0D 0A 43 6F [Language: fr..Co]
* 6E 74 65 6E | 74 2D 54 79 | 70 65 3A 20 | 61 70 70 6C [ntent-Type: appl]
* 69 63 61 74 | 69 6F 6E 2F | 78 2D 77 77 | 77 2D 66 6F [ication/x-www-fo]
* 72 6D 2D 75 | 72 6C 65 6E | 63 6F 64 65 | 64 0D 0A 41 [rm-urlencoded..A]
* 63 63 65 70 | 74 2D 45 6E | 63 6F 64 69 | 6E 67 3A 20 [ccept-Encoding: ]
* 67 7A 69 70 | 2C 20 64 65 | 66 6C 61 74 | 65 0D 0A 55 [gzip, deflate..U]
* 73 65 72 2D | 41 67 65 6E | 74 3A 20 4D | 6F 7A 69 6C [ser-Agent: Mozil]
* 6C 61 2F 34 | 2E 30 20 28 | 63 6F 6D 70 | 61 74 69 62 [la/4.0 (compatib]
* 6C 65 3B 20 | 4D 53 49 45 | 20 36 2E 30 | 3B 20 57 69 [le; MSIE 6.0; Wi]
* 6E 64 6F 77 | 73 20 4E 54 | 20 35 2E 31 | 3B 20 53 56 [ndows NT 5.1; SV]
* 31 3B 20 2E | 4E 45 54 20 | 43 4C 52 20 | 31 2E 31 2E [1; .NET CLR 1.1.]
* 34 33 32 32 | 29 0D 0A 48 | 6F 73 74 3A | 20 64 6F 72 [4322)..Host: dor]
* 6D 65 75 72 | 0D 0A 43 6F | 6E 74 65 6E | 74 2D 4C 65 [meur..Content-Le]
* 6E 67 74 68 | 3A 20 31 32 | 0D 0A 43 6F | 6E 6E 65 63 [ngth: 12..Connec]
* 74 69 6F 6E | 3A 20 4B 65 | 65 70 2D 41 | 6C 69 76 65 [tion: Keep-Alive]
* 0D 0A 43 61 | 63 68 65 2D | 43 6F 6E 74 | 72 6F 6C 3A [..Cache-Control:]
* 20 6E 6F 2D | 63 61 63 68 | 65 0D 0A 43 | 6F 6F 6B 69 [ no-cache..Cooki]
* 65 3A 20 50 | 48 50 53 45 | 53 53 49 44 | 3D 36 30 38 [e: PHPSESSID=608]
* 63 62 31 63 | 61 63 39 65 | 63 61 37 65 | 33 32 64 33 [cb1cac9eca7e32d3]
* 36 63 61 37 | 35 34 36 34 | 38 63 34 38 | 63 0D 0A 0D [6ca754648c48c...]
* 0A 69 6E 69 | 74 69 61 6C | 65 3D 74 6F | 75         [.initiale=tou]

######


Item number 23, position in dumpfile 66%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1154 (Unassigned) - [36-37]
Sequence number = 2513773631 - [38-41]
Acknowledgement number = 33928145 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 018h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 1... = Push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 16873 - [48-49]
Checksum = DE1Eh - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Server Reply ----- - [54-165]
[112 byte(s) of data]
 HTTP/1.1 100 Continue - [54-74]
 Server: Microsoft-IIS/5.0 - [77-101]
 Date: Sat, 21 Jan 2006 09:30:31 GMT - [104-138]
 X-Powered-By: ASP.NET - [141-161]
=========================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 00 98 E5 47 | 40 00 80 06 | FF AE AC 10 | 5E 97 AC 10 [...G@.......^...]
* 5E B1 00 50 | 04 82 95 D5 | 24 3F 02 05 | B3 D1 50 18 [^..P....$?....P.]
* 41 E9 DE 1E | 00 00 48 54 | 54 50 2F 31 | 2E 31 20 31 [A.....HTTP/1.1 1]
* 30 30 20 43 | 6F 6E 74 69 | 6E 75 65 0D | 0A 53 65 72 [00 Continue..Ser]
```

```
* 76 65 72 3A | 20 4D 69 63 | 72 6F 73 6F | 66 74 2D 49 [ver: Microsoft-I]
* 49 53 2F 35 | 2E 30 0D 0A | 44 61 74 65 | 3A 20 53 61 [IS/5.0..Date: Sa]
* 74 2C 20 32 | 31 20 4A 61 | 6E 20 32 30 | 30 36 20 30 [t, 21 Jan 2006 0]
* 39 3A 33 30 | 3A 33 31 20 | 47 4D 54 0D | 0A 58 2D 50 [9:30:31 GMT..X-P]
* 6F 77 65 72 | 65 64 2D 42 | 79 3A 20 41 | 53 50 2E 4E [owered-By: ASP.N]
* 45 54 0D 0A | 0D 0A       |             |             [ET....]

######


Item number 24, position in dumpfile 66%
----- TCP Header ----- - [34-53]
Source port = 1154 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 33928145 - [38-41]
Acknowledgement number = 2513773743 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 010h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 64212 - [48-49]
Checksum = 1584h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request -----
[0 byte(s) of data]
=========================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 28 03 D0 | 40 00 40 06 | 21 97 AC 10 | 5E B1 AC 10 [.(..@.@.!...^...]
* 5E 97 04 82 | 00 50 02 05 | B3 D1 95 D5 | 24 AF 50 10 [^....P......$.P.]
* FA D4 15 84 | 00 00       |             |             [......]

######


Item number 25, position in dumpfile 78%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1154 (Unassigned) - [36-37]
Sequence number = 2513773743 - [38-41]
Acknowledgement number = 33928145 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 018h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 1... = Push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 16873 - [48-49]
Checksum = F644h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Server Reply ----- - [54-1223]
[1170 byte(s) of data]
 HTTP/1.1 200 OK - [54-68]
 Server: Microsoft-IIS/5.0 - [71-95]
 Date: Sat, 21 Jan 2006 09:30:31 GMT - [98-132]
 X-Powered-By: ASP.NET - [135-155]
 Connection: close - [158-174]
 Content-type: text/html - [177-199]
 X-Powered-By: PHP/5.0.4 - [202-224]
 Set-Cookie: PHPSESSID=608cb1cac9eca7e32d36ca754648c48c; path=/ - [227-288]
 Expires: Thu, 19 Nov 1981 08:52:00 GMT - [291-328]
 Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0 - [331-407]
 Pragma: no-cache - [410-425]
    - [430-431]
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"  - [434-490]
 Binary Data: 731 - [493-1223]
=====================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 04 BA E5 48 | 40 00 80 06 | FB 8B AC 10 | 5E 97 AC 10 [...H@.......^...]
* 5E B1 00 50 | 04 82 95 D5 | 24 AF 02 05 | B3 D1 50 11 [^..P....$....P.]
* 41 E9 F6 44 | 00 00 48 54 | 54 50 2F 31 | 2E 31 20 32 [A..D..HTTP/1.1 2]
* 30 30 20 4F | 4B 0D 0A 53 | 65 72 76 65 | 72 3A 20 4D [00 OK..Server: M]
* 69 63 72 6F | 73 6F 66 74 | 2D 49 49 53 | 2F 35 2E 30 [icrosoft-IIS/5.0]
* 0D 0A 44 61 | 74 65 3A 20 | 53 61 74 2C | 20 32 31 20 [..Date: Sat, 21 ]
* 4A 61 6E 20 | 32 30 30 36 | 20 30 39 3A | 33 30 3A 33 [Jan 2006 09:30:3]
* 31 20 47 4D | 54 0D 0A 58 | 2D 50 6F 77 | 65 72 65 64 [1 GMT..X-Powered]
* 2D 42 79 3A | 20 41 53 50 | 2E 4E 45 54 | 0D 0A 43 6F [-By: ASP.NET..Co]
* 6E 6E 65 63 | 74 69 6F 6E | 3A 20 63 6C | 6F 73 65 0D [nnection: close.]
* 0A 43 6F 6E | 74 65 6E 74 | 2D 74 79 70 | 65 3A 20 74 [.Content-type: t]
* 65 78 74 2F | 68 74 6D 6C | 0D 0A 58 2D | 50 6F 77 65 [ext/html..X-Powe]
* 72 65 64 2D | 42 79 3A 20 | 50 48 50 2F | 35 2E 30 2E [red-By: PHP/5.0.]
* 34 0D 0A 53 | 65 74 2D 43 | 6F 6F 6B 69 | 65 3A 20 50 [4..Set-Cookie: P]
* 48 50 53 45 | 53 53 49 44 | 3D 36 30 38 | 63 62 31 63 [HPSESSID=608cb1c]
* 61 63 39 65 | 63 61 37 65 | 33 32 64 33 | 36 63 61 37 [ac9eca7e32d36ca7]
* 35 34 36 34 | 38 63 34 38 | 63 3B 20 70 | 61 74 68 3D [54648c48c; path=]
* 2F 0D 0A 45 | 78 70 69 72 | 65 73 3A 20 | 54 68 75 2C [/..Expires: Thu,]
* 20 31 39 20 | 4E 6F 76 20 | 31 39 38 31 | 20 30 38 3A [ 19 Nov 1981 08:]
* 35 32 3A 30 | 30 20 47 4D | 54 0D 0A 43 | 61 63 68 65 [52:00 GMT..Cache]
* 2D 43 6F 6E | 74 72 6F 6C | 3A 20 6E 6F | 2D 73 74 6F [-Control: no-sto]
* 72 65 2C 20 | 6E 6F 2D 63 | 61 63 68 65 | 2C 20 6D 75 [re, no-cache, mu]
* 73 74 2D 72 | 65 76 61 6C | 69 64 61 74 | 65 2C 20 70 [st-revalidate, p]
* 6F 73 74 2D | 63 68 65 63 | 6B 3D 30 2C | 20 70 72 65 [ost-check=0, pre]
* 2D 63 68 65 | 63 6B 3D 30 | 0D 0A 50 72 | 61 67 6D 61 [-check=0..Pragma]
* 3A 20 6E 6F | 2D 63 61 63 | 68 65 0D 0A | 0D 0A 20 20 [: no-cache....  ]
* 0D 0A 3C 21 | 44 4F 43 54 | 59 50 45 20 | 68 74 6D 6C [..<!DOCTYPE html]
* 20 50 55 42 | 4C 49 43 20 | 22 2D 2F 2F | 57 33 43 2F [ PUBLIC "-//W3C/]
* 2F 44 54 44 | 20 58 48 54 | 4D 4C 20 31 | 2E 30 20 53 [/DTD XHTML 1.0 S]
* 74 72 69 63 | 74 2F 2F 45 | 4E 22 20 0D | 0A 09 22 68 [trict//EN" ..."h]
* 74 74 70 3A | 2F 2F 77 77 | 77 2E 77 33 | 2E 6F 72 67 [ttp://www.w3.org]
* 2F 54 52 2F | 78 68 74 6D | 6C 31 2F 44 | 54 44 2F 78 [/TR/xhtml1/DTD/x]
* 68 74 6D 6C | 31 2F 74 72 | 69 63 74 2E | 2E 64 74 64 [html1-strict.dtd]
* 22 3E 0D 0A | 3C 68 74 6D | 6C 20 78 6D | 6C 6E 73 3D [">..<html xmlns=]
* 22 68 74 74 | 70 3A 2F 2F | 77 77 77 2E | 77 33 2E 6F ["http://www.w3.o]
* 72 67 2F 31 | 39 39 39 2F | 78 68 74 6D | 6C 22 20 6C [rg/1999/xhtml" l]
* 61 6E 67 3D | 22 66 72 2D | 66 72 22 3E | 0D 0A 3C 68 [ang="fr-fr">..<h]
* 65 61 64 3E | 0D 0A 3C 6D | 65 74 61 20 | 63 6F 6E 74 [ead>..<meta cont]
* 65 6E 74 3D | 22 74 65 78 | 74 2F 68 74 | 6D 6C 3B 20 [ent="text/html; ]
* 63 68 61 72 | 73 65 74 3D | 55 54 46 2D | 38 22 20 68 [charset=UTF-8" h]
* 74 74 70 2D | 65 71 75 69 | 76 3D 22 63 | 6F 6E 74 65 [ttp-equiv="conte]
* 6E 74 2D 74 | 79 70 65 22 | 20 2F 3E 0D | 0A 3C 74 69 [nt-type" />..<ti]
* 74 6C 65 3E | 52 65 63 68 | 65 72 63 68 | 65 20 61 75 [tle>Recherche au]
* 74 65 75 72 | 73 3C 2F 74 | 69 74 6C 65 | 3E 0D 0A 3C [teurs</title>..<]
* 6D 65 74 61 | 20 63 6F 6E | 74 65 6E 74 | 3D 22 52 65 [meta content="Re]
* 63 68 65 72 | 63 68 65 20 | 41 75 74 65 | 75 72 73 22 [cherche Auteurs"]
* 20 6E 61 6D | 65 3D 22 64 | 65 73 63 72 | 69 70 74 69 [ name="descripti]
* 6F 6E 22 20 | 2F 3E 0D 0A | 3C 21 2D 2D | 20 43 72 65 [on" />..<!-- Cre]
* 65 20 70 61 | 72 3A 20 46 | 2E 52 2E 20 | 6C 65 20 31 [e par: F.R. le 1]
* 35 20 4A 61 | 6E 76 69 65 | 72 20 32 30 | 30 34 20 2D [5 Janvier 2004 -]
* 2D 3E 0D 0A | 3C 6C 69 6E | 6B 20 72 65 | 6C 3D 22 73 [->..<link rel="s]
* 74 79 6C 65 | 73 68 65 65 | 74 22 20 74 | 79 70 65 3D [tylesheet" type=]
* 22 74 65 78 | 74 2F 63 73 | 73 22 20 68 | 72 65 66 3D ["text/css" href=]
* 22 6D 6F 6E | 73 74 79 6C | 65 2E 63 73 | 73 22 2F 3E ["monstyle.css"/>]
* 0D 0A 09 3C | 2F 68 65 61 | 64 3E 0D 0A | 3C 62 6F 64 [...</head>..<bod]
* 79 3E 0D 0A | 3C 68 31 3E | 20 42 69 62 | 6C 69 6F 74 [y>..<h1> Bibliot]
* 68 26 65 67 | 72 61 76 65 | 3B 71 75 65 | 20 3C 2F 68 [h&egrave;que </h]
* 31 3E 0D 0A | 3C 70 3E 42 | 6F 6E 6A 6F | 75 72 20 61 [1>..<p>Bonjour a]
* 3C 2F 70 3E | 3C 68 31 3E | 4C 69 73 74 | 65 20 64 65 [</p><h1>Liste de]
* 73 20 61 75 | 74 65 75 72 | 73 20 64 6F | 6E 74 20 6C [s auteurs dont l]
* 27 69 6E 69 | 74 69 61 6C | 65 20 65 73 | 74 20 3A 20 ['initiale est : ]
* 22 74 6F 75 | 20 22 3C 2F | 68 31 3E 3C | 70 3E 20 4E ["tou "</h1><p> N]
* 6F 6D 20 3A | 20 54 6F 75 | 72 61 69 6E | 65 3C 2F 70 [om : Touraine</p]
* 3E 3C 70 3E | 20 4E 6F 6D | 20 3A 20 54 | 6F 75 73 73 [><p> Nom : Touss]
* 61 69 6E 74 | 2D 53 61 6D | 61 74 3C 2F | 70 3E 3C 68 [aint-Samat</p><h]
* 34 3E 3C 61 | 20 68 72 65 | 66 3D 22 53 | 65 6C 65 63 [4><a href="Selec]
* 74 41 75 74 | 65 75 72 2E | 70 68 70 22 | 3E 52 65 74 [tAuteur.php">Ret]
* 6F 75 72 3C | 2F 61 3E 26 | 6E 62 73 70 | 3B 3C 61 20 [our</a> <a ]
* 68 72 65 66 | 3D 22 2F 72 | 75 62 69 2F | 54 44 35 2F [href="/rubi/TD5/]
* 53 6F 6C 75 | 74 69 6F 6E | 53 65 73 73 | 69 6F 6E 50 [SolutionSessionP]
* 48 50 2F 44 | 65 63 6F 6E | 6E 65 78 69 | 6F 6E 2E 70 [HP/Deconnexion.p]
```
```
* 68 70 22 3E | 44 65 63 6F | 6E 6E 65 78 | 69 6F 6E 3C [hp">Deconnexion<]
* 2F 61 3E 3C | 2F 68 34 3E | 3C 2F 42 4F | 44 59 3E 0D [/a></h4></BODY>.]
* 0A 0D 0A 3C | 2F 48 54 4D | 4C 3E 0D 0A | 0D 0A 0D 0A [...</HTML>......]
* 0D 0A 0D 0A | 0D 0A 0D 0A | 0D 0A 0D 0A | 0D 0A 0D 0A [................]
* 0D 0A 0D 0A | 0D 0A 0D 0A |             |             [........]

######


Item number 26, position in dumpfile 79%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1154 (Unassigned) - [36-37]
Sequence number = 2513774913 - [38-41]
Acknowledgement number = 33928145 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 011h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...1 = FIN - {46-47}
Window = 16873 - [48-49]
Checksum = DEC1h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Server Reply ----- - [54-59]
[6 byte(s) of data]
=====================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 00 28 E5 49 | 40 00 80 06 | 00 1D AC 10 | 5E 97 AC 10 [.(.I@.......^...]
* 5E B1 00 50 | 04 82 95 D5 | 29 41 02 05 | B3 D1 50 11 [^..P....)A....P.]
* 41 E9 DE C1 | 00 00 00 00 | 00 00 00 00 |             [A...........]

######


Item number 27, position in dumpfile 80%
----- HTTP Client Request -----
[0 byte(s) of data]
=====================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 28 03 D1 | 40 00 40 06 | 21 96 AC 10 | 5E B1 AC 10 [.(..@.@.!...^...]
* 5E 97 04 82 | 00 50 02 05 | B3 D1 95 D5 | 29 42 50 10 [^....P......)BP.]
* F9 AF 15 84 | 00 00       |             |             [......]

######


Item number 28, position in dumpfile 81%
----- TCP Header ----- - [34-53]
Source port = 1154 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 33928145 - [38-41]
Acknowledgement number = 2513774914 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 011h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...1 = FIN - {46-47}
Window = 63919 - [48-49]
Checksum = 1584h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request -----
[0 byte(s) of data]
```

```
===================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 28 03 D2 | 40 00 40 06 | 21 95 AC 10 | 5E B1 AC 10 [.(..@.@.!...^...]
* 5E 97 04 82 | 00 50 02 05 | B3 D1 95 D5 | 29 42 50 11 [^....P.......)BP.]
* F9 AF 15 84 | 00 00       |             |             [......]

######


Item number 29, position in dumpfile 81%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1154 (Unassigned) - [36-37]
Sequence number = 2513774914 - [38-41]
Acknowledgement number = 33928146 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 010h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 16873 - [48-49]
Checksum = DEC0h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Server Reply ----- - [54-59]
[6 byte(s) of data]
===================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 00 28 E5 4A | 40 00 80 06 | 00 1C AC 10 | 5E 97 AC 10 [.(.J@.......^...]
* 5E B1 00 50 | 04 82 95 D5 | 29 42 02 05 | B3 D2 50 10 [^..P....)B....P.]
* 41 E9 DE C0 | 00 00 00 00 | 00 00 00 00 |             [A..........]

######


Item number 30, position in dumpfile 82%
----- TCP Header ----- - [34-65]
Source port = 1157 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 2188035898 - [38-41]
Acknowledgement number = 0 - [42-45]
Header length = 32 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 002h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.0 .... = No acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..1. = SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 65535 - [48-49]
Checksum = 0B33h - [50-51]
Urgent pointer = 0 - [52-53]
Options = 12 bytes - [54-65]
 Code = 2 (MSS)
 Required MSS: 1460
 Other Options
----- HTTP Client Request -----
[0 byte(s) of data]
===================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 34 03 D7 | 40 00 40 06 | 21 84 AC 10 | 5E B1 AC 10 [.4..@.@.!...^...]
* 5E 97 04 85 | 00 50 82 6A | C7 3A 00 00 | 00 00 80 02 [^....P.j.:......]
* FF FF 0B 33 | 00 00 02 04 | 05 B4 01 03 | 03 02 01 01 [...3............]
* 04 02       |             |             |             [..]

######
```

```
Item number 31, position in dumpfile 83%
----- TCP Header ----- - [34-65]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1157 (Unassigned) - [36-37]
Sequence number = 2750030632 - [38-41]
Acknowledgement number = 2188035899 - [42-45]
Header length = 32 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 012h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..1. = SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 17520 - [48-49]
Checksum = FFA0h - [50-51]
Urgent pointer = 0 - [52-53]
Options = 12 bytes - [54-65]
 Code = 2 (MSS)
 Required MSS: 1460
 Other Options
===================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 00 34 E5 B0 | 40 00 80 06 | FF A9 AC 10 | 5E 97 AC 10 [.4..@.......^...]
* 5E B1 00 50 | 04 85 A3 EA | 23 28 82 6A | C7 3B 80 12 [^..P....#(.j.i..]
* 44 70 FF A0 | 00 00 02 04 | 05 B4 01 03 | 03 00 01 01 [Dp..............]
* 04 02       |             |             |             [..]

######


Item number 32, position in dumpfile 84%
----- TCP Header ----- - [34-53]
Source port = 1157 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 2188035899 - [38-41]
Acknowledgement number = 2750030633 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 010h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 64240 - [48-49]
Checksum = 1584h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request -----
[0 byte(s) of data]
===================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 28 03 D9 | 40 00 40 06 | 21 8E AC 10 | 5E B1 AC 10 [.(..@.@.!...^...]
* 5E 97 04 85 | 00 50 82 6A | C7 3B A3 EA | 23 29 50 10 [^....P.j.i..#)P.]
* FA F0 15 84 | 00 00       |             |             [......]

######


Item number 33, position in dumpfile 90%
----- TCP Header ----- - [34-53]
Source port = 1157 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 2188035899 - [38-41]
Acknowledgement number = 2750030633 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 018h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
```

```
  0000 00.1 .... = Acknowledgement - {46-47}
  0000 00.. 1... = Push - {46-47}
  0000 00.. .0.. = No reset - {46-47}
  0000 00.. ..0. = No SYN - {46-47}
  0000 00.. ...0 = No FIN - {46-47}
 Window = 64240 - [48-49]
 Checksum = 17A1h - [50-51]
 Urgent pointer = 0 - [52-53]
 No TCP options
 ----- HTTP Client Request ----- - [54-594]
 [541 byte(s) of data]
  GET /rubi/TD5/SolutionSessionPHP/Deconnexion.php HTTP/1.1 - [54-110]
  Accept: image/gif, image/x-xbitmap, image/jpeg, image/pjpeg, application/x-shockwave-flash, appl ... -
 [113-284]
  Referer: http://dormeur/rubi/TD5/SolutionSessionPHP/RechercheAuteurs.php - [287-358]
  Accept-Language: fr - [361-379]
  Accept-Encoding: gzip, deflate - [382-411]
  User-Agent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; SV1; .NET CLR 1.1.4322) - [414-499]
  Host: dormeur - [502-514]
  Connection: Keep-Alive - [517-538]
  Cookie: PHPSESSID=608cb1cac9eca7e32d36ca754648c48c - [541-590]
 =========================================================================
 * 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
 * 02 45 03 DA | 40 00 40 06 | 1F 70 AC 10 | 5E B1 AC 10 [.E..@.@..p..^...]
 * 5E 97 04 85 | 00 50 82 6A | C7 3B A3 EA | 23 29 50 18 [^....P.j.;..#)P.]
 * FA F0 17 A1 | 00 00 47 45 | 54 20 2F 72 | 75 62 69 2F [......GET /rubi/]
 * 54 44 35 2F | 53 6F 6C 75 | 74 69 6F 6E | 53 65 73 73 [TD5/SolutionSess]
 * 69 6F 6E 50 | 48 50 2F 44 | 65 63 6F 6E | 6E 65 78 69 [ionPHP/Deconnexi]
 * 6F 6E 2E 70 | 68 70 20 48 | 54 54 50 2F | 31 2E 31 0D [on.php HTTP/1.1.]
 * 0A 41 63 63 | 65 70 74 3A | 20 69 6D 61 | 67 65 2F 67 [.Accept: image/g]
 * 69 66 2C 20 | 69 6D 61 67 | 65 2F 78 2D | 78 62 69 74 [if, image/x-xbit]
 * 6D 61 70 2C | 20 69 6D 61 | 67 65 2F 6A | 70 65 67 2C [map, image/jpeg,]
 * 20 69 6D 61 | 67 65 2F 70 | 6A 70 65 67 | 2C 20 61 70 [ image/pjpeg, ap]
 * 70 6C 69 63 | 61 74 69 6F | 6E 2F 78 2D | 73 68 6F 63 [plication/x-shoc]
 * 6B 77 61 76 | 65 2D 66 6C | 61 73 68 2C | 20 61 70 70 [kwave-flash, app]
 * 6C 69 63 61 | 74 69 6F 6E | 2F 76 6E 64 | 2E 6D 73 2D [lication/vnd.ms-]
 * 65 78 63 65 | 6C 2C 20 61 | 70 70 6C 69 | 63 61 74 69 [excel, applicati]
 * 6F 6E 2F 76 | 6E 64 2E 6D | 73 2D 70 6F | 77 65 72 70 [on/vnd.ms-powerp]
 * 6F 69 6E 74 | 2C 20 61 70 | 70 6C 69 63 | 61 74 69 6F [oint, applicatio]
 * 6E 2F 6D 73 | 77 6F 72 64 | 2C 20 2A 2F | 2A 0D 0A 52 [n/msword, */*..R]
 * 65 66 65 72 | 65 72 3A 20 | 68 74 74 70 | 3A 2F 2F 64 [eferer: http://d]
 * 6F 72 6D 65 | 75 72 2F 72 | 75 62 69 2F | 54 44 35 2F [ormeur/rubi/TD5/]
 * 53 6F 6C 75 | 74 69 6F 6E | 53 65 73 73 | 69 6F 6E 50 [SolutionSessionP]
 * 48 50 2F 52 | 65 63 68 65 | 72 63 68 65 | 41 75 74 65 [HP/RechercheAute]
 * 75 72 73 2E | 70 68 70 0D | 0A 41 63 63 | 65 70 74 2D [urs.php..Accept-]
 * 4C 61 6E 67 | 75 61 67 65 | 3A 20 66 72 | 0D 0A 41 63 [Language: fr..Ac]
 * 63 65 70 74 | 2D 45 6E 63 | 6F 64 69 6E | 67 3A 20 67 [cept-Encoding: g]
 * 7A 69 70 2C | 20 64 65 66 | 6C 61 74 65 | 0D 0A 55 73 [zip, deflate..Us]
 * 65 72 2D 41 | 67 65 6E 74 | 3A 20 4D 6F | 7A 69 6C 6C [er-Agent: Mozill]
 * 61 2F 34 2E | 30 20 28 63 | 6F 6D 70 61 | 74 69 62 6C [a/4.0 (compatibl]
 * 65 3B 20 4D | 53 49 45 20 | 36 2E 30 3B | 20 57 69 6E [e; MSIE 6.0; Win]
 * 64 6F 77 73 | 20 4E 54 20 | 35 2E 31 3B | 20 53 56 31 [dows NT 5.1; SV1]
 * 3B 20 2E 4E | 45 54 20 43 | 4C 52 20 31 | 2E 31 2E 34 [; .NET CLR 1.1.4]
 * 33 32 32 29 | 0D 0A 48 6F | 73 74 3A 20 | 64 6F 72 6D [322)..Host: dorm]
 * 65 75 72 0D | 0A 43 6F 6E | 6E 65 63 74 | 69 6F 6E 3A [eur..Connection:]
 * 20 4B 65 65 | 70 2D 41 6C | 69 76 65 0D | 0A 43 6F 6F [ Keep-Alive..Coo]
 * 6B 69 65 3A | 20 50 48 50 | 53 45 53 53 | 49 44 3D 36 [kie: PHPSESSID=6]
 * 30 38 63 62 | 31 63 61 63 | 39 65 63 61 | 37 65 33 32 [08cb1cac9eca7e32]
 * 64 33 36 63 | 61 37 35 34 | 36 34 38 63 | 34 38 63 0D [d36ca754648c48c.]
 * 0A 0D 0A    |             |             |             [...]

######


Item number 34, position in dumpfile 94%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1157 (Unassigned) - [36-37]
Sequence number = 2750030633 - [38-41]
Acknowledgement number = 2188036440 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 018h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
```

```
  0000 00.1 .... = Acknowledgement - {46-47}
  0000 00.. 1... = Push - {46-47}
  0000 00.. .0.. = No reset - {46-47}
  0000 00.. ..0. = No SYN - {46-47}
  0000 00.. ...0 = No FIN - {46-47}
 Window = 16979 - [48-49]
 Checksum = 0647h - [50-51]
 Urgent pointer = 0 - [52-53]
 No TCP options
 ----- HTTP Server Reply ----- - [54-429]
 [376 byte(s) of data]
  HTTP/1.1 200 OK - [54-68]
  Server: Microsoft-IIS/5.0 - [71-95]
  Date: Sat, 21 Jan 2006 09:30:41 GMT - [98-132]
  X-Powered-By: ASP.NET - [135-155]
  Connection: close - [158-174]
  Content-type: text/html - [177-199]
  X-Powered-By: PHP/5.0.4 - [202-224]
  Set-Cookie: PHPSESSID=608cb1cac9eca7e32d36ca754648c48c; path=/ - [227-288]
  Expires: Thu, 19 Nov 1981 08:52:00 GMT - [291-328]
  Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0 - [331-407]
  Pragma: no-cache - [410-425]
 =========================================================================
 * 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
 * 01 A0 E5 B1 | 40 00 80 06 | FE 3C AC 10 | 5E 97 AC 10 [....@....<..^...]
 * 5E B1 00 50 | 04 85 A3 EA | 23 29 82 6A | C9 58 50 18 [^..P....#).j.XP.]
 * 42 53 06 47 | 00 00 48 54 | 54 50 2F 31 | 2E 31 20 32 [BS.G..HTTP/1.1 2]
 * 30 30 20 4F | 4B 0D 0A 53 | 65 72 76 65 | 72 3A 20 4D [00 OK..Server: M]
 * 69 63 72 6F | 73 6F 66 74 | 2D 49 49 53 | 2F 35 2E 30 [icrosoft-IIS/5.0]
 * 0D 0A 44 61 | 74 65 3A 20 | 53 61 74 2C | 20 32 31 20 [..Date: Sat, 21 ]
 * 4A 61 6E 20 | 32 30 30 36 | 20 30 39 3A | 33 30 3A 34 [Jan 2006 09:30:4]
 * 31 20 47 4D | 54 0D 0A 58 | 2D 50 6F 77 | 65 72 65 64 [1 GMT..X-Powered]
 * 2D 42 79 3A | 20 41 53 50 | 2E 4E 45 54 | 0D 0A 43 6F [-By: ASP.NET..Co]
 * 6E 6E 65 63 | 74 69 6F 6E | 3A 20 63 6C | 6F 73 65 0D [nnection: close.]
 * 0A 43 6F 6E | 74 65 6E 74 | 2D 74 79 70 | 65 3A 20 74 [.Content-type: t]
 * 65 78 74 2F | 68 74 6D 6C | 0D 0A 58 2D | 50 6F 77 65 [ext/html..X-Powe]
 * 72 65 64 2D | 42 79 3A 20 | 50 48 50 2F | 35 2E 30 2E [red-By: PHP/5.0.]
 * 34 0D 0A 53 | 65 74 2D 43 | 6F 6F 6B 69 | 65 3A 20 50 [4..Set-Cookie: P]
 * 48 50 53 45 | 53 53 49 44 | 3D 36 30 38 | 63 62 31 63 [HPSESSID=608cb1c]
 * 61 63 39 65 | 63 61 37 65 | 33 32 64 33 | 36 63 61 37 [ac9eca7e32d36ca7]
 * 35 34 36 34 | 38 63 34 38 | 63 3B 20 70 | 61 74 68 3D [54648c48c; path=]
 * 2F 0D 0A 45 | 78 70 69 72 | 65 73 3A 20 | 54 68 75 2C [/..Expires: Thu,]
 * 20 31 39 20 | 4E 6F 76 20 | 31 39 38 31 | 20 30 38 3A [ 19 Nov 1981 08:]
 * 35 32 3A 30 | 30 20 47 4D | 54 0D 0A 43 | 61 63 68 65 [52:00 GMT..Cache]
 * 2D 43 6F 6E | 74 72 6F 6C | 3A 20 6E 6F | 2D 73 74 6F [-Control: no-sto]
 * 72 65 2C 20 | 6E 6F 2D 63 | 61 63 68 65 | 2C 20 6D 75 [re, no-cache, mu]
 * 73 74 2D 72 | 65 76 61 6C | 69 64 61 74 | 65 2C 20 70 [st-revalidate, p]
 * 6F 73 74 2D | 63 68 65 63 | 6B 3D 30 2C | 20 70 72 65 [ost-check=0, pre]
 * 2D 63 68 65 | 63 6B 3D 30 | 0D 0A 50 72 | 61 67 6D 61 [-check=0..Pragma]
 * 3A 20 6E 6F | 2D 63 61 63 | 68 65 0D 0A | 0D 0A       [: no-cache....]

######


Item number 35, position in dumpfile 97%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1157 (Unassigned) - [36-37]
Sequence number = 2750031009 - [38-41]
Acknowledgement number = 2188036440 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 019h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 1... = Push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...1 = FIN - {46-47}
 Window = 16979 - [48-49]
 Checksum = 10A8h - [50-51]
 Urgent pointer = 0 - [52-53]
 No TCP options
 ----- HTTP Server Reply ----- - [54-351]
```

```
[298 byte(s) of data]
===========================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 01 52 E5 B2 | 40 00 80 06 | FE 89 AC 10 | 5E 97 AC 10 [.R..@.......^...]
* 5E B1 00 50 | 04 85 A3 EA | 24 A1 82 6A | C9 58 50 19 [^..P....$..j.XP.]
* 42 53 10 A8 | 00 00 20 20 | 0D 0A 0D 0A | 3C 68 74 6D [BS.... ....<htm]
* 6C 3E 0D 0A | 3C 68 65 61 | 64 3E 0D 0A | 3C 4C 49 4E [l>..<head>..<LIN]
* 4B 20 72 65 | 6C 3D 73 74 | 79 6C 65 73 | 68 65 65 74 [K rel=stylesheet]
* 20 74 79 70 | 65 3D 22 74 | 65 78 74 2F | 63 73 73 22 [ type="text/css"]
* 20 68 72 65 | 66 3D 22 6D | 6F 6E 74 73 | 79 6C 65 2E [ href="monstyle.]
* 63 73 73 22 | 3E 0D 0A 0D | 0A 3C 74 69 | 74 6C 65 3E [css">....<title>]
* 42 69 62 6C | 69 6F 74 68 | E8 71 75 65 | 3C 2F 74 69 [Biblioth.que</ti]
* 74 6C 65 3E | 0D 0A 3C 2F | 68 65 61 64 | 3E 0D 0A 3C [tle>..</head>..<]
* 62 6F 64 79 | 3E 0D 0A 3C | 50 3E 20 42 | 6F 6E 6A 6F [body>..<P> Bonjo]
* 75 72 20 0D | 0A 61 3C 62 | 72 3E 0D 0A | 0D 0A 3C 61 [ur ..a<br>....<a]
* 3C 68 31 3E | 42 69 62 6C | 69 6F 74 68 | E8 71 75 65 [<h1>Biblioth.que]
* 3C 2F 68 31 | 3E 0D 0A 0D | 0A 0D 0A 20 | 4D 65 72 63 [</h1>...... Merc]
* 69 20 64 65 | 20 76 6F 74 | 72 65 20 76 | 69 73 69 74 [i de votre visit]
* 65 20 0D 0A | 3C 48 34 3E | 3C 41 20 68 | 72 65 66 3D [e ..<H4><A href=]
* 22 68 74 74 | 70 3A 2F 2F | 77 77 77 2E | 69 6E 66 6F ["http://www.info]
* 2E 69 75 74 | 2E 75 2D 62 | 6F 72 64 65 | 61 75 78 31 [.iut.u-bordeaux1]
* 2E 66 72 22 | 3E 51 75 69 | 74 74 65 72 | 3C 2F 41 3E [.fr">Quitter</A>]
* 3C 2F 48 34 | 3E 20 3C 62 | 72 3E 0D 0A | 3C 2F 62 6F [</H4> <br>..</bo]
* 64 79 3E 0D | 0A 3C 2F 68 | 74 6D 6C 3E | 0D 0A 0D 0A [dy>..</html>....]

######


Item number 36, position in dumpfile 98%
----- TCP Header ----- - [34-53]
Source port = 1157 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 2188036440 - [38-41]
Acknowledgement number = 2750031308 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 010h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 64071 - [48-49]
Checksum = 1584h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request -----
[0 byte(s) of data]
===========================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 28 03 DC | 40 00 40 06 | 21 8B AC 10 | 5E B1 AC 10 [.(..@.@.!...^...]
* 5E 97 04 85 | 00 50 82 6A | C9 58 A3 EA | 25 CC 50 10 [^....P.j.X..%.P.]
* FA 47 15 84 | 00 00       |             |             [.G....]

######


Item number 37, position in dumpfile 99%
----- TCP Header ----- - [34-53]
Source port = 1157 (Unassigned) - [34-35]
Destination port = 80 (www-http (World Wide Web HTTP)) - [36-37]
Sequence number = 2188036440 - [38-41]
Acknowledgement number = 2750031308 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 011h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - [46-47]
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...1 = FIN - {46-47}
Window = 64071 - [48-49]
Checksum = 1584h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Client Request -----
[0 byte(s) of data]
===========================================================================
* 00 0A 5E 44 | D6 56 00 08 | 74 E6 6B C1 | 08 00 45 00 [..^D.V..t.k...E.]
* 00 28 03 DD | 40 00 40 06 | 21 8A AC 10 | 5E B1 AC 10 [.(..@.@.!...^...]
* 5E 97 04 85 | 00 50 82 6A | C9 58 A3 EA | 25 CC 50 11 [^....P.j.X..%.P.]
* FA 47 15 84 | 00 00       |             |             [.G....]

######


Item number 38, position in dumpfile 100%
----- TCP Header ----- - [34-53]
Source port = 80 (www-http (World Wide Web HTTP)) - [34-35]
Destination port = 1157 (Unassigned) - [36-37]
Sequence number = 2750031308 - [38-41]
Acknowledgement number = 2188036441 - [42-45]
Header length = 20 bytes - {46-46}
6 Reserved bits & 6 bits Flags = 010h - {46-47}
 0000 00.. .... = 6 Reserved bits, for future usage, which have to be 0 - {46-47}
 0000 000. .... = No urgent pointer - {46-47}
 0000 00.1 .... = Acknowledgement - {46-47}
 0000 00.. 0... = No push - {46-47}
 0000 00.. .0.. = No reset - {46-47}
 0000 00.. ..0. = No SYN - {46-47}
 0000 00.. ...0 = No FIN - {46-47}
Window = 16979 - [48-49]
Checksum = 3DC8h - [50-51]
Urgent pointer = 0 - [52-53]
No TCP options
----- HTTP Server Reply ----- - [54-59]
[6 byte(s) of data]
===========================================================================
* 00 08 74 E6 | 6B C1 00 0A | 5E 44 D6 56 | 08 00 45 00 [..t.k...^D.V..E.]
* 00 28 E5 B3 | 40 00 80 06 | FF B2 AC 10 | 5E 97 AC 10 [.(..@.......^...]
* 5E B1 00 50 | 04 85 A3 EA | 25 CC 82 6A | C9 59 50 10 [^..P....%..j.YP.]
* 42 53 3D C8 | 00 00 00 00 | 00 00 00 00 |             [BS=.........]

######
```