i春秋misc-可恶的黑客-150分

原创

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分类专栏： ctf题解

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题目链接: https://pan.baidu.com/s/1QmVlSuLydb6Cf_UOr4LcRA 密码: 08bu

做题感受：常规题，一般思路即可。

题目分析

这题属于流量包分析，应用层协议是http，那么主要分析http就行。查看分析每一个tcp流，分析第二道流的时候发现一个图片hack.png(想法：可能是线索，搞出来分析一波)

将图片复制出来，分析无果。继续下一道流。

在分析过程中，我们可以发现有两个人利用1.php(webshell)进行交易（留言）。根据谈话的内容我们知道交易的对象就是flag。

14道流里面给出了线索，根据线索继续查看流

```
Content-Transfer-Encoding: binary
Vary: Accept-Encoding
Content-Encoding: gzip
Content-Length: 24074
Keep-Alive: timeout=15, max=100
Connection: Keep-Alive
Content-Type: text/html

.........=|.P.M.......%8....%H.....'.Cp'.].w.......{...US.5......s....
(5.Y4dbd...&/'...@a.w ..\1b...8!9.....(8..P..l....n.............0f.......$.......$].....
(=m.l(.l.)e.....h.....y)q-..i....u....+.AL...rrI9w.X]..} ....9.....9..NUp.[..>....
.n;........r....+..T.|V.f[y9.._BS.*....lS...[...>v..)...N.{m.\{..O.hj...(g.:..@=1O.
(g.c8.........D.7.V./0...=P.^.d....I......t.....c.x<.....
7......x.....E.@..rrr...F.......X.....j...L.c.BK[[.8 ...S........`S.........#Q..
4~..K....?....T..4.......Sp........_........}........
%..O.I.o.......Kp...|.R.@.~...",/.D}..c>..[.p*......'i...AZ.7'..Pk"..L .....7...d[..
```

Packet 28. 1 client pkt, 17 server pkts, 1 turn. Click to select.

Entire conversation (24 kB) | Show and save data as ASCII | Stream 2

Find: | Find Next

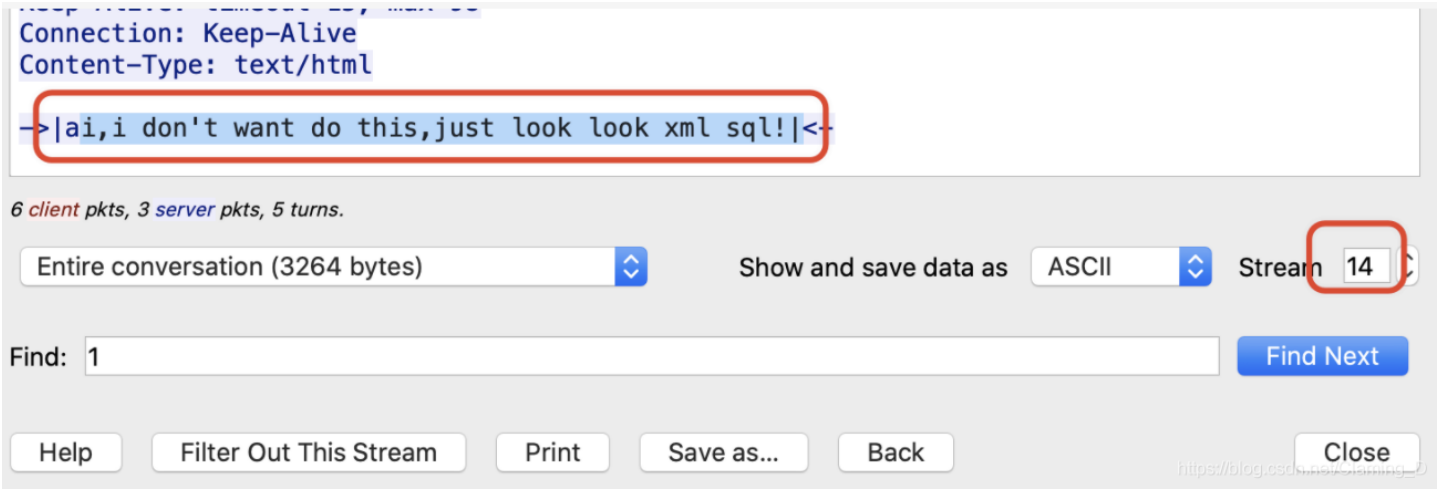
Help | Filter Out This Stream | Print | Save as... | Back | Close

在16道流中发现 `hnt.txt`

```
.P..q.k!=..5.....6.{yi....4.9..........G.i.}...h.....v........`og.
8;..&..]...e..K.>....~.v?.._J....W.~e..POST /upload/example1.php HTTP/1.1
Host: 10.211.55.15
Content-Type: multipart/form-data; boundary=----WebKitFormBoundaryBMPTIeB4An19V1ou
Origin: http://10.211.55.15
Accept-Encoding: gzip, deflate
Connection: keep-alive
Upgrade-Insecure-Requests: 1
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_12_5) AppleWebKit/603.2.4 (KHTML,
like Gecko) Version/10.1.1 Safari/603.2.4
Referer: http://10.211.55.15/upload/example1.php
Content-Length: 384
Accept-Language: zh-cn

------WebKitFormBoundaryBMPTIeB4An19V1ou
Content-Disposition: form-data; name="image"; filename="hnt.txt"
Content-Type: text/plain

&#102;&#49;&#97;&#103;&#123;&#115;&#105;&#49;&#49;&#121;&#98;&#48;&#121;&#101;&#109;&#109;
&#109;&#125;
------WebKitFormBoundaryBMPTIeB4An19V1ou
Content-Disposition: form-data; name="send"

Send file
------WebKitFormBoundaryBMPTIeB4An19V1ou
HTTP/1.1 200 OK
Date: Wed, 09 Aug 2017 02:48:09 GMT
Server: Apache/2.2.16 (Debian)
X-Powered-By: PHP/5.3.3-7+squeeze15
```

Packet 458. 7 client pkts, 21 server pkts, 7 turns. Click to select.

Entire conversation (30 kB) | Show and save data as ASCII | Stream 16



发送的内容是Unicode编码的

```
&#102;&#49;&#97;&#103;&#123;&#115;&#105;&#49;&#49;&#121;&#98;&#48;&#121;&#101;&#109;&#109;&#109;&#125;
```

解码得到：

f1ag{si11yb0yemmm}	f1ag{si11yb0yemmm}

```
f1ag{si11yb0yemmm}
```

将1改为l即：`flag{si11yb0yemmm}`

总结

考察http协议内容的分析，出题类型比较常规。