Name	Last commit message	Last commit date
..		
2_1.png	Add writeups for 0xL4ugh CTF 2024	last week
2_2.png	Add writeups for 0xL4ugh CTF 2024	last week
2_3.png	Add writeups for 0xL4ugh CTF 2024	last week
2_4.png	Add writeups for 0xL4ugh CTF 2024	last week
2_5.png	Add writeups for 0xL4ugh CTF 2024	last week
2_6.png	Add writeups for 0xL4ugh CTF 2024	last week
2_7.png	Add writeups for 0xL4ugh CTF 2024	last week
2_7.png	Add writeups for 0xL4ugh CTF 2024	last week
2_8.png	Add writeups for 0xL4ugh CTF 2024	last week
2_9.png	Add writeups for 0xL4ugh CTF 2024	last week
readme.md	Add writeups for 0xL4ugh CTF 2024	last week

readme.md

WordPress - 2

[Medium]

Same file from WordPress - 1

Q1. During enumeration, the attacker tried to identify users on the site. List all the users that the attacker enumerated. Seperate them with `:`. Sort them by alphabetical order.

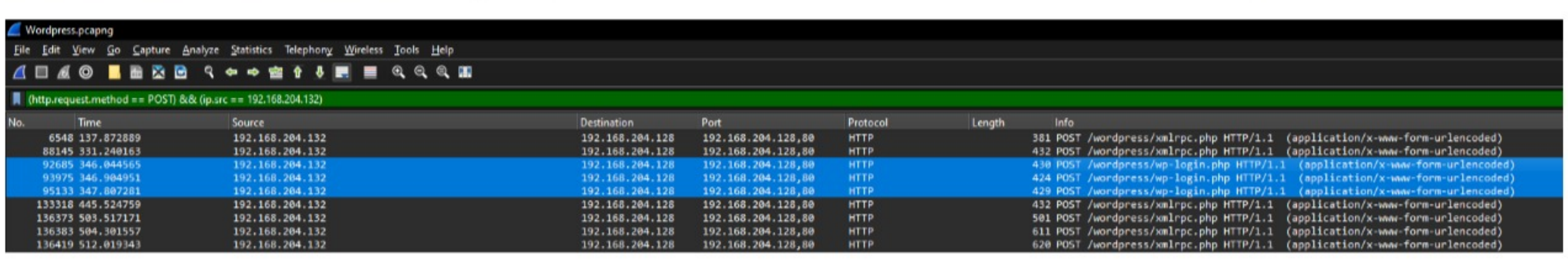
Q2. After enumeration, a brute force attack was launched against all users. The attacker successfully gained access to one of the accounts. What are the username and password for that account, and what is the name of the page used for the brute force attack?

Flag Format `0xL4ugh{A1_A2}`

Example: `0xL4ugh{username1:username2_username:password_pageName.ext}`

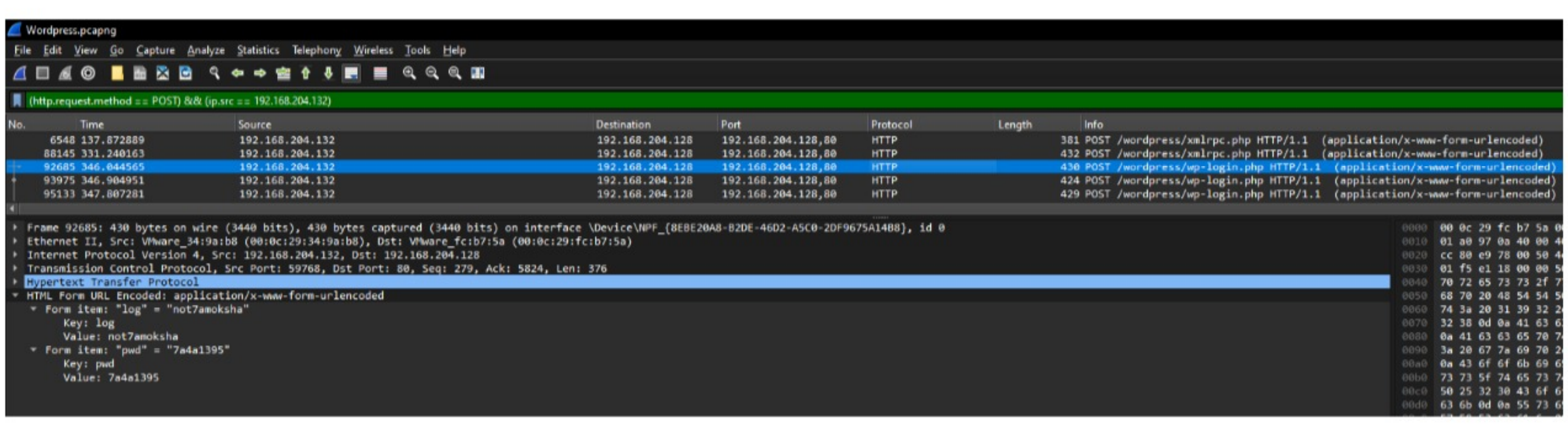
Solution:

I decided to check if the attacker tried to login via `(http.request.method == POST) && (ip.src == 192.168.204.132)`

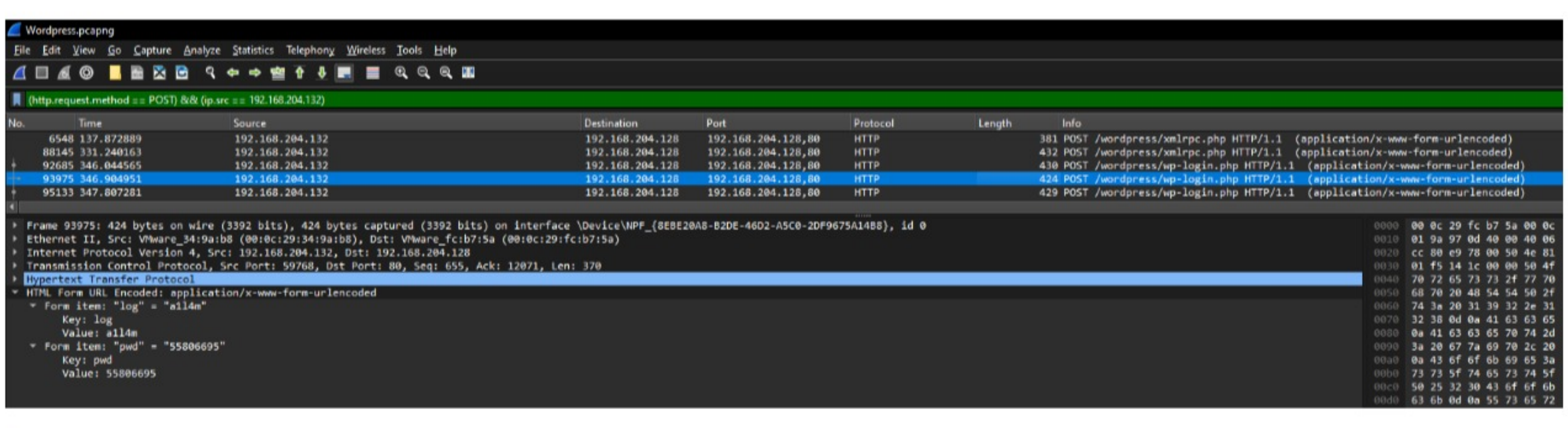


```
Wordpress.pcapng
(http.request.method == POST) && (ip.src == 192.168.204.132)
No.    Time        Source           Destination      Port                Protocol  Length  Info
  6548 137.872889  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      381 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
 88145 331.240163  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      432 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
 92685 346.044565  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      430 POST /wordpress/wp-login.php HTTP/1.1  (application/x-www-form-urlencoded)
 93975 346.904951  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      424 POST /wordpress/wp-login.php HTTP/1.1  (application/x-www-form-urlencoded)
 95133 347.807281  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      429 POST /wordpress/wp-login.php HTTP/1.1  (application/x-www-form-urlencoded)
133318 445.524759  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      432 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136373 503.517171  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      501 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136383 504.301557  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      611 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136419 512.019343  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      620 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
```

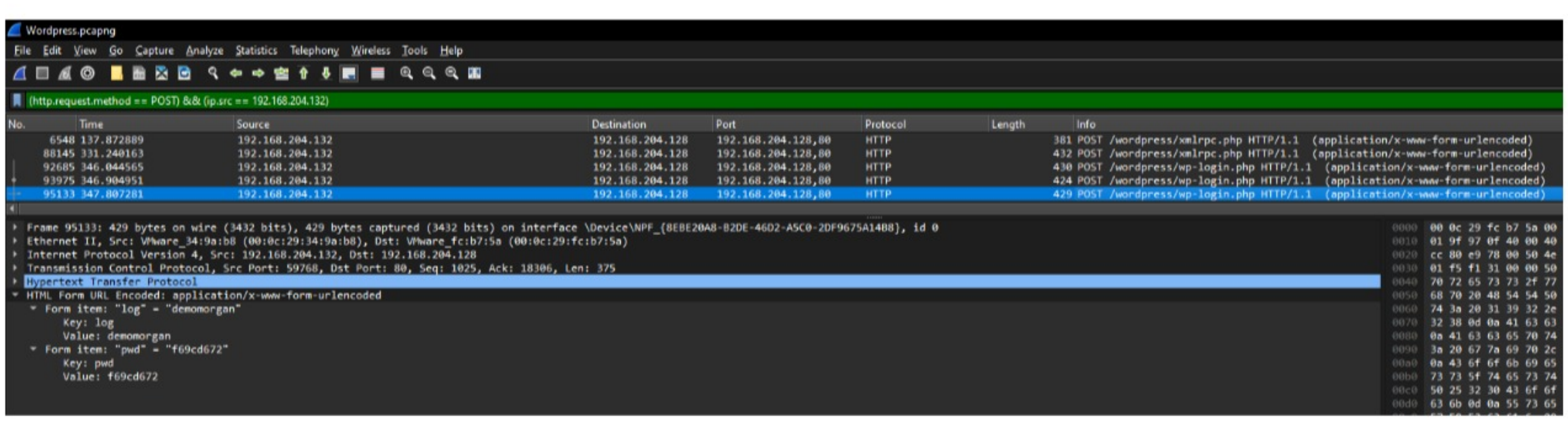
We have three attempts!



```
Wordpress.pcapng
(http.request.method == POST) && (ip.src == 192.168.204.132)
No.    Time        Source           Destination      Port                Protocol  Length  Info
  6548 137.872889  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      381 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
 88145 331.240163  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      432 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
 92685 346.044565  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      430 POST /wordpress/wp-login.php HTTP/1.1  (application/x-www-form-urlencoded)
 93975 346.904951  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      424 POST /wordpress/wp-login.php HTTP/1.1  (application/x-www-form-urlencoded)
 95133 347.807281  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      429 POST /wordpress/wp-login.php HTTP/1.1  (application/x-www-form-urlencoded)

> Frame 92685: 430 bytes on wire (3440 bits), 430 bytes captured (3440 bits) on interface \Device\NPF_{8EBE20A8-B2DE-46D2-A5C0-2DF9675A14B8}, id 0
> Ethernet II, Src: VMware_34:9a:b8 (00:0c:29:34:9a:b8), Dst: VMware_fc:b7:5a (00:0c:29:fc:b7:5a)
> Internet Protocol Version 4, Src: 192.168.204.132, Dst: 192.168.204.128
> Transmission Control Protocol, Src Port: 59768, Dst Port: 80, Seq: 279, Ack: 5824, Len: 376
> Hypertext Transfer Protocol
v HTML Form URL Encoded: application/x-www-form-urlencoded
  v Form item: "log" = "not7amoksha"
      Key: log
      Value: not7amoksha
  v Form item: "pwd" = "7a4a1395"
      Key: pwd
      Value: 7a4a1395
```



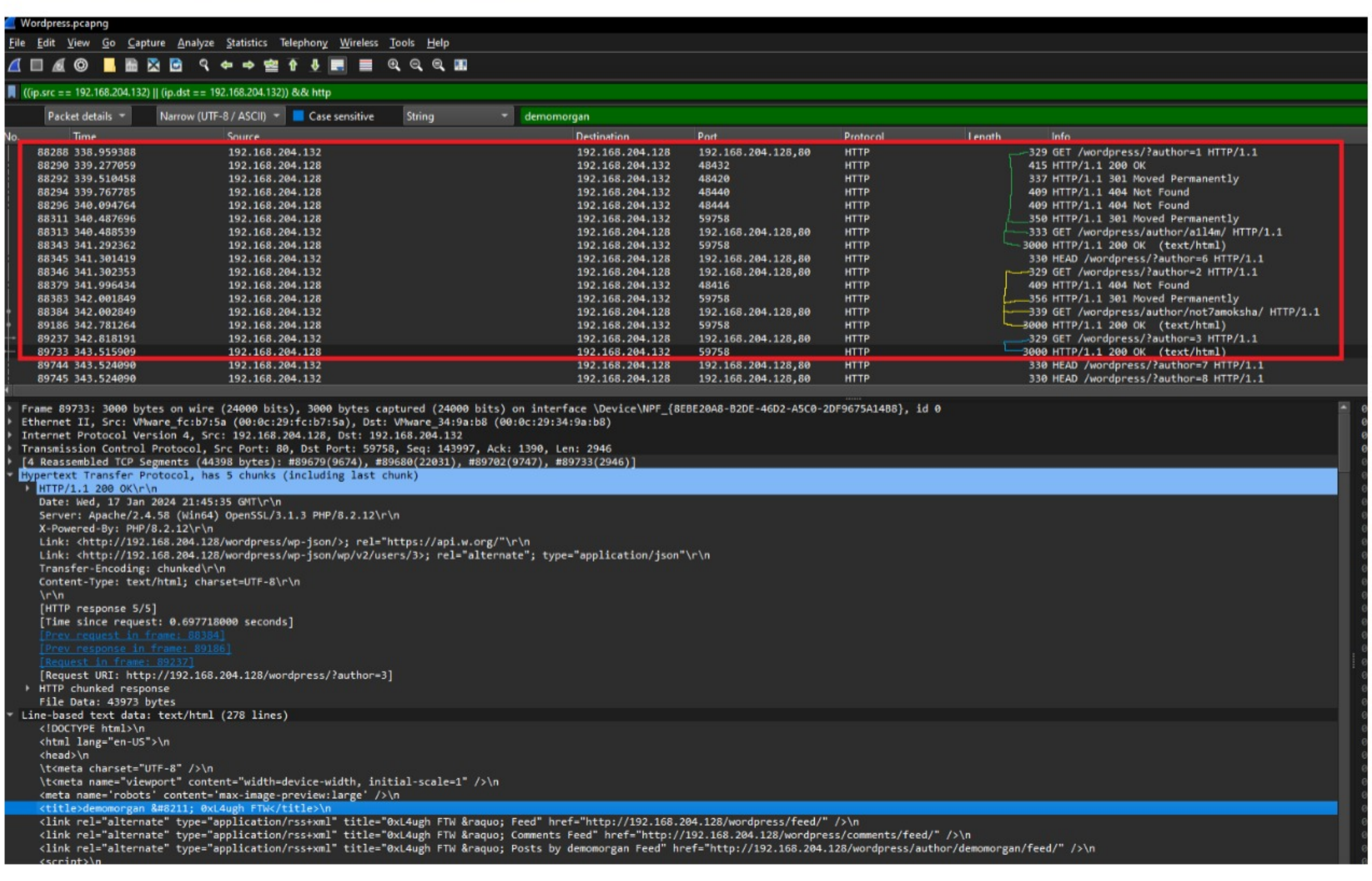
```
Wordpress.pcapng
(http.request.method == POST) && (ip.src == 192.168.204.132)
No.    Time        Source           Destination      Port                Protocol  Length  Info
  6548 137.872889  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      381 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
 88145 331.240163  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      432 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
 92685 346.044565  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      430 POST /wordpress/wp-login.php HTTP/1.1  (application/x-www-form-urlencoded)
 93975 346.904951  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      424 POST /wordpress/wp-login.php HTTP/1.1  (application/x-www-form-urlencoded)
 95133 347.807281  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      429 POST /wordpress/wp-login.php HTTP/1.1  (application/x-www-form-urlencoded)

> Frame 93975: 424 bytes on wire (3392 bits), 424 bytes captured (3392 bits) on interface \Device\NPF_{8EBE20A8-B2DE-46D2-A5C0-2DF9675A14B8}, id 0
> Ethernet II, Src: VMware_34:9a:b8 (00:0c:29:34:9a:b8), Dst: VMware_fc:b7:5a (00:0c:29:fc:b7:5a)
> Internet Protocol Version 4, Src: 192.168.204.132, Dst: 192.168.204.128
> Transmission Control Protocol, Src Port: 59768, Dst Port: 80, Seq: 655, Ack: 12071, Len: 370
> Hypertext Transfer Protocol
v HTML Form URL Encoded: application/x-www-form-urlencoded
  v Form item: "log" = "a114m"
      Key: log
      Value: a114m
  v Form item: "pwd" = "55806695"
      Key: pwd
      Value: 55806695
```



```
Wordpress.pcapng
(http.request.method == POST) && (ip.src == 192.168.204.132)
No.    Time        Source           Destination      Port                Protocol  Length  Info
  6548 137.872889  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      381 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
 88145 331.240163  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      432 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
 92685 346.044565  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      430 POST /wordpress/wp-login.php HTTP/1.1  (application/x-www-form-urlencoded)
 93975 346.904951  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      424 POST /wordpress/wp-login.php HTTP/1.1  (application/x-www-form-urlencoded)
 95133 347.807281  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      429 POST /wordpress/wp-login.php HTTP/1.1  (application/x-www-form-urlencoded)

> Frame 95133: 429 bytes on wire (3432 bits), 429 bytes captured (3432 bits) on interface \Device\NPF_{8EBE20A8-B2DE-46D2-A5C0-2DF9675A14B8}, id 0
> Ethernet II, Src: VMware_34:9a:b8 (00:0c:29:34:9a:b8), Dst: VMware_fc:b7:5a (00:0c:29:fc:b7:5a)
> Internet Protocol Version 4, Src: 192.168.204.132, Dst: 192.168.204.128
> Transmission Control Protocol, Src Port: 59768, Dst Port: 80, Seq: 1025, Ack: 18306, Len: 375
> Hypertext Transfer Protocol
v HTML Form URL Encoded: application/x-www-form-urlencoded
  v Form item: "log" = "demomorgan"
      Key: log
      Value: demomorgan
  v Form item: "pwd" = "f69cd672"
      Key: pwd
      Value: f69cd672
```

Double-checked via `((ip.src == 192.168.204.132) || (ip.dst == 192.168.204.132)) && http` as well...

We can see that it was able to query those three authors.



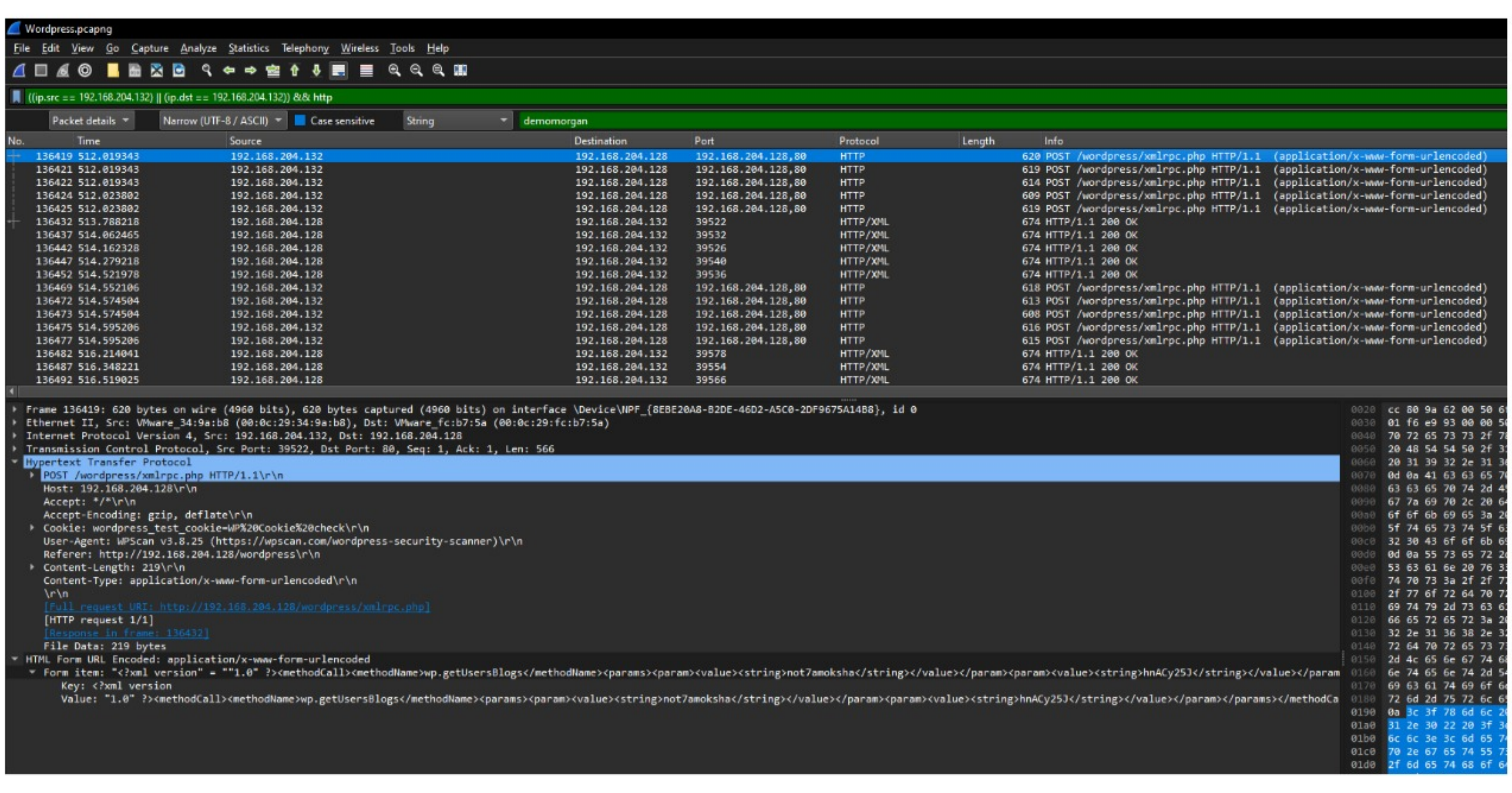
```
Wordpress.pcapng
((ip.src == 192.168.204.132) || (ip.dst == 192.168.204.132)) && http
Packet details  Narrow (UTF-8 / ASCII)  Case sensitive  String  demomorgan
No.   Time        Source           Destination      Port                Protocol  Length  Info
88288 338.959388  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      329 GET /wordpress/?author=1 HTTP/1.1
88290 339.277059  192.168.204.128  192.168.204.132  48432               HTTP      415 HTTP/1.1 200 OK
88292 339.510458  192.168.204.128  192.168.204.132  48420               HTTP      337 HTTP/1.1 301 Moved Permanently
88294 339.767785  192.168.204.128  192.168.204.132  48440               HTTP      409 HTTP/1.1 404 Not Found
88296 340.094764  192.168.204.128  192.168.204.132  48444               HTTP      409 HTTP/1.1 404 Not Found
88311 340.487696  192.168.204.128  192.168.204.132  59758               HTTP      350 HTTP/1.1 301 Moved Permanently
88313 340.488539  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      333 GET /wordpress/author/a114m/ HTTP/1.1
88343 341.292362  192.168.204.128  192.168.204.132  59758               HTTP      3000 HTTP/1.1 200 OK  (text/html)
88345 341.301419  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      330 HEAD /wordpress/?author=6 HTTP/1.1
88346 341.302353  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      329 GET /wordpress/?author=2 HTTP/1.1
88379 341.996434  192.168.204.128  192.168.204.132  48416               HTTP      409 HTTP/1.1 404 Not Found
88383 342.001849  192.168.204.128  192.168.204.132  59758               HTTP      356 HTTP/1.1 301 Moved Permanently
88384 342.002849  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      339 GET /wordpress/author/not7amoksha/ HTTP/1.1
89186 342.781264  192.168.204.128  192.168.204.132  59758               HTTP      3000 HTTP/1.1 200 OK  (text/html)
89237 342.818191  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      329 GET /wordpress/?author=3 HTTP/1.1
89733 343.515909  192.168.204.128  192.168.204.132  59758               HTTP      3000 HTTP/1.1 200 OK  (text/html)
89744 343.524090  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      330 HEAD /wordpress/?author=7 HTTP/1.1
89745 343.524090  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      330 HEAD /wordpress/?author=8 HTTP/1.1

> Frame 89733: 3000 bytes on wire (24000 bits), 3000 bytes captured (24000 bits) on interface \Device\NPF_{8EBE20A8-B2DE-46D2-A5C0-2DF9675A14B8}, id 0
> Ethernet II, Src: VMware_fc:b7:5a (00:0c:29:fc:b7:5a), Dst: VMware_34:9a:b8 (00:0c:29:34:9a:b8)
> Internet Protocol Version 4, Src: 192.168.204.128, Dst: 192.168.204.132
> Transmission Control Protocol, Src Port: 80, Dst Port: 59758, Seq: 143997, Ack: 1390, Len: 2946
> [4 Reassembled TCP Segments (44398 bytes): #89679(9674), #89680(22031), #89702(9747), #89733(2946)]
v Hypertext Transfer Protocol, has 5 chunks (including last chunk)
  > HTTP/1.1 200 OK\r\n
    Date: Wed, 17 Jan 2024 21:45:35 GMT\r\n
    Server: Apache/2.4.58 (Win64) OpenSSL/3.1.3 PHP/8.2.12\r\n
    X-Powered-By: PHP/8.2.12\r\n
    Link: <http://192.168.204.128/wordpress/wp-json/>; rel="https://api.w.org/"\r\n
    Link: <http://192.168.204.128/wordpress/wp-json/wp/v2/users/3>; rel="alternate"; type="application/json"\r\n
    Transfer-Encoding: chunked\r\n
    Content-Type: text/html; charset=UTF-8\r\n
    \r\n
    [HTTP response 5/5]
    [Time since request: 0.697718000 seconds]
    [Prev request in frame: 88384]
    [Prev response in frame: 89186]
    [Request in frame: 89237]
    [Request URI: http://192.168.204.128/wordpress/?author=3]
  > HTTP chunked response
    File Data: 43973 bytes
v Line-based text data: text/html (278 lines)
    <!DOCTYPE html>\n
    <html lang="en-US">\n
    <head>\n
    \t<meta charset="UTF-8" />\n
    \t<meta name="viewport" content="width=device-width, initial-scale=1" />\n
    <meta name='robots' content='max-image-preview:large' />\n
    <title>demomorgan &#8211; 0xL4ugh FTW</title>\n
    <link rel="alternate" type="application/rss+xml" title="0xL4ugh FTW &raquo; Feed" href="http://192.168.204.128/wordpress/feed/" />\n
    <link rel="alternate" type="application/rss+xml" title="0xL4ugh FTW &raquo; Comments Feed" href="http://192.168.204.128/wordpress/comments/feed/" />\n
    <link rel="alternate" type="application/rss+xml" title="0xL4ugh FTW &raquo; Posts by demomorgan Feed" href="http://192.168.204.128/wordpress/author/demomorgan/feed/" />\n
```

So it's `a114m:demomorgan:not7amoksha`

For Q2, I decided to continue with `((ip.src == 192.168.204.132) || (ip.dst == 192.168.204.132)) && http`

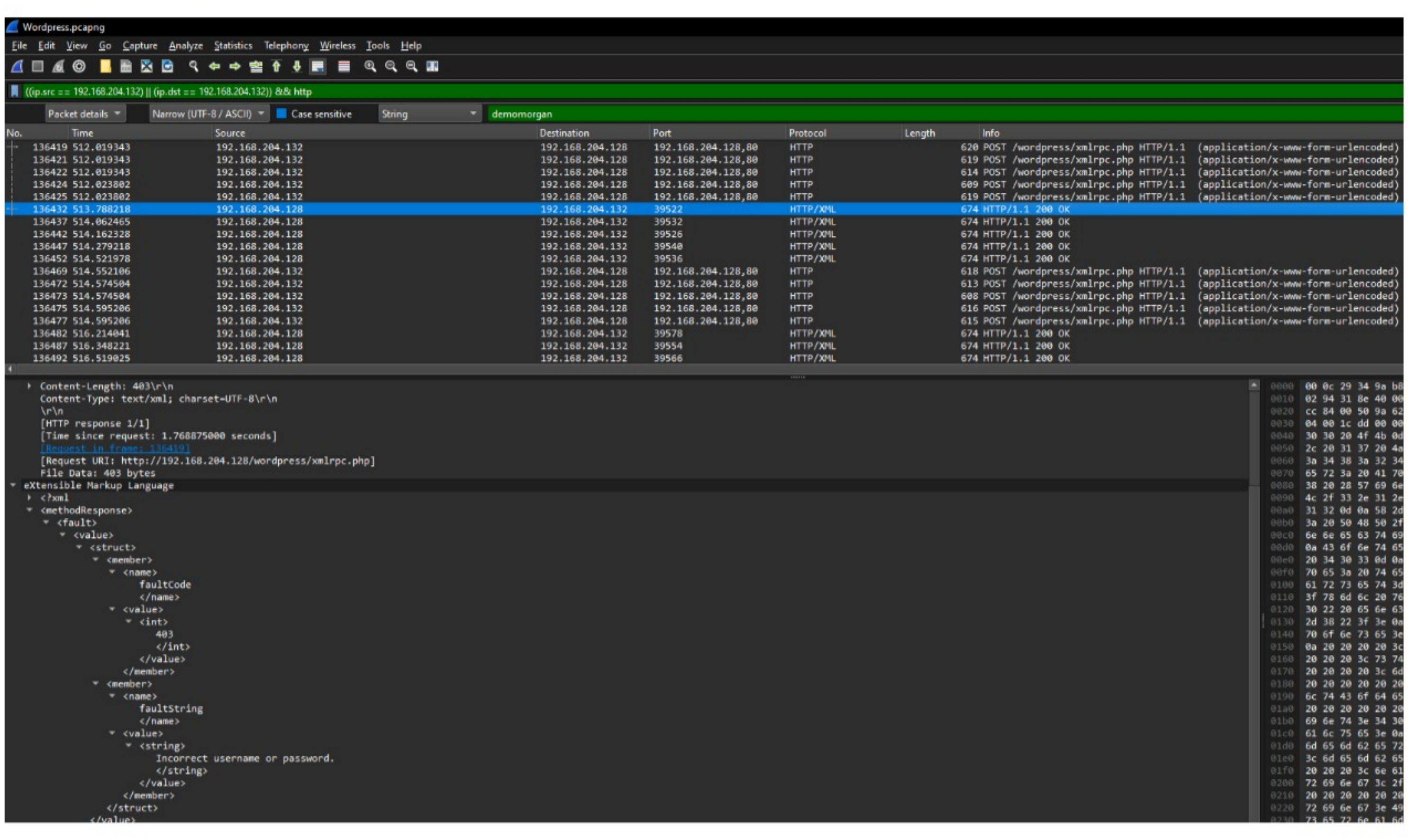
I noticed several POST requests to `/wordpress/xmlrpc.php`

Example, packet 136419, invokes `wp.getUsersBlogs` with two parameters, the username (in this case, it's `not7amoksha`), and another text which seems to be the password.



```
Wordpress.pcapng
((ip.src == 192.168.204.132) || (ip.dst == 192.168.204.132)) && http
Packet details  Narrow (UTF-8 / ASCII)  Case sensitive  String  demomorgan
No.    Time        Source           Destination      Port                Protocol  Length  Info
136419 512.019343  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      620 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136421 512.019343  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      619 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136422 512.019343  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      614 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136424 512.023802  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      609 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136425 512.023802  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      619 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136432 513.788218  192.168.204.128  192.168.204.132  39522               HTTP/XML  674 HTTP/1.1 200 OK
136437 514.062465  192.168.204.128  192.168.204.132  39532               HTTP/XML  674 HTTP/1.1 200 OK
136442 514.162328  192.168.204.128  192.168.204.132  39526               HTTP/XML  674 HTTP/1.1 200 OK
136447 514.279218  192.168.204.128  192.168.204.132  39540               HTTP/XML  674 HTTP/1.1 200 OK
136452 514.521978  192.168.204.128  192.168.204.132  39536               HTTP/XML  674 HTTP/1.1 200 OK
136469 514.552106  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      618 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136472 514.574504  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      613 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136473 514.574504  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      608 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136475 514.595206  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      616 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136477 514.595206  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      615 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136482 516.214041  192.168.204.128  192.168.204.132  39578               HTTP/XML  674 HTTP/1.1 200 OK
136487 516.348221  192.168.204.128  192.168.204.132  39554               HTTP/XML  674 HTTP/1.1 200 OK
136492 516.519025  192.168.204.128  192.168.204.132  39566               HTTP/XML  674 HTTP/1.1 200 OK

> Frame 136419: 620 bytes on wire (4960 bits), 620 bytes captured (4960 bits) on interface \Device\NPF_{8EBE20A8-B2DE-46D2-A5C0-2DF9675A14B8}, id 0
> Ethernet II, Src: VMware_34:9a:b8 (00:0c:29:34:9a:b8), Dst: VMware_fc:b7:5a (00:0c:29:fc:b7:5a)
> Internet Protocol Version 4, Src: 192.168.204.132, Dst: 192.168.204.128
> Transmission Control Protocol, Src Port: 39522, Dst Port: 80, Seq: 1, Ack: 1, Len: 566
v Hypertext Transfer Protocol
  > POST /wordpress/xmlrpc.php HTTP/1.1\r\n
    Host: 192.168.204.128\r\n
    Accept: */*\r\n
    Accept-Encoding: gzip, deflate\r\n
  > Cookie: wordpress_test_cookie=WP%20Cookie%20check\r\n
    User-Agent: WPScan v3.8.25 (https://wpscan.com/wordpress-security-scanner)\r\n
    Referer: http://192.168.204.128/wordpress\r\n
  > Content-Length: 219\r\n
    Content-Type: application/x-www-form-urlencoded\r\n
    \r\n
    [Full request URI: http://192.168.204.128/wordpress/xmlrpc.php]
    [HTTP request 1/1]
    [Response in frame: 136432]
    File Data: 219 bytes
v HTML Form URL Encoded: application/x-www-form-urlencoded
  v Form item: "<?xml version" = ""1.0" ?><methodCall><methodName>wp.getUsersBlogs</methodName><params><param><value><string>not7amoksha</string></value></param><param><value><string>hnACy25J</string></value></param
      Key: <?xml version
      Value: "1.0" ?><methodCall><methodName>wp.getUsersBlogs</methodName><params><param><value><string>not7amoksha</string></value></param><param><value><string>hnACy25J</string></value></param></params></methodCa
```

Looking at the response...

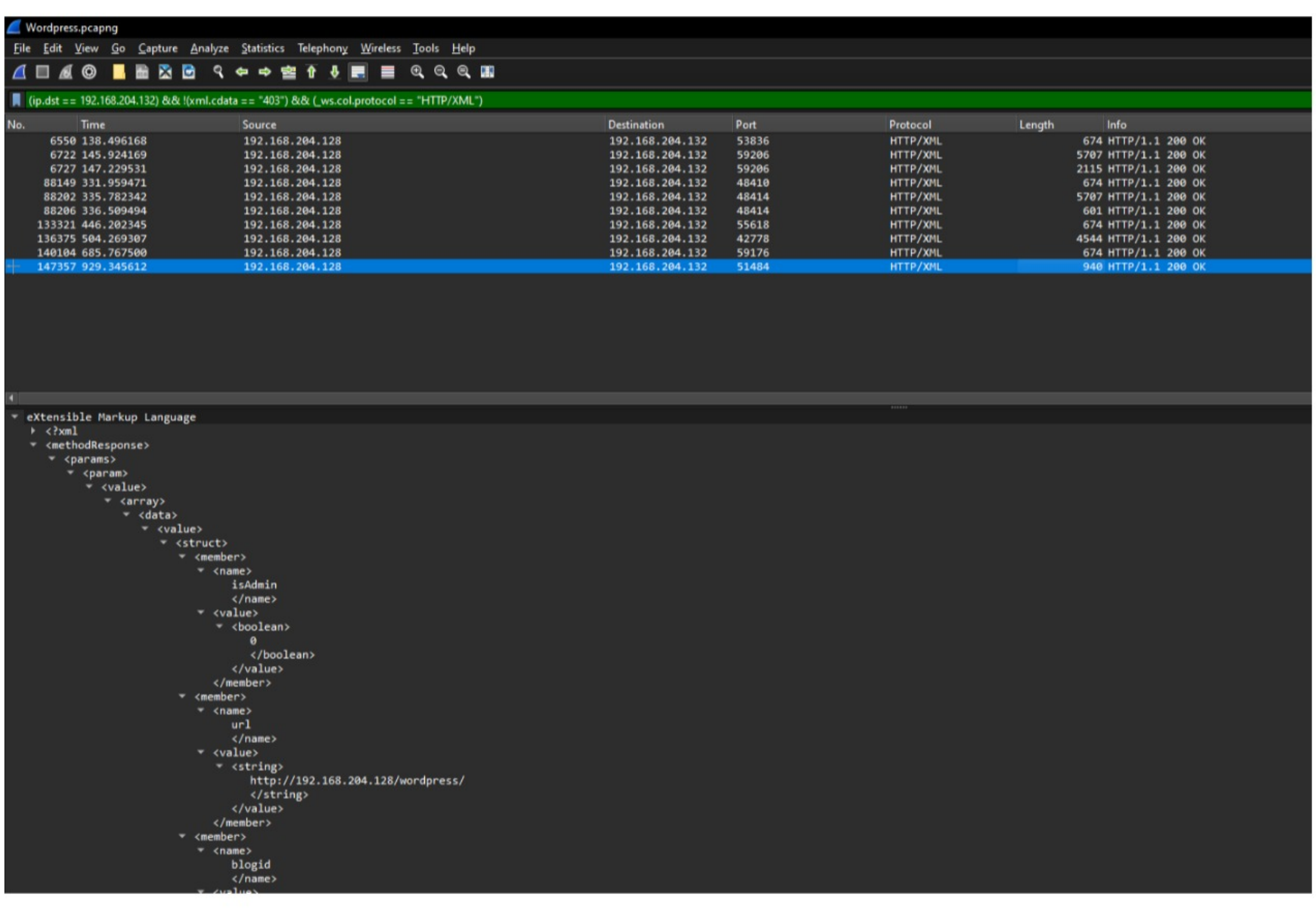


```
Wordpress.pcapng
((ip.src == 192.168.204.132) || (ip.dst == 192.168.204.132)) && http
Packet details  Narrow (UTF-8 / ASCII)  Case sensitive  String  demomorgan
No.    Time        Source           Destination      Port                Protocol  Length  Info
136419 512.019343  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      620 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136421 512.019343  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      619 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136422 512.019343  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      614 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136424 512.023802  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      609 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136425 512.023802  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      619 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136432 513.788218  192.168.204.128  192.168.204.132  39522               HTTP/XML  674 HTTP/1.1 200 OK
136437 514.062465  192.168.204.128  192.168.204.132  39532               HTTP/XML  674 HTTP/1.1 200 OK
136442 514.162328  192.168.204.128  192.168.204.132  39526               HTTP/XML  674 HTTP/1.1 200 OK
136447 514.279218  192.168.204.128  192.168.204.132  39540               HTTP/XML  674 HTTP/1.1 200 OK
136452 514.521978  192.168.204.128  192.168.204.132  39536               HTTP/XML  674 HTTP/1.1 200 OK
136469 514.552106  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      618 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136472 514.574504  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      613 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136473 514.574504  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      608 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136475 514.595206  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      616 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136477 514.595206  192.168.204.132  192.168.204.128  192.168.204.128,80  HTTP      615 POST /wordpress/xmlrpc.php HTTP/1.1  (application/x-www-form-urlencoded)
136482 516.214041  192.168.204.128  192.168.204.132  39578               HTTP/XML  674 HTTP/1.1 200 OK
136487 516.348221  192.168.204.128  192.168.204.132  39554               HTTP/XML  674 HTTP/1.1 200 OK
136492 516.519025  192.168.204.128  192.168.204.132  39566               HTTP/XML  674 HTTP/1.1 200 OK

  > Content-Length: 403\r\n
    Content-Type: text/xml; charset=UTF-8\r\n
    \r\n
    [HTTP response 1/1]
    [Time since request: 1.768875000 seconds]
    [Request in frame: 136419]
    [Request URI: http://192.168.204.128/wordpress/xmlrpc.php]
    File Data: 403 bytes
v eXtensible Markup Language
  > <?xml
  v <methodResponse>
    v <fault>
      v <value>
        v <struct>
          v <member>
            v <name>
                faultCode
                </name>
            v <value>
              v <int>
                  403
                  </int>
                </value>
              </member>
          v <member>
            v <name>
                faultString
                </name>
            v <value>
              v <string>
                  Incorrect username or password.
                  </string>
                </value>
              </member>
            </struct>
          </value>
```

The second parameter is indeed a password! Searching via the documentation also confirms it. https://developer.wordpress.org/reference/classes/wp_xmlrpc_server/wp_getusersblogs/

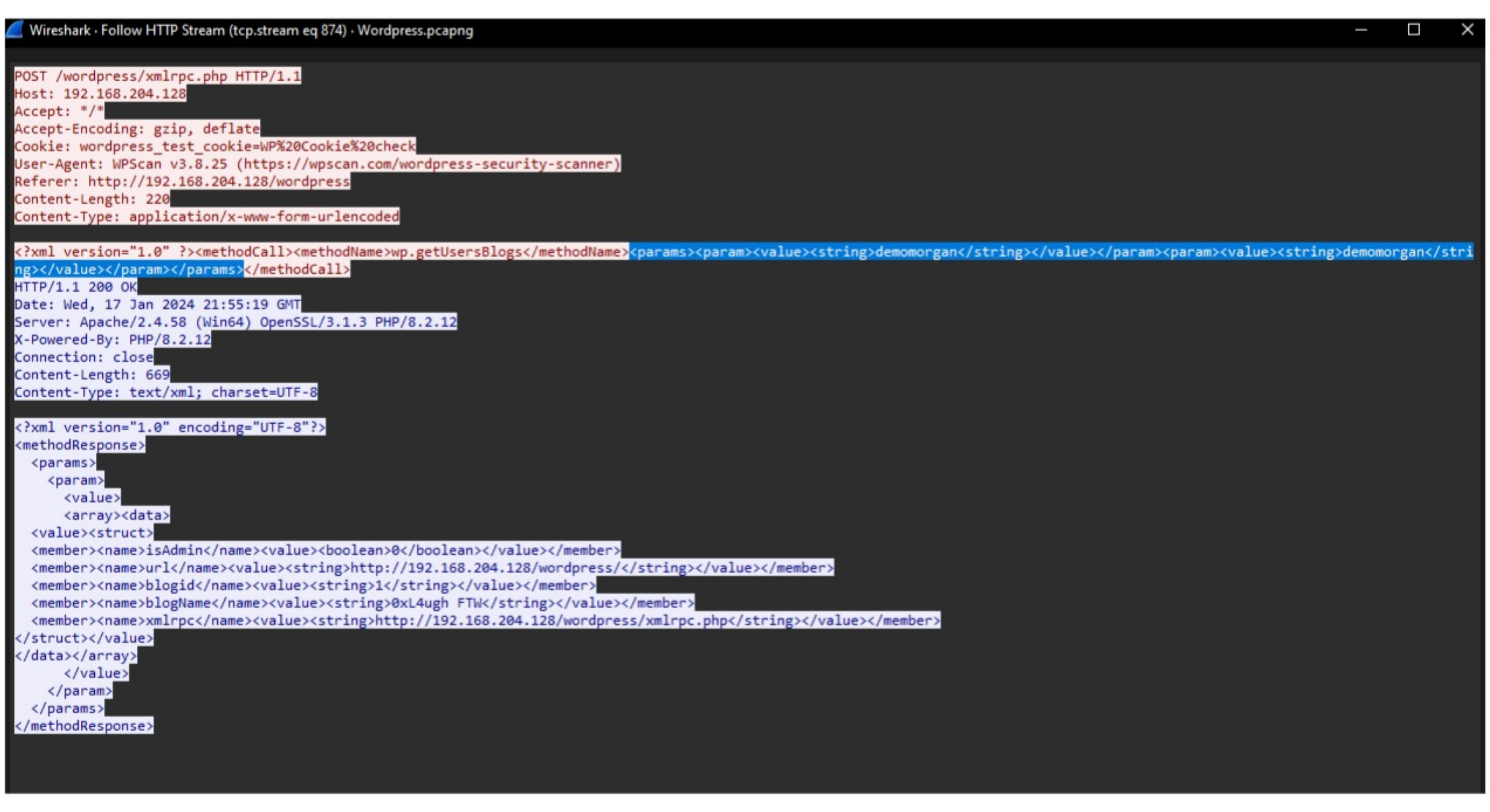
Now let's look for a successful request that doesn't return a 403.

Let's use `(ip.dst == 192.168.204.132) && !(xml.cdata == "403") && (_ws.col.protocol == "HTTP/XML")`



```
Wordpress.pcapng
(ip.dst == 192.168.204.132) && !(xml.cdata == "403") && (_ws.col.protocol == "HTTP/XML")
No.    Time        Source           Destination      Port   Protocol  Length  Info
  6550 138.496168  192.168.204.128  192.168.204.132  53836  HTTP/XML   674 HTTP/1.1 200 OK
  6722 145.924169  192.168.204.128  192.168.204.132  59206  HTTP/XML  5707 HTTP/1.1 200 OK
  6727 147.229531  192.168.204.128  192.168.204.132  59206  HTTP/XML  2115 HTTP/1.1 200 OK
 88149 331.959471  192.168.204.128  192.168.204.132  48410  HTTP/XML   674 HTTP/1.1 200 OK
 88202 335.782342  192.168.204.128  192.168.204.132  48414  HTTP/XML  5707 HTTP/1.1 200 OK
 88206 336.509494  192.168.204.128  192.168.204.132  48414  HTTP/XML   601 HTTP/1.1 200 OK
133321 446.202345  192.168.204.128  192.168.204.132  55618  HTTP/XML   674 HTTP/1.1 200 OK
136375 504.269307  192.168.204.128  192.168.204.132  42778  HTTP/XML  4544 HTTP/1.1 200 OK
140104 685.767500  192.168.204.128  192.168.204.132  59176  HTTP/XML   674 HTTP/1.1 200 OK
147357 929.345612  192.168.204.128  192.168.204.132  51484  HTTP/XML   940 HTTP/1.1 200 OK

v eXtensible Markup Language
  > <?xml
  v <methodResponse>
    v <params>
      v <param>
        v <value>
          v <array>
            v <data>
              v <value>
                v <struct>
                  v <member>
                    v <name>
                        isAdmin
                        </name>
                    v <value>
                      v <boolean>
                          0
                          </boolean>
                        </value>
                      </member>
                  v <member>
                    v <name>
                        url
                        </name>
                    v <value>
                      v <string>
                          http://192.168.204.128/wordpress/
                          </string>
                        </value>
                      </member>
                  v <member>
                    v <name>
                        blogid
                        </name>
```

There's a hit! Let's check the HTTP stream...



Wireshark · Follow HTTP Stream (tcp.stream eq 874) · Wordpress.pcapng

```
POST /wordpress/xmlrpc.php HTTP/1.1
Host: 192.168.204.128
Accept: */*
Accept-Encoding: gzip, deflate
Cookie: wordpress_test_cookie=WP%20Cookie%20check
User-Agent: WPScan v3.8.25 (https://wpscan.com/wordpress-security-scanner)
Referer: http://192.168.204.128/wordpress
Content-Length: 220
Content-Type: application/x-www-form-urlencoded

<?xml version="1.0" ?><methodCall><methodName>wp.getUsersBlogs</methodName><params><param><value><string>demomorgan</string></value></param><param><value><string>demomorgan</stri
ng></value></param></params></methodCall>
HTTP/1.1 200 OK
Date: Wed, 17 Jan 2024 21:55:19 GMT
Server: Apache/2.4.58 (Win64) OpenSSL/3.1.3 PHP/8.2.12
X-Powered-By: PHP/8.2.12
Connection: close
Content-Length: 669
Content-Type: text/xml; charset=UTF-8

<?xml version="1.0" encoding="UTF-8"?>
<methodResponse>
  <params>
    <param>
      <value>
      <array><data>
  <value><struct>
  <member><name>isAdmin</name><value><boolean>0</boolean></value></member>
  <member><name>url</name><value><string>http://192.168.204.128/wordpress/</string></value></member>
  <member><name>blogid</name><value><string>1</string></value></member>
  <member><name>blogName</name><value><string>0xL4ugh FTW</string></value></member>
  <member><name>xmlrpc</name><value><string>http://192.168.204.128/wordpress/xmlrpc.php</string></value></member>
</struct></value>
</data></array>
      </value>
    </param>
  </params>
</methodResponse>
```

So it's `demomorgan:demomorgan`

For the page that was used to bruteforce, it's `xmlrpc.php`

Now we have the flag! :D

Flag: `0xL4ugh{a114m:demomorgan:not7amoksha_demomorgan:demomorgan_xmlrpc.php}`