专注APT攻击与防御

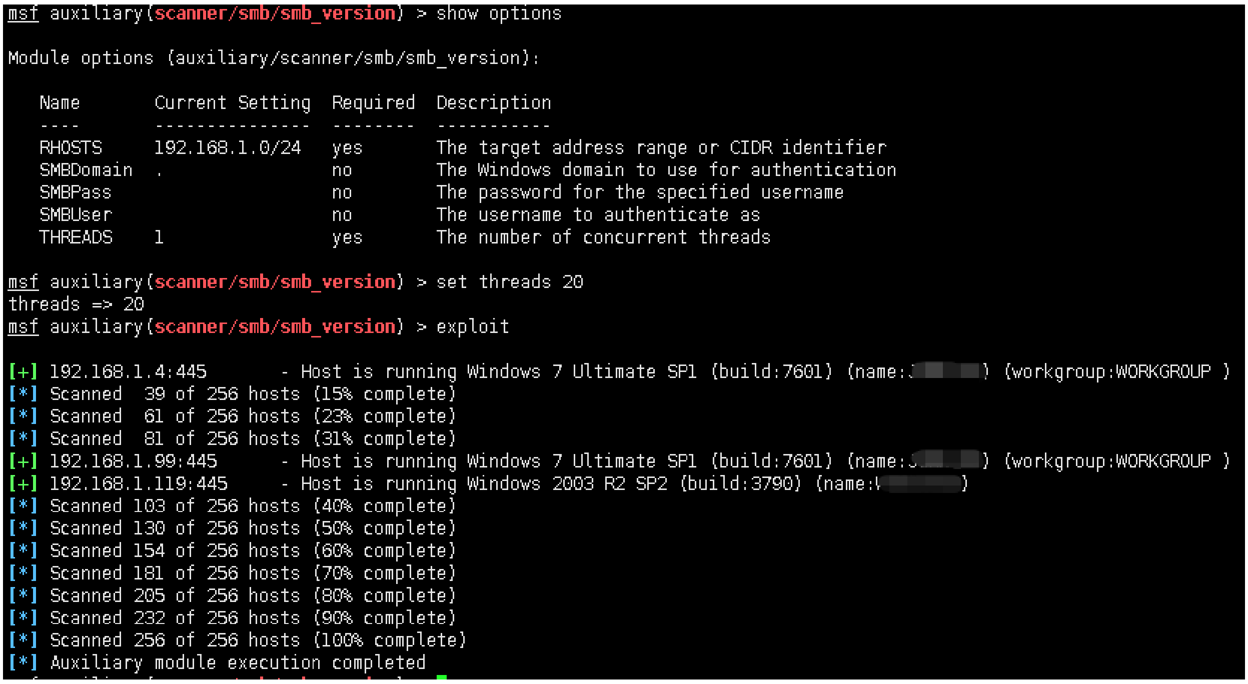
https://micropoor.blogspot.com/

基于msf

模块：

> scanner/smb/smb_version

```
msf auxiliary(scanner/smb/smb_version) > show options

Module options (auxiliary/scanner/smb/smb_version):

 Name Current Setting Required Description
 ---- --------------- -------- -----------
 RHOSTS 192.168.1.0/24 yes The target address range or CIDR identifier
 SMBDomain . no The Windows domain to use for authentication
 SMBPass no The password for the specified username
 SMBUser no The username to authenticate as
 THREADS 1 yes The number of concurrent threads

msf auxiliary(scanner/smb/smb_version) > set threads 20
threads => 20
msf auxiliary(scanner/smb/smb_version) > exploit

[+] 192.168.1.4:445 - Host is running Windows 7 Ultimate SP1 (build:7601) (name:XXXXXX) (workgroup:WORKGROUP )
[*] Scanned 39 of 256 hosts (15% complete)
[*] Scanned 61 of 256 hosts (23% complete)
[*] Scanned 81 of 256 hosts (31% complete)
[+] 192.168.1.99:445 - Host is running Windows 7 Ultimate SP1 (build:7601) (name:XXXXXX) (workgroup:WORKGROUP )
[+] 192.168.1.119:445 - Host is running Windows 2003 R2 SP2 (build:3790) (name:XXXXXX)
[*] Scanned 103 of 256 hosts (40% complete)
[*] Scanned 130 of 256 hosts (50% complete)
[*] Scanned 154 of 256 hosts (60% complete)
[*] Scanned 181 of 256 hosts (70% complete)
[*] Scanned 205 of 256 hosts (80% complete)
[*] Scanned 232 of 256 hosts (90% complete)
[*] Scanned 256 of 256 hosts (100% complete)
[*] Auxiliary module execution completed

```



```
msf auxiliary(scanner/smb/smb_version) > show options

Module options (auxiliary/scanner/smb/smb_version):

   Name       Current Setting  Required  Description
   ----       ---------------  --------  -----------
   RHOSTS     192.168.1.0/24   yes       The target address range or CIDR identifier
   SMBDomain  .                no        The Windows domain to use for authentication
   SMBPass                     no        The password for the specified username
   SMBUser                     no        The username to authenticate as
   THREADS    1                yes       The number of concurrent threads

msf auxiliary(scanner/smb/smb_version) > set threads 20
threads => 20
msf auxiliary(scanner/smb/smb_version) > exploit

[+] 192.168.1.4:445       - Host is running Windows 7 Ultimate SP1 (build:7601) (name:[redacted]) (workgroup:WORKGROUP )
[*] Scanned  39 of 256 hosts (15% complete)
[*] Scanned  61 of 256 hosts (23% complete)
[*] Scanned  81 of 256 hosts (31% complete)
[+] 192.168.1.99:445      - Host is running Windows 7 Ultimate SP1 (build:7601) (name:[redacted]) (workgroup:WORKGROUP )
[+] 192.168.1.119:445     - Host is running Windows 2003 R2 SP2 (build:3790) (name:[redacted])
[*] Scanned 103 of 256 hosts (40% complete)
[*] Scanned 130 of 256 hosts (50% complete)
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[*] Scanned 181 of 256 hosts (70% complete)
[*] Scanned 205 of 256 hosts (80% complete)
[*] Scanned 232 of 256 hosts (90% complete)
[*] Scanned 256 of 256 hosts (100% complete)
[*] Auxiliary module execution completed
```
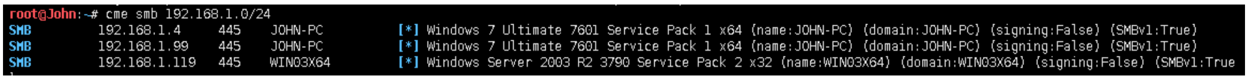

基于cme（参考第九十三课）

```
root@John:~# cme smb 192.168.1.0/24
SMB 192.168.1.4 445 JOHN-PC [*] Windows 7 Ultimate 7601 Service Pack 1 x64 (name:JOHN-PC) (domain:JOHN-PC) (signing:False) (SMBv1:True)
SMB 192.168.1.99 445 JOHN-PC [*] Windows 7 Ultimate 7601 Service Pack 1 x64 (name:JOHN-PC) (domain:JOHN-PC) (signing:False) (SMBv1:True)
SMB 192.168.1.119 445 WIN03X64 [*] Windows Server 2003 R2 3790 Service Pack 2 x32 (name:WIN03X64) (domain:WIN03X64) (signing:False) (SMBv1:True
```

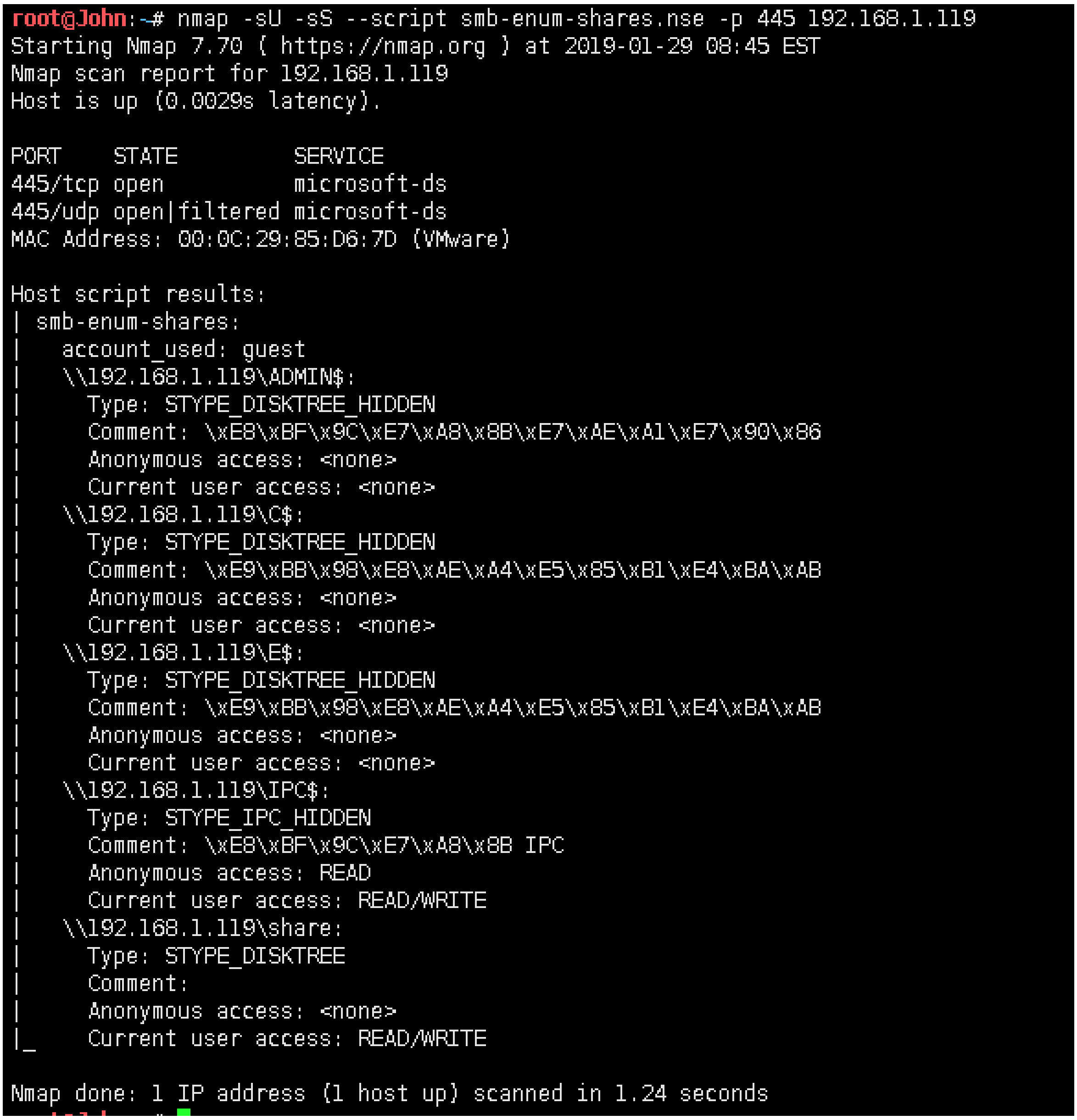


```
root@John:~# cme smb 192.168.1.0/24
SMB         192.168.1.4     445    JOHN-PC          [*] Windows 7 Ultimate 7601 Service Pack 1 x64 (name:JOHN-PC) (domain:JOHN-PC) (signing:False) (SMBv1:True)
SMB         192.168.1.99    445    JOHN-PC          [*] Windows 7 Ultimate 7601 Service Pack 1 x64 (name:JOHN-PC) (domain:JOHN-PC) (signing:False) (SMBv1:True)
SMB         192.168.1.119   445    WIN03X64         [*] Windows Server 2003 R2 3790 Service Pack 2 x32 (name:WIN03X64) (domain:WIN03X64) (signing:False) (SMBv1:True
```

基于nmap

```
root@John:~# nmap -sU -sS --script smb-enum-shares.nse -p 445 192.168.1.119
Starting Nmap 7.70 ( https://nmap.org ) at 2019-01-29 08:45 EST
Nmap scan report for 192.168.1.119
Host is up (0.0029s latency).

PORT STATE SERVICE
445/tcp open microsoft-ds
```

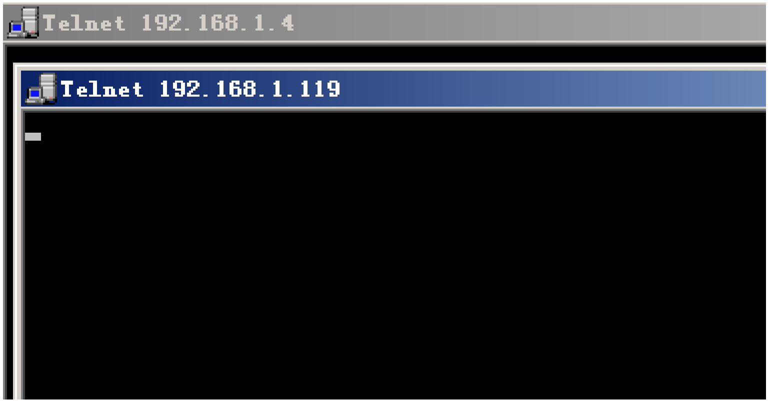
```
445/udp open|filtered microsoft-ds
MAC Address: 00:0C:29:85:D6:7D (VMware)

Host script results:
| smb-enum-shares:
| account_used: guest
| \\192.168.1.119\ADMIN$:
| Type: STYPE_DISKTREE_HIDDEN
| Comment: \xE8\xBF\x9C\xE7\xA8\x8B\xE7\xAE\xA1\xE7\x90\x86
| Anonymous access: <none>
| Current user access: <none>
| \\192.168.1.119\C$:
| Type: STYPE_DISKTREE_HIDDEN
| Comment: \xE9\xBB\x98\xE8\xAE\xA4\xE5\x85\xB1\xE4\xBA\xAB
| Anonymous access: <none>
| Current user access: <none>
| \\192.168.1.119\E$:
| Type: STYPE_DISKTREE_HIDDEN
| Comment: \xE9\xBB\x98\xE8\xAE\xA4\xE5\x85\xB1\xE4\xBA\xAB
| Anonymous access: <none>
| Current user access: <none>
| \\192.168.1.119\IPC$:
| Type: STYPE_IPC_HIDDEN
| Comment: \xE8\xBF\x9C\xE7\xA8\x8B IPC
| Anonymous access: READ
| Current user access: READ/WRITE
| \\192.168.1.119\share:
| Type: STYPE_DISKTREE
| Comment:
| Anonymous access: <none>
|_ Current user access: READ/WRITE

Nmap done: 1 IP address (1 host up) scanned in 1.24 seconds

```



```
root@John:~# nmap -sU -sS --script smb-enum-shares.nse -p 445 192.168.1.119
Starting Nmap 7.70 ( https://nmap.org ) at 2019-01-29 08:45 EST
Nmap scan report for 192.168.1.119
Host is up (0.0029s latency).

PORT    STATE         SERVICE
445/tcp open          microsoft-ds
445/udp open|filtered microsoft-ds
MAC Address: 00:0C:29:85:D6:7D (VMware)

Host script results:
| smb-enum-shares:
|   account_used: guest
|   \\192.168.1.119\ADMIN$:
|     Type: STYPE_DISKTREE_HIDDEN
|     Comment: \xE8\xBF\x9C\xE7\xA8\x8B\xE7\xAE\xA1\xE7\x90\x86
|     Anonymous access: <none>
|     Current user access: <none>
|   \\192.168.1.119\C$:
|     Type: STYPE_DISKTREE_HIDDEN
|     Comment: \xE9\xBB\x98\xE8\xAE\xA4\xE5\x85\xB1\xE4\xBA\xAB
|     Anonymous access: <none>
|     Current user access: <none>
|   \\192.168.1.119\E$:
|     Type: STYPE_DISKTREE_HIDDEN
|     Comment: \xE9\xBB\x98\xE8\xAE\xA4\xE5\x85\xB1\xE4\xBA\xAB
|     Anonymous access: <none>
|     Current user access: <none>
|   \\192.168.1.119\IPC$:
|     Type: STYPE_IPC_HIDDEN
|     Comment: \xE8\xBF\x9C\xE7\xA8\x8B IPC
|     Anonymous access: READ
|     Current user access: READ/WRITE
|   \\192.168.1.119\share:
|     Type: STYPE_DISKTREE
|     Comment:
|     Anonymous access: <none>
|_    Current user access: READ/WRITE

Nmap done: 1 IP address (1 host up) scanned in 1.24 seconds
```

基于CMD：

```
for /l %a in (1,1,254) do start /min /low telnet 192.168.1.%a 445
```

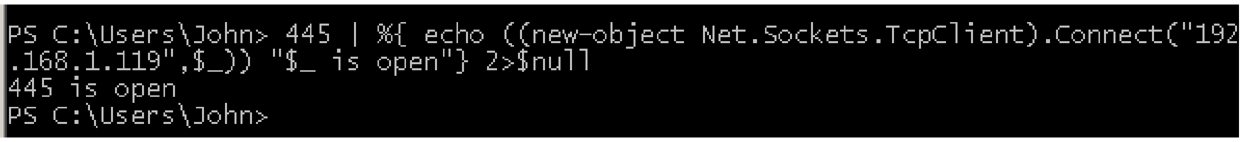


基于powershell：

一句话扫描：

单IP：

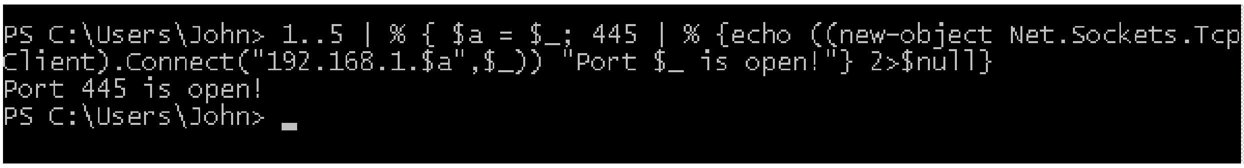
```
445 | %{ echo ((new-object Net.Sockets.TcpClient).Connect("192.168.1.119",$_)) "$_ is open"} 2>$null
```



```
PS C:\Users\John> 445 | %{ echo ((new-object Net.Sockets.TcpClient).Connect("192
.168.1.119",$_)) "$_ is open"} 2>$null
445 is open
PS C:\Users\John>
```

多ip：

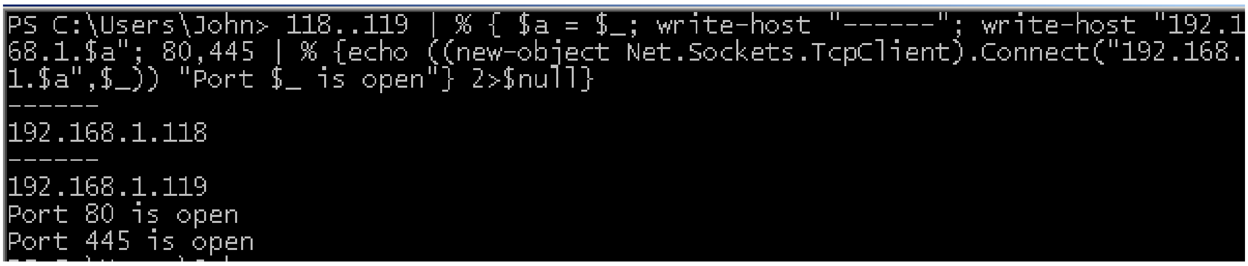
```
1..5 | % { $a = $_; 445 | % {echo ((new-object Net.Sockets.TcpClient).Connect("192.168.1.$a",$_)) "Port $_ is open"} 2>$null}
```



```
PS C:\Users\John> 1..5 | % { $a = $_; 445 | % {echo ((new-object Net.Sockets.Tcp
Client).Connect("192.168.1.$a",$_)) "Port $_ is open!"} 2>$null}
Port 445 is open!
PS C:\Users\John> _
```

多port，多IP：

```
118..119 | % { $a = $_; write-host "------"; write-host "192.168.1.$a"; 80,445 | % {echo ((new-object Net.Sockets.TcpClient).Connect("192.168.1.$a",$_)) "Port $_ is open"} 2>$null}
```



```
PS C:\Users\John> 118..119 | % { $a = $_; write-host "------"; write-host "192.1
68.1.$a"; 80,445 | % {echo ((new-object Net.Sockets.TcpClient).Connect("192.168.
1.$a",$_)) "Port $_ is open"} 2>$null}
------
192.168.1.118
------
192.168.1.119
Port 80 is open
Port 445 is open
```

- Micropoor