

SCAPY Lab in Backtrack Linux – CSC 433

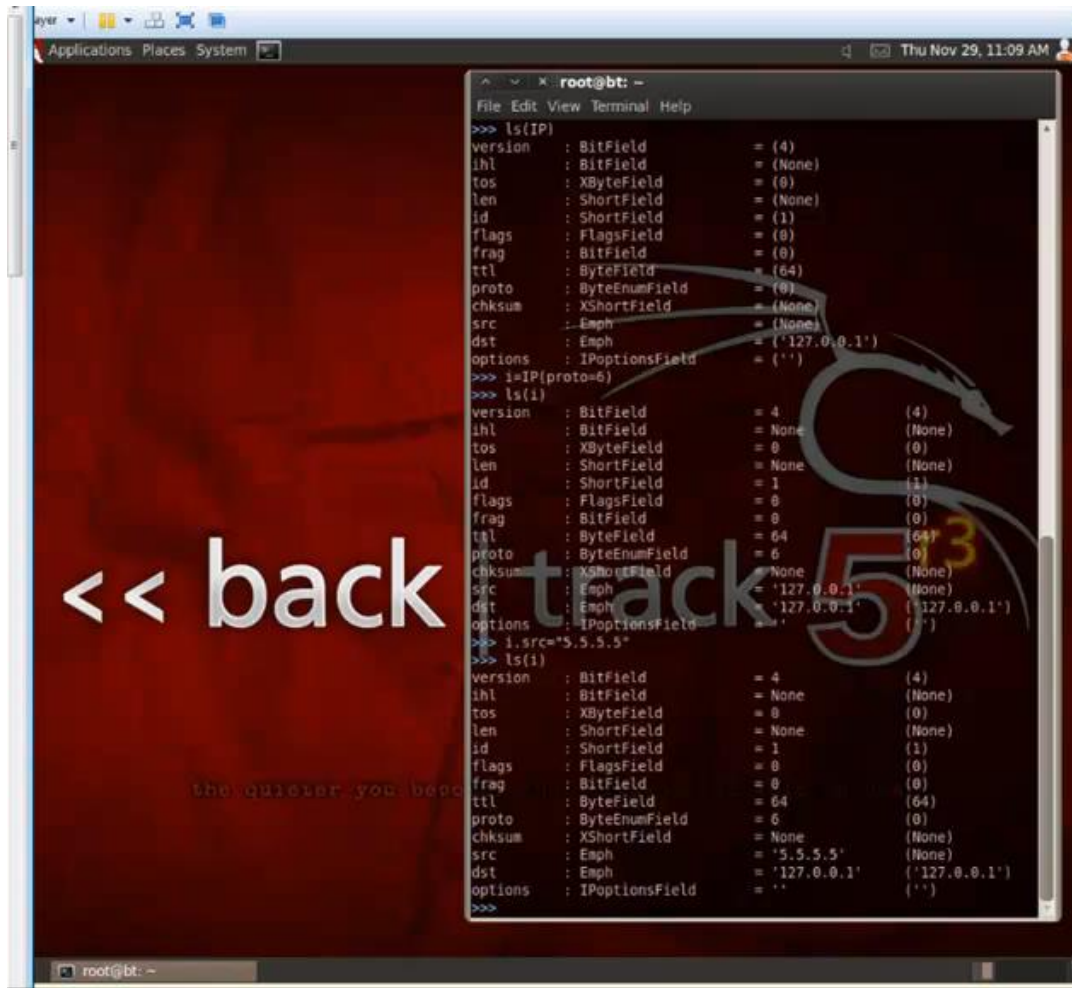
Use SCAPY to generate a custom packet and capture the packet:

- 1.) Create a packet in Scapy.
- 2.) Send your packet to either your loopback adapter or to another machine on your network.
- 3.) Capture the sent packet using a network sniffer such as Windump or Wireshark

Submit the following screen shots in this assignment:

- a.) A screenshot of the packet being sent from SCAPY
- b.) A screenshot of the captured packet

Backtrack Linux Screenshot shot in SCAPY Lab



The screenshot shows a terminal window in a Backtrack Linux environment. The desktop background features the Kali Linux logo and the text '<< back track 5.3 the quieter you become'. The terminal window is titled 'root@bt: ~' and contains the following commands and output:

```
root@bt: ~  
>>> ls(IP)  
version      : BitField          = (4)  
ihl          : BitField          = (None)  
tos          : XByteField        = (0)  
len          : ShortField        = (None)  
id           : ShortField        = (1)  
flags       : FlagsField        = (0)  
frag        : BitField          = (0)  
ttl         : ByteField         = (64)  
proto       : ByteEnumField     = (0)  
chksum      : XShortField       = (None)  
src         : Emph              = (None)  
dst         : Emph              = ('127.0.0.1')  
options     : IPOptionsField    = ('')  
>>> i=IP(proto=6)  
>>> ls(i)  
version      : BitField          = 4          (4)  
ihl          : BitField          = None        (None)  
tos          : XByteField        = 0          (0)  
len          : ShortField        = None        (None)  
id           : ShortField        = 1          (1)  
flags       : FlagsField        = 0          (0)  
frag        : BitField          = 0          (0)  
ttl         : ByteField         = 64         (64)  
proto       : ByteEnumField     = 6          (0)  
chksum      : XShortField       = None        (None)  
src         : Emph              = '127.0.0.1' (None)  
dst         : Emph              = '127.0.0.1' ('127.0.0.1')  
options     : IPOptionsField    = ''         (')'  
>>> i.src='5.5.5.5'  
>>> ls(i)  
version      : BitField          = 4          (4)  
ihl          : BitField          = None        (None)  
tos          : XByteField        = 0          (0)  
len          : ShortField        = None        (None)  
id           : ShortField        = 1          (1)  
flags       : FlagsField        = 0          (0)  
frag        : BitField          = 0          (0)  
ttl         : ByteField         = 64         (64)  
proto       : ByteEnumField     = 6          (0)  
chksum      : XShortField       = None        (None)  
src         : Emph              = '5.5.5.5'  (None)  
dst         : Emph              = '127.0.0.1' ('127.0.0.1')  
options     : IPOptionsField    = ''         (')'  
>>>
```