

# WIRESHARK TUTORIAL

Ross Bagurdes

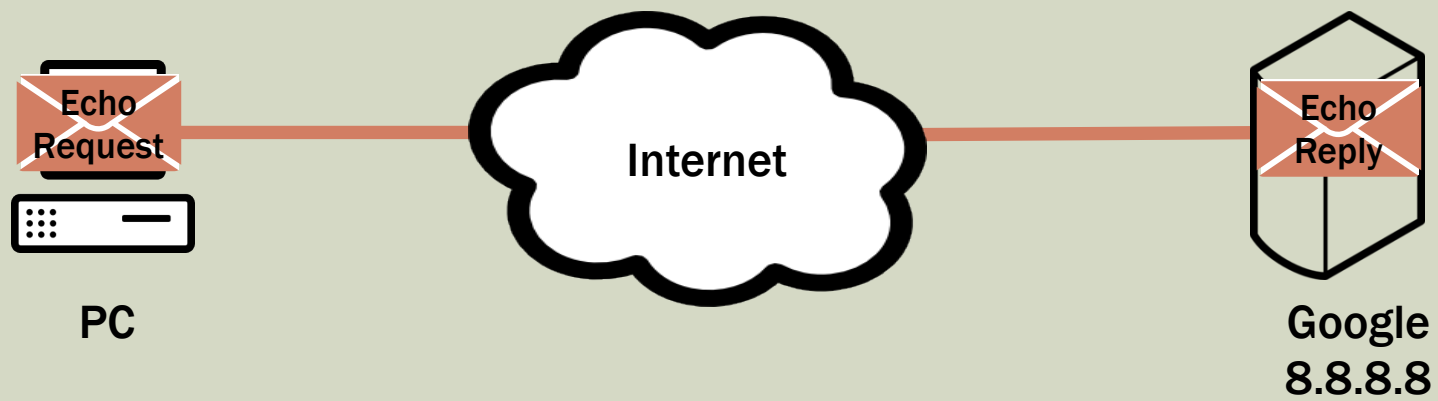
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Engineer, IT Instructor,  
Pluralsight Author, NerdTastic Stuff

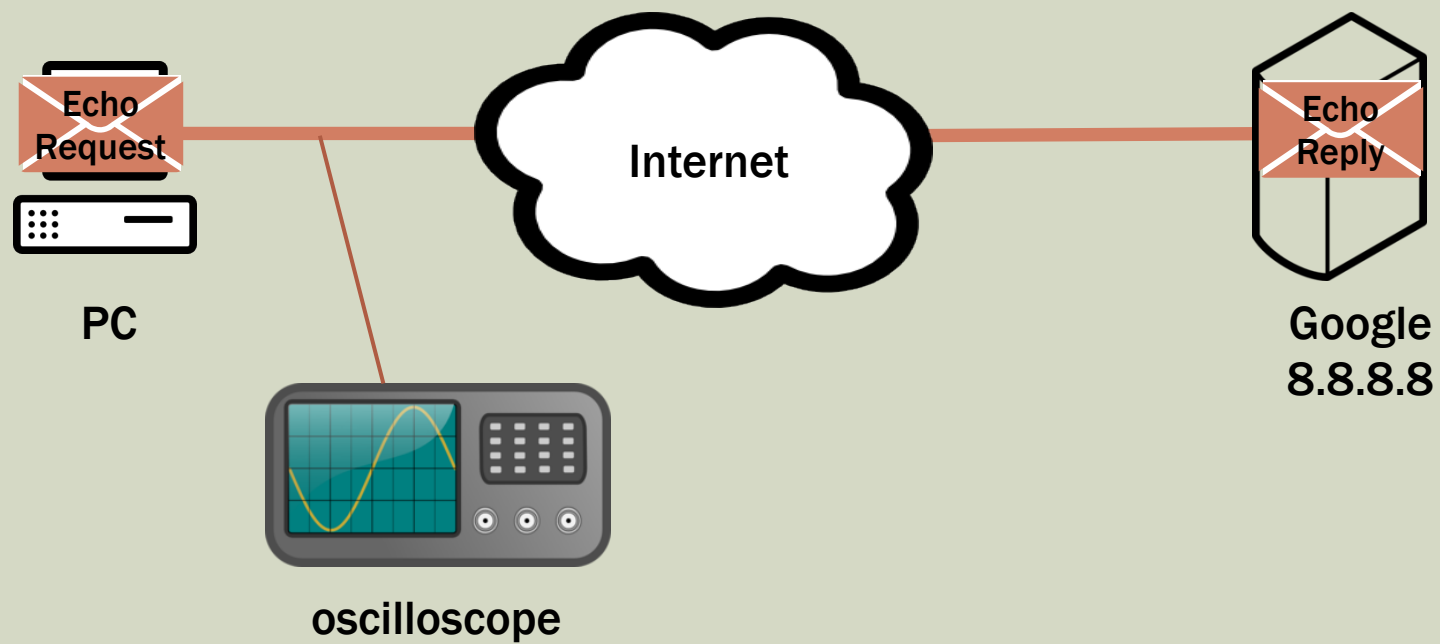


Introduction to  
capturing and  
analyzing  
packets

# EVESDROPPING



# EVEDROPPING - OLD SCHOOL



# EVEDROPPING – OLD SCHOOL

000000000001100001010011111101100110101100011000101010101001010101  
01011101010000101010101010010101001010101010100100101010101000101010  
10100010101101110101000101010101010101010101000101010101001010101010  
11101010000101010101010010101001010101010100100101010101000101010101  
00010101101110101000101010101010101010100010101010101001010101010111  
01010000101010101010010101001010101010100100101010101000101010101000  
10101101110101000101010101010101010100010101010101001010101010111010  
10000101010101010010101001010101010100100110101010001010101010001010  
11011101010001010101010101010101000101010101010010101010101110101000  
01010101010100101010010101010101001001010101010001010101010001010110  
11101010001010101010101010101000101010101010010101010101110101000010  
10101010100101010010101010101001001010101010001010101010001010110111  
0101000101010101010101010101000101010101010010101010101110101000010101  
01010100101010010101010101001001010101010001010101010001010110111010  
10001010101010101010101000101010101010010101010101110101000010101010  
1010010101001010101010100100101010101000101010

# PARSE BITS

0000 0000 0101 0000 0101 0110 1110 0110 0101 0011 0110 0011

0000 0000 0000 1100 0010 1001 1111 1011 0011 0101 1000 1100

0000 1000 0000 0000

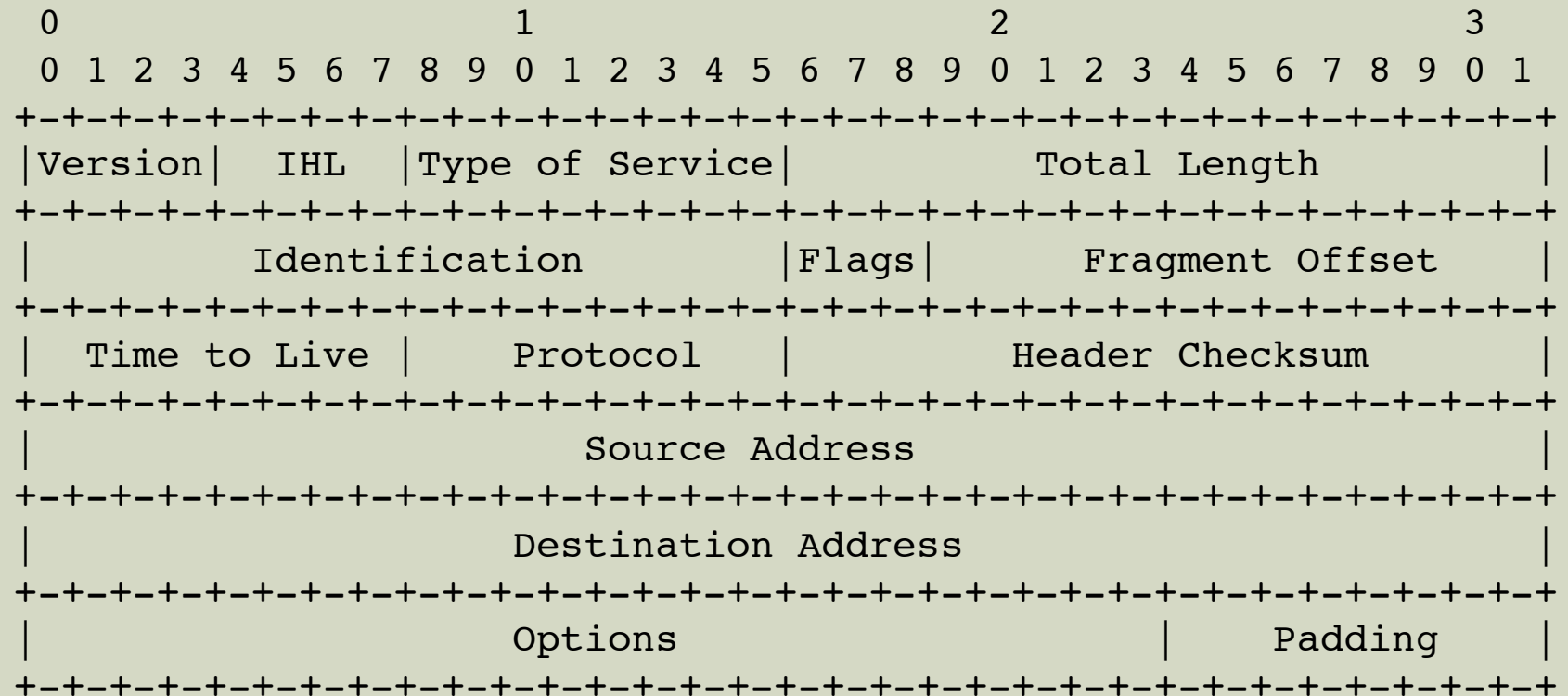
Destination MAC	Source MAC	L3 Type	Packet
00:50:56:E6:53:63	00:0C:29:FB:35:8C	0x0800	Packet Data



Indicates IPv4 Packet

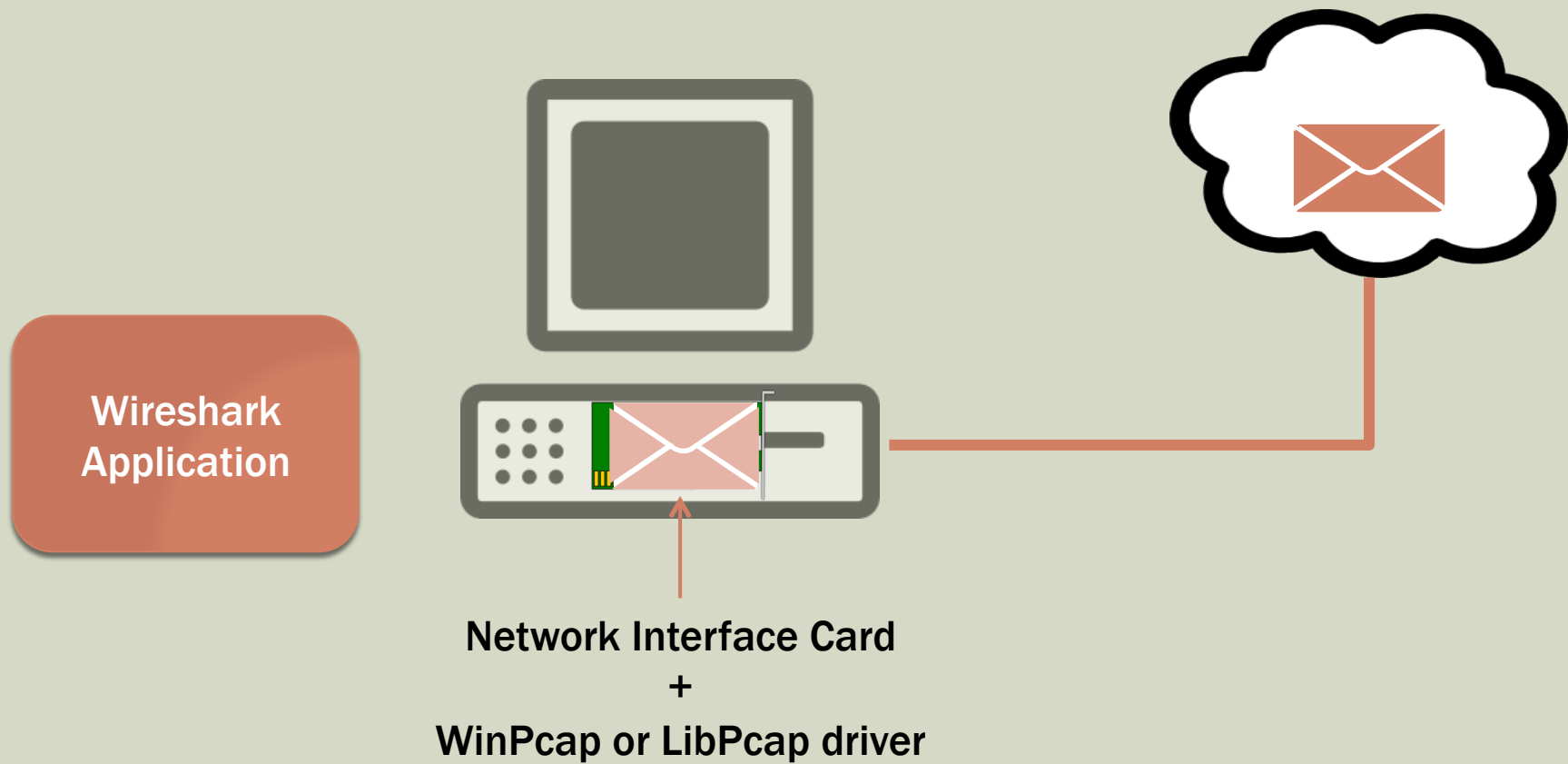
**RFC 791**

# PARSE PACKET HEADER



RFC 791

# EVEDROPPING – OLD SCHOOL



# DEMONSTRATION

## PERFORMING A BASIC PACKET CAPTURE