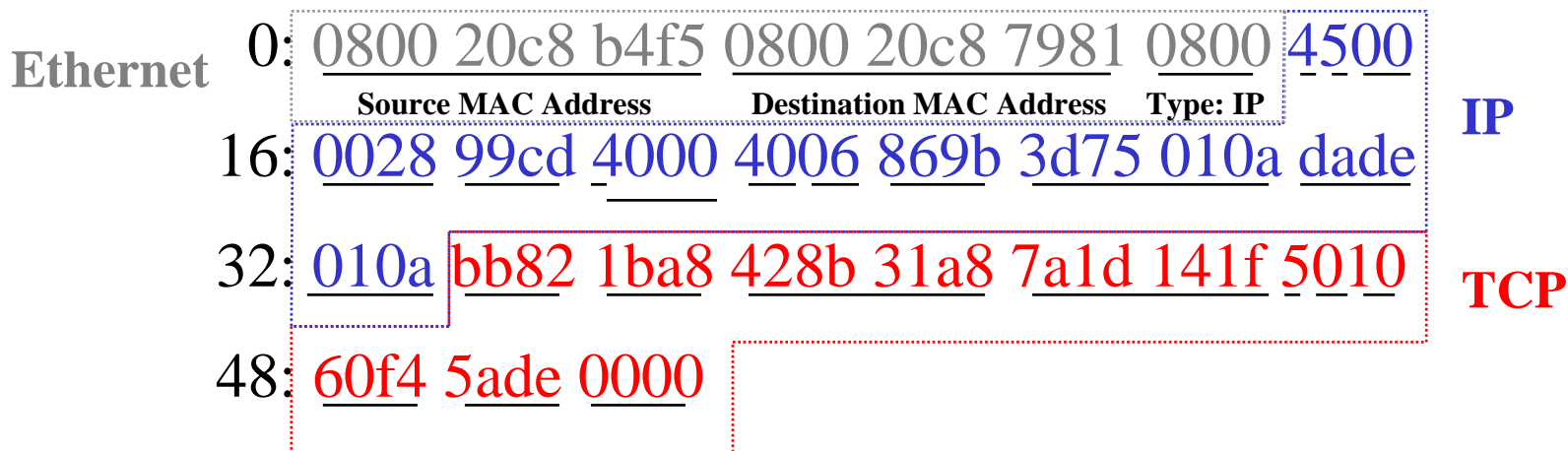


packet analysis



IP Protocol

Version: 4 (current)
IP Header Length: [/4octet] (min:5 max:15)
Type of Service: 0x00 (normal)
Total Length: [/octet]
Identification: 16bits unique number
Flags: 3bits (bit0: 0, bit1: don't frag. bit2: more frag.)
Fragment Offset: 13bits offset [/8octets]
Time-to-Live: maximum life of a packet
Protocol: 06: TCP, 17:UDP
Header Checksum: on the ip header only
Source IP Address:
Destination IP Address:

TCP Protocol

Source Port:
Destination Port:
Sequence Number:
Acknowledgement Number:
Data Offset: [/4octets]
Reserved: 6bits
Flags: 6bits
(URG, ACK, PSH, RST, SYN, FIN)
0x02: SYN, 0x10: ACK
0x04: RST, 0x01: FIN
Window: receive window size
Checksum: on the TCP header and data
Urgent Pointer: offset from the sequence number