

TCP Packet (0x06)

0		4500		1		2		XXXX		3		4		XXXX		5		6		XXXX		7		8		XXXX		9		10		XXXX		11		12		XXXX		13		14		XXXX		15													
4b Ver		4b Hd Ln		ToS		Length in Bytes				IP Identification				0 D F		M F		13-bit Frag. Offset				TTL		Protocol		Header Checksum				Source IP Address																													
16		XXXX		17		18		XXXX		19		0		XX		XX		1		2		XX		XX		3		4		XX		XX		5		6		XX		XX		7		8		XX		XX		9		10		XX		XX		11	
Destination IP Address						Source Port				Destination Port				Sequence Number						Ack Number																																							
12		XXXX		13		14		XXXX		15		16		XXXX		17		18		XX		XX		19		Options & Data																																	
4 L N		6 R V		U R G		A C K		P S H		R S S		T N		S Y N		F I N		Windows Size				TCP Checksum																																		Urgent Pointer			

UDP Packet (0x11, 17 decimal)

045001			2XXXX3		4XXXX5		6XXXX7		8XXXX9		10XXXX11		12XXXX13		14XXXX15										
4b Ver		4b Hd Ln	ToS	Length in Bytes		IP Identification		0D	1M	F	13-bit Frag. Offset	TTL		Protocol		Header Checksum		Source IP Address							
16XXXX17			18XXXX19		0XXXX1		2XXXX3		4XXXX5		6XXXX7		DATA												
Destination IP Address				Source Port		Destination Port		UDP Length		UDP Checksum															

ICMP Packet (0x01)

0		4500		1	2		XXXX		3	4		XXXX		5	6		XXXX		7	8		XXXX		9	10		XXXX		11	12		XXXX		13	14		XXXX		15								
4b Ver		4b Hd Ln		ToS		Length in Bytes				IP Identification				0 D F		M F		13-bit Frag. Offset				TTL		Protocol		Header Checksum				Source IP Address																	
16		XXXX		17	18		XXXX		19	0		XX		1	2		XX		3	DATA																											
Destination IP Address						Message type		Message code		16-bit Checksum						Contents depend on type and code																															

- Blue text refers to the IP header portion of the packet
- Green text refers to the TCP header portion of the packet
- Red text refers to the UDP header portion of the packet
- Violet text refers to the ICMP header portion of the packet