TCP level networking

Стек протоколов

- Ethernet
- IP
- TCP/UDP
- HTTP/FTP/SSH/...

ISO vs. ANSI

 IP

 Bit 0
 Bit 15 Bit 16
 Bit 31

Version (4) Header Length (4)	Priority & Type of Service (8)	Total Length (16)			
Identification (16)			Fragment Offset (13)		
Time To Live (8)	Protocol (8)		Header Checksum (16)		
Source IP Address (32)					
Destination IP Address (32)					
IP Options (0 Or 32 If Any)					
Data (Varies If Any)					

TCP/UDP

Bit 0	Bit 15 Bit 16	Bit 31
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Source Port (16)			Destination Port (16)	^	
Sequence Number (32)					
Acknowledgment Number (32)					
Header Length (4)	Reserved (6)	Code Bits(6)	Window (16)		
	Check	sum (16)	Urgent (16)	\	
Options (0 or 32 If Any)					
Data (Varies)					