

0	4	8	16	19	24	31
VERS	HLEN	SERVICE	TOTAL LENGTH			
ID			FLAGS	F. OFFSET		
TTL		TYPE	HDR CHECKSUM			
SOURCE						
DESTINATION						
IP OPTIONS (MAY BE OMITTED)					PADDING	
BEGINNING OF PAYLOAD						
⋮						

Figure 3.5 The IPv4 datagram header. Each field occupies a fixed position