IP DATAGRAM STRUCTURE

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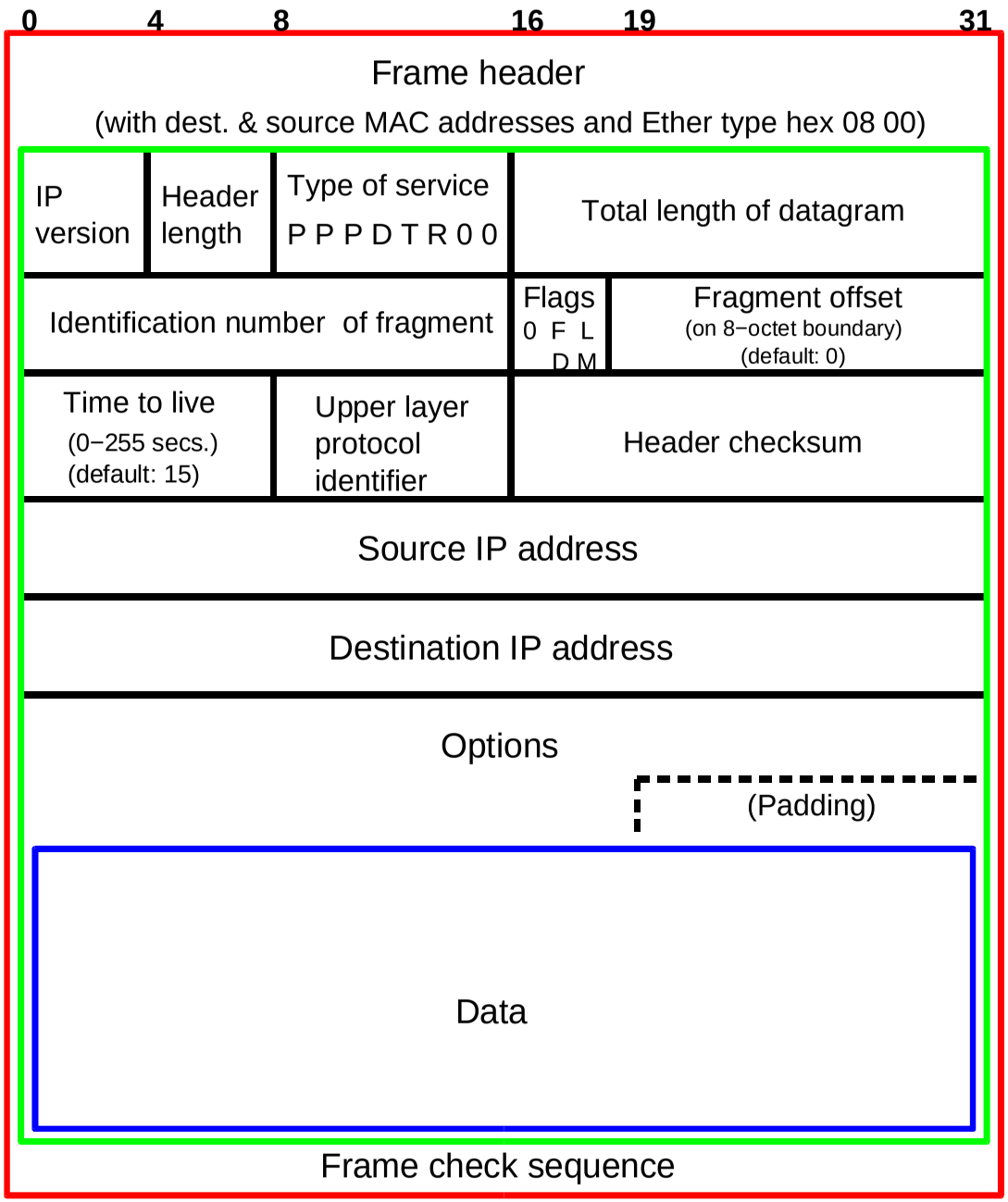
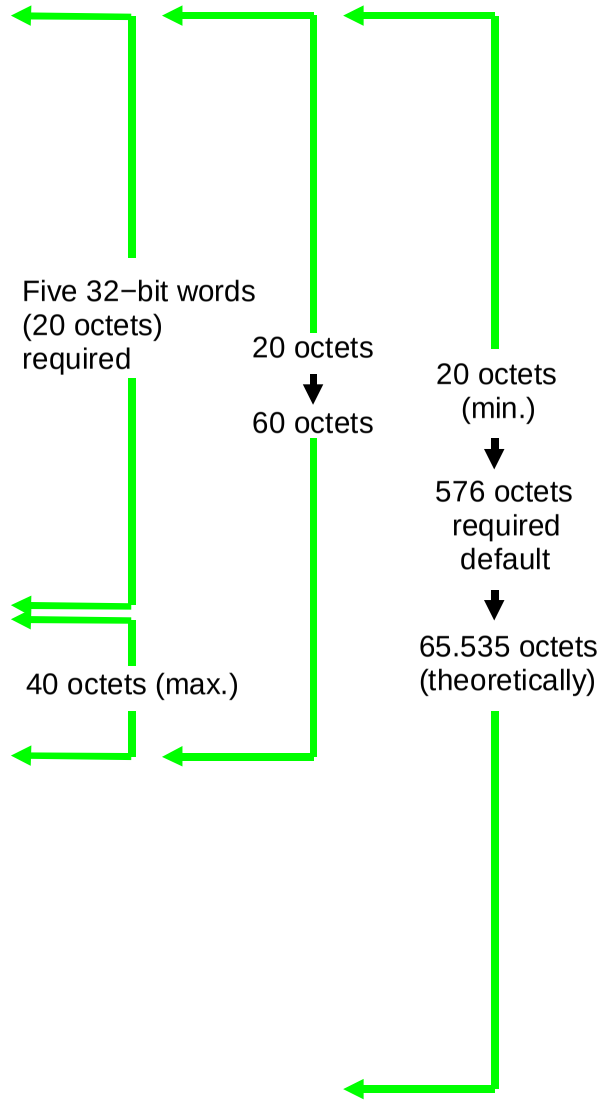
Frame with IP V4 Datagram





LEGENDA

Type of service:
b0−b2: precendence
(0: normal;
1: priority
2: immediate
3: flash
4: flash override
5: CRITIC/ECP
6: internetw.control
7: network control)
b3=0: normal delay
b3=1: low delay
b4=0: norm.throughput
b4=1: high throughput
b5=0: normal reliability
b5=1: high reliability
b6−b7=0: unused
(reserved)

Flags:
b0 : reserved
b0=0: required
b1=0: may fragment
b1=1: don't fragment
b2=0: last fragment
b2=1: more fragments

Options include:
− Strict source route
− Loose source route
− Record route
− Timestamp
− Security
− Padding with zeros
(if needed)