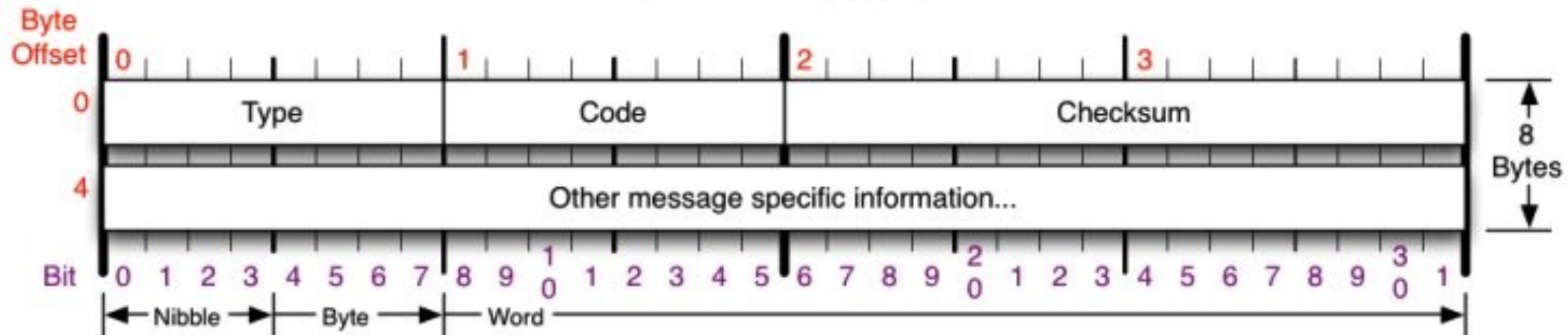


Le protocole ICMP

- ICMP (Internet Control Message Protocol), RFC 792 (1981)
- Protocole de gestion d'erreur IP
- Lorsqu'une erreur est rencontrée pour un paquet donné, le paquet ayant provoqué l'erreur est renvoyé en tant que données

Le protocole ICMP



ICMP Message Types

Type	Code/Name	Type	Code/Name	Type	Code/Name
0	Echo Reply	3	Destination Unreachable (continued)	11	Time Exceeded
3	Destination Unreachable	12	Host Unreachable for TOS	0	TTL Exceeded
0	Net Unreachable	13	Communication Administratively Prohibited	1	Fragment Reassembly Time Exceeded
1	Host Unreachable	4	Source Quench	12	Parameter Problem
2	Protocol Unreachable	5	Redirect	0	Pointer Problem
3	Port Unreachable	0	Redirect Datagram for the Network	1	Missing a Required Operand
4	Fragmentation required, and DF set	1	Redirect Datagram for the Host	2	Bad Length
5	Source Route Failed	2	Redirect Datagram for the TOS & Network	13	Timestamp
6	Destination Network Unknown	3	Redirect Datagram for the TOS & Host	14	Timestamp Reply
7	Destination Host Unknown	8	Echo	15	Information Request
8	Source Host Isolated	9	Router Advertisement	16	Information Reply
9	Network Administratively Prohibited	10	Router Selection	17	Address Mask Request
10	Host Administratively Prohibited			18	Address Mask Reply
11	Network Unreachable for TOS			30	Traceroute

Checksum

Checksum of ICMP header

RFC 792

Please refer to RFC 792 for the Internet Control Message protocol (ICMP) specification.