

Redes de Comunicação de Dados TCP/IP - ICMP

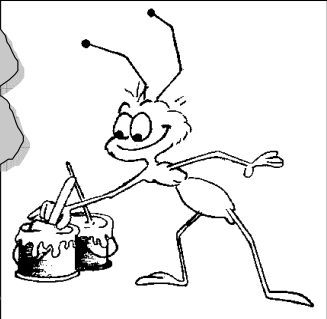
**ICMP - Internet Control Message Protocol**

**MECANISMO PARA:**

**INFORMAR SOBRE ERROS**

**DETECTAR FALHAS**

**CONTROLO ENTRE GATEWAYS**



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Redes de Comunicação de Dados TCP/IP - ICMP

**ICMP - Internet Control Message Protocol**

Type	Code	Checksum
Identifier		Sequence number
Address Mask		

**Type**

- 0 Echo Reply
- 3 Destination Unreachable
- 4 Source Quench
- 5 Redirect (change a route)
- 8 Echo Request
- 11 Time Exceeded for a Datagram
- 12 Parameter Problem on a Datagram
- 13 Timestamp Request
- 14 Timestamp Reply
- 15 Information Request (obsolete)
- 16 Information Reply (obsolete)
- 17 Address Mask Request
- 18 Address Mask Reply

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**ICMP - Internet Control Message Protocol**

Code	
0	Network Unreachable
1	Host Unreachable
2	Protocol Unreachable
3	Port Unreachable
4	Fragmentation needed and DF set (Do not Fragment)
5	Source Route Failed
6	Destination Network Unknown
7	Destination Host Unknown
8	Source Host Isolated
9	Communication with Destination Network Administratively Prohibited
10	Communication with Destination Host Administratively Prohibited
11	Network Unreachable for type of service
12	Host Unreachable for type of service

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