ICMP Status Code

ICMP type (8 bits):

- **0: Echo reply**
- **3: Destination unreachable**
  - Code (8 bits):
    - 0: Net unreachable
    - 1: Host unreachable
    - 2: Protocol unreachable
    - 3: Port unreachable
    - 4: Fragmentation needed and DF set
    - 5: Source route failed
    - 6: Network unknown
    - 7: Host unknown
    - 8: Source host isolated
    - 9: Network administratively prohibited
    - 10: Host administratively prohibited
    - 11: Network unreachable for TOS
    - 12: Host unreachable for TOS
    - 13: Communication administratively prohibited
    - 14: Host precedence violation
    - 15: Precedence cutoff in effect
- **4: Source quench**
- **5: Redirect message**
  - Code (8 bits):
    - 0: Redirect for network
    - 1: Redirect for host
    - 2: Redirect for type of service and network
    - 3: Redirect for type of service and host
- **8: Echo request**
- **11: Time exceeded**
  - Code (8 bits):
    - 0: Time to live exceeded in transit
    - 1: Fragment reassembly time exceeded
- **12: Parameter problem**
  - Code (8 bits):
    - 0: Pointer indicates the error
    - 1: Missing a required option
    - 2: Bad length
- **13: Timestamp**
- **14: Timestamp reply**
- **15: Information request**
- **16: Information reply**
- **17: Address mask request**
- **18: Address mask reply**

ICMP code (8 bits):

- 0: echo reply (used with echo request)
- 1: destination unreachable (used with destination unreachable)
- 2: source quench (used with source quench)
- 3: redirect (used with redirect)
- 4: alternate host address (not used)
- 5: redirect (not used)
- 6: alternate host address (not used)
- 7: time exceeded (used with time exceeded)
- 8: parameter problem (used with parameter problem)
- 9: message type is not implemented
- 10: message type is not implemented
- 11: time exceeded (not used)
- 12: parameter problem (not used)
- 13: timestamp (used with timestamp)
- 14: timestamp reply (used with timestamp)
- 15: information request (used with information request)
- 16: information reply (used with information reply)
- 17: address mask request (used with address mask request)
- 18: address mask reply (used with address mask reply)
- 19255: Reserved for future use