

RFC 791 defines IP fragmentation and reassembly rules:

- Fragments share the same **Identification (ID)** field
- **Offset** marks each fragment's position in the payload
- **MF (More Fragments)** flag tells if more are expected

In this project, RFC 791 was purposefully violated by skipping the middle fragment, causing reassembly to fail exactly as RFC 791 says will happen when any fragment is missing. No full datagram = no upper-layer protocol (ICMP) delivery.