

availability



TCP Connection Reset (DOS)

Each TCP connection (i.e each port) has an associated state sequence number

- ➡ An attacker can guess (sniff) the current sequence number for an existing connection and send packet with reset flag set, which will close the connection

UDP - User Datagram Protocol

UDP is a connectionless transport-layer protocol

➡ No acknowledgement, no flow control, no message continuation, no reliability guarantees

e.g. media streaming (VoIP, video broadcasting)

e.g. modern protocols (HTTP 3)