

5TCPvsUDP

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1 TCP

Transmission
Control
Protocol

Reliable
3way handshake
connection-oriented communication
Ensure error and flow control

- TCP/IP networks use packet switching as their fundamental data transmission method.
- Data is broken down into packets or datagrams, each of which includes source and destination IP addresses.
- These packets are routed independently through the network, allowing for efficient and robust data transmission.

2 UDP

User
Datagram
Protocol

unreliable

connectionless routing uses datagram