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| --- | --- |
| UDP – user data protocol | TCP – transport communication protocol |
| * Streaming, NTP, DHCP, DNS * Nu trateaza erorile * Nu verifica primirea pachetelor * Nu retransmite pachetele * Rapid dar nesigur * Antet 8 octeti: port s, port dest, lungime, checksum * Fara conexiune   SOCK\_DRAM  X connect  X accept  X listen  Send -> sendto  Recv -> recvfrom | * HTTP, FTP * Trateaza erorile * Pachetele ajung la TCP receptor * Gestioneaza controlul fluxului * Numeroteaza pachetele * Sigur dar lent * Cu conexiune * Protocol fereastra glisanta * Antet: port s, port d, nr secventa, nr config, lungime, checksum, dim fereastra etc. * Duplex intregrala + punct la punct |

TCP/IP

APP <- NTP, DHCP, DNS, HTTP, FTP

TRANSPORT <- UDP, TCP

RETEA

Niv.fizic/Log de date

PROTOCOL = set de reguli

* Pe ac port pot rula mai multe procese
* Porturile sub 1024 sunt rezervate