

Term	Explanation	På norsk
ACK	Acknowledgement packet	Bekreftelsespakke
AIMD	Additive Increase, Multiplicative Decrease (TCP)	AIMD
API	Application Programming Interface	Programmeringsgrensesnitt
Application layer		Applikasjonslaget
ARQ	Automatic Repeat Request	ARQ
ASCII	American Standard Code for Information Exchange (charset)	ASCII
bandwidth		båndbredde
botnet	Distributed network of compromised hosts.	botnet
cache		hurtigbuffer
CDN	Content Distribution Network	Innholdsdistribusjons-nettverk
circuit switching		linjesvitsjing
client		klient
congestion avoidance		metningsunngåelse
congestion control	Avoid sending more data into the network than it can handle.	metningskontroll
connectionless		forbindelsesfri
cookies	Method for keeping user state in HTTP	cookies
cumulative ACK	Acknowledges all packets up to and including packet <i>n</i> .	kumulativ bekreftelse
DASH	Dynamic Adaptive Streaming over HTTP	DASH
datagram	Data packet on network layer.	datagram
demultiplexing	Dispatch data from one source to several destinations.	de-multipleksing
DoS attack	Denial of Service attack	Tjenestenektangrep
DDoS attack	Distributed DoS attack	Distribuert tjenestenektangrep
DNS	Domain Name System	DNS
DSL	Digital Subscriber Line	Digital abonnentlinje
ECN	Explicit Congestion Notification (TCP)	ECN
encapsulation	Add protocol header and/or trailer.	innkapsling
fast recovery	On receipt of triple duplicate ack, the congestion window is halved and then grows linearly.	rask gjenoppretting
flow control	Avoid sending more data to an end-system than it can handle.	flytkontroll
frame	Data packet on link layer.	ramme
FSM	Finite State Machine	Endelig tilstandsmaskin
full-duplex	Can transmit data in both directions simultaneously.	full dupleks
Go-back-N	Pipelined reliable data transfer protocol that retransmits all	Gå-tilbake-N

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	outstanding packets on packet loss.	
HTML	Hypertext Markup Language	HTML
HTTP	Hypertext Transfer Protocol	HTTP
ICMP	Internet Control Message Protocol	ICMP
IP spoofing	Use a fake IP address.	IP spoofing
FDM	Frequency Division Multiplexing	Frekvensdelt multipleksing
hosts or end-systems	Devices connected to the Internet.	Vertsmaskin eller endesystem
IMAP	Internet Mail Access Protocol	IMAP
IP	Internet Protocol	Internettprotokollen
ISP	Internet Service Provider	Internettjenestetilbyder
IXP	Internet Exchange Point	Internettsentral
LAN	Local Area Network	Lokalnett
Link layer		Linklaget
message	Data packet on application layer.	melding
MSS	Maximum Segment Size for TCP.	MSS
MTU	Maximum Transfer Unit for link layer.	MTU
multiplexing	Transfer data from several sources over one channel.	multipleksing
NAK	Negative Acknowledgement	Negativ bekreftelsespakke
Network layer		Nettverkslaget
OSI model	7-layer Open System Interconnection reference model from ISO.	OSI modellen
packet switching		pakkesvitsjing
payload		nyttelast
Physical layer		Fysisk lag
piggybacked acknowledgement	Acknowledgement carried on data in backwards direction.	Bekreftelse (eller kvittering) lagt ved data som sendes tilbake.
pipelining	A protocol that can send n packets before it requires an ACK.	En protokoll som kan sende en strøm av pakker før den krever en bekreftelse eller kvittering på mottak.
PoP	Point of Presence	Tilstedeværelses-punkt
POP3	Post Office Protocol v3	POP3
P2P	Peer-to-Peer network	P2P
processing delay	d_{proc}	prosesseringsforsinkelse
propagation delay	$d_{prop} = d/s$ for distance d and propagation speed s	utbredelsesforsinkelse
proxy server	Server that performs service on your behalf.	proxy server
queueing delay	d_{queue}	kø forsinkelse
receive window		mottakervindu
reliable data transfer protocol		pålitelig dataoverførings-protokoll

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RFC	Requests For Comments (standards)	Internettstandarder
RR	Resource Record (for DNS)	ressurselement
RTT	Round-trip time	Rundetid eller rundturtid
segment	Data packet on transport layer.	segment
Selective Repeat	Pipelined reliable data transfer protocol that allows for retransmitting single outstanding packets.	Selektiv Repetering
server		tjener
sequence number		sekvensnummer
sliding-window protocol	Protocol that operates over a subset N of all sequence numbers, where the base of the window increases as packets are acknowledged.	glidende vindu protokoll
slow-start	Exponential increase of TCP congestion window initially and after loss.	treg start
SMTP	Simple Mail Transfer Protocol	SMTP
socket	Application programming interface for network applications.	socket
stop-and-wait protocol	rdt2.0 protocol	stopp-og-vent protokoll
SSL/TLS	Secure Sockets Layer/now Transport Layer Security	SSL/TLS
TCP	Transport Control Protocol	Transportkontrollprotokoll
TDM	Time Division Multiplexing	Tidsdelt multipleksing
three-way handshake	TCP connection setup (SYN, SYNACK, ACK)	treveis håndtrykk, en metode for å etablere en TCP-forbindelse
throughput		gjennomstrømming/båndbredde
traffic intensity	$I = (L \cdot a)/R$ where a is packet arrival rate at the queue, L is packet length and R is the transmission rate	trafikkintensiteten
transmission delay	$d_{trans} = L/R$ for packet length L and transmission rate R	transmisjonsforsinkelse
Transport layer		Transportlaget
UDP	User Datagram Protocol	UDP
unchoked		utvidet
user agent	email reader	brukeragent
utilization	Link utilization: The fraction of time the sender is busy sending bits on the channel.	utnyttelsesgrad
WAN	Wide Area Network	WAN
web cache	Temporarily stored results of HTTP requests.	Hurtigbuffer for nettsider
well-known ports	port number 0 - 1023	velkjente portnummer