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Table of Acronyms

Acronym	Definition
ACK	Acknowledgment
AvFSWO	Average File Size for Web Objects
AvThT	Average Think Time
AWND	Advertised Window
BIC	Binary Increase Congestion control
BRS	Backbone Router Speed
C	Capacity
CA	Cellular Automata
CAC	Correlation Analysis and Clustering
CPU	Central Processing Unit
CRTO	Current Retransmission Time Out
CTCP	Compound TCP
CWND	Congestion Window
DES	Discrete-Event Simulation
DT	Data segment (or packet)
DWND	Delay Window (used by CTCP)
FAST	Fast Active Queue Management Scalable TCP
FAST-AT	Fast Active Queue Management Scalable TCP with Alpha Tuning
GB	Gigabytes (Giga denotes billion)
Gbps	Gigabits per second (Giga denotes billion)
GENI	Global Environment for Network Innovation
GHz	Giga Hertz (Giga denotes billion)
HSTCP	High Speed TCP
HTCP	Hamilton TCP
ICCRG	Internet Congestion Control Research Group
IP	Internet Protocol
IRTF	Internet Research Task Force
ISP	Internet Service Provider
ITL	Information Technology Laboratory
Kbytes	Kilobtyes
Kbytes	Kilobytes
MB	Megabytes
Mbps	Megabits per second
Mbytes	Megabytes
MCMP	Multicore Multiprocessor
NAK	Negative Acknowledgment
NIST	National Institute of Standards and Technology
NSF	National Science Foundation
OFF	Orthogonal Fractional Factorial
P2P	Peer-to-Peer

PC	Personal Computer
PC	Principal Component
PCA	Principal Components Analysis
PDM	Propagation Delay in Milliseconds
POP	Point Of Presence
ppts	packets per time step
pps	packets per second
p/ms	packets per millisecond
PrFH	Probability of a Fast Host
PrLF	Probability of a Larger File
QSA	Queue Sizing Algorithm
RDist	Receiver Distribution
RTO	Retransmission Time Out
RTT	Round Trip Time
RWND	Receiver Window
SD	Standard Deviation
SDist	Source Distribution
SFSR	Scaling For Sources and Receivers
SLX	Simulation Language with eXtensibility
SQR	Square Root
SQRT	Square Root
SRTT	Smoothed Round Trip Time
SST	slow start threshold
STCP	Scalable TCP
TCP	Transmission Control Protocol
UDP	User Datagram Protocol
WEB	World-wide Web