

# Glossary of Terms

2C	Two Colour
2P	Two Phase
A-demand	Additional Demand
AAC	Advanced Audio Coding
ACO	Ant Colony Optimization
AoD	Audio on Demand
AODV	Ad-hoc On-demand Distance Vector
AOMDV	Ad-hoc On-demand Multipath Distance Vector
BE	Best Effort
BE(X)	Best Effort Traffic from Node $X$
CAC	Call-Admission-Control
CBR	Constant Bit Rate
CD	Compact Disc
CO	Control Overhead
CSMA/CA	Carrier Sense Multiple Access with Collision Avoidance
DiffServ	Differentiated Services
DQBA	Dynamic QoS-aware Bandwidth Allocation
DSMB	Delay Sensitive and Minimal Bandwidth
DSR	Dynamic Source Routing
E2ED	End-to-End Delay
EDF	Earliest Deadline First
EHR	Electronic Health Record
ELB	Expected Link Bandwidth
EPB	Expected Path Bandwidth
ETT	Expected Transmission Time

ETX	Expected Transmission Count
EWMA	Exponential Weighted Moving Average
FCFS	First Come First Serve
FEC	Forward Error Correction
FREJ	Flow Reject
FREQ	Flow Request
FTP	File Transfer Protocol
HBLL	High Bandwidth and Low Latency
ICT	Information and Communication Technology
IntServ	Integrated Services
IP	Internet Protocol
ISM	Industrial, Scientific and Medical
ITU-T	ITU Telecommunication Standardization Union
LL	Low Latency
LS	Link-Slot
LoS	Line of Sight
m-health	Mobile Health
MAC	Medium Access Control
MANET	Mobile Ad-hoc Network
MAR	Maximum Allocation with Reservation
Mix-Tx-Rx	Mix of Transmit and Receive Operation
MMESH	Multi-path Mesh
MP-DSR	Multi-path Dynamic Source Routing
MPEG	Moving Picture Experts Group
MPREP	Multi-Path Route Reply
MPREQ	Multi-Path Route Request
MQDSR	MAR-based QoS Dynamic Source Routing
MRP	Multi-path Routing Protocol
MSDU	MAC Service Data Unit
MSS	Maximum Segment Size
NI	Node Index
OML	Overlay MAC Layer

P2MP	Point-to-Multipoint
P2P	Point-to-Point
PBM	Packet Bunch Mode
PI	Parent Index
PLCP	Physical Layer Convergence Protocol
PPD	Packet Pair Delay
PR	Protocol Reliability
PSTN	Public Switched Telephone Network
Q-demand	QoS Demand
QDBA	QoS-aware Dynamic Bandwidth Allocation
QGMR	QoS-aware Gateway-based Multi-path Routing
QoS	Quality of Service
QoS-MOLSR	QoS Multipath Optimized Link State Routing
R-SynOp	Restricted SynOp
RACT	Route Activation
RERR	Route Error
RFS	Real-time Flow Scheduling
RPS	Real-time Packet Scheduler
RREP	Route Reply
RREQ	Route Request
RSVP	Resource Reservation Protocol
RT(X)	Real-time Traffic from Node <i>X</i>
RTT	Round Trip Time
RUPD	Route Update Packet
SDFB	Strict Delay and Fixed Bandwidth
SDVB	Strict Delay and Variable Bandwidth
SI	Service Interval
SINR	Signal to Interference and Noise Ratio
SMR	Split Multipath Routing
STDMA	Spatial TDMA
SynOp	Simultaneous Synchronous Operation
SynRx	Simultaneous Receive
SynTx	Simultaneous Transmit
TC	Topology Control

TDMA	Time Division Multiple Access
TENS	The Enhanced Network Simulator
TIM	Traffic Indication Map
UBS	Utilization Based Scheduling
VCR	Video Cassette Recorder
VoD	Video on Demand
VoIP	Voice over Internet Protocol
WFQ	Weighted Fair Queuing
WHO	World Health Organization
WiFi	Wireless Fidelity
WiLD	WiFi-based Long Distance
WiMAX	Worldwide Interoperability for Microwave Access
WLAN	Wireless Local Area Networks
WMN	Wireless Mesh Networks
WSIS	World Summit of Information Society
WSN	Wireless Sensor Networks