

List of Abbreviations

MANET	Mobile Ad hoc Network
OSI	Open System Interconnection
ISO	International Standard Organization
WLAN	Wireless LAN
CLD	Cross Layer Design
IEEE	International Electrical and Electronics Engineers
IETF	Internet Engineering Task Force
3G	Third Generations
4G	Fourth Generations
Wi-Fi	Wireless Fidelity
Wi-Max	Wireless
AP	Access Points
BAN	Body Area Network
PAN	Personal Area Network
LAN	Local Area Network
WAN	Wide Area Network
AODV	Ad hoc On demand Distance Vector
DSR	Dynamic Source Routing
OLSR	Optimized Link State Routing
TCP	Transmission Control Protocol

IP	Internet Protocol
MAC	Medium Access Protocol
PDA	Personal Digital Assistant
AP	Access Point
DOD	Department of Defense
CSMA	Carrier Sense Multiple Access
RF	Radio Frequency
LOS	Line of Sight
ODMRP	On-demand Multicast Routing Protocol
GPS	Global Position System
QoS	Quality of Service
ATM	Asynchronous Transfer Mode
ACK	Acknowledgement
DSDV	Destination Sequenced Distance Vector
MPR	Multi Point Relay
HSR	Hierarchical State Routing
DCF	Distributed Coordination Function
CSMA/CD	Carrier Sense Multiple Access/Collision Detection
CSMA/CA	Carrier Sense Multiple Access/Collision Avoidance
NS-2	Network Simulator 2
CBR	Constant Bit Rate

RREQ	Route Request
RREP	Route Reply
RERR	Route Error
GRPH	Group Hello
TTL	Time to Live
ARQ	Automatic Repeat Request
PAN	Personal Area Network
BAN	Body Area Network
TORA	Temporally Ordered Routing Protocol
CL-TORA	Cross Layer Based Temporally Ordered Routing Protocol
CL-OLSR	Cross Layer Based Optimized Link State Routing Protocol
WSN	Wireless Sensor Network
WMN	Wireless Mesh Network
IEEE 802.11	Wireless LAN Standards
IEEE 802.15.4	Low Power Low Rate ZegBee Standards
802.16	Wireless Mesh Network Standard
RTS	Request To Send
CTS	Clear To Send
Z-MAC	Zebra-MAC (Hybrid MAC Protocol)
S-MAC	Sensor-MAC
NAV	Network Allocation Vector