**LIST OF ACRONYMS (CHRONOLOGICAL)**

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABP</td>
<td>Available Battery Power</td>
</tr>
<tr>
<td>ABR</td>
<td>Associativity-Based Routing</td>
</tr>
<tr>
<td>ACK</td>
<td>Acknowledgement</td>
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<tr>
<td>ACR</td>
<td>Adaptive Cell-Relay Routing Protocol</td>
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<tr>
<td>ADMR</td>
<td>Adaptive Demand Driven Multicast Routing</td>
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<tr>
<td>ALP</td>
<td>Adaptive Link-State Protocol</td>
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<tr>
<td>AMRoute</td>
<td>Ad-hoc Multicast Routing</td>
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<tr>
<td>AMRIS</td>
<td>Ad-hoc Multicast Routing Protocol Utilizing Increasing id numbers</td>
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<tr>
<td>AODV</td>
<td>Ad Hoc On-demand Distance Vector Protocol</td>
</tr>
<tr>
<td>BELAHR</td>
<td>Bandwidth Efficient Location Aware Hybrid Routing Algorithm</td>
</tr>
<tr>
<td>BR</td>
<td>Branch Reconstruction</td>
</tr>
<tr>
<td>Broadcast_id</td>
<td>Unique Number for Every RREQ Broadcast</td>
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<tr>
<td>CAMP</td>
<td>Core-Assisted Mesh Protocol</td>
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<tr>
<td>CBR</td>
<td>Constant Bit Rate</td>
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<tr>
<td>CBT</td>
<td>Core Based Trees</td>
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<tr>
<td>DA</td>
<td>Destination Address</td>
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<tr>
<td>DAG</td>
<td>Directed Acyclic Graph</td>
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<tr>
<td>DARPA</td>
<td>Defense Advanced Projects Research Agency</td>
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<tr>
<td>DBF</td>
<td>Distributed Bellman-Ford Algorithm</td>
</tr>
<tr>
<td>Dest_addr</td>
<td>IP Address of Destination Node</td>
</tr>
<tr>
<td>Dest_seq #</td>
<td>Sequence Number of the Destination</td>
</tr>
<tr>
<td>DP</td>
<td>Data Packet</td>
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<tr>
<td>DREAM</td>
<td>Distance Routing Effect Algorithm for Mobility</td>
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<tr>
<td>DSDV</td>
<td>Destination-Sequenced Distance-Vector Routing</td>
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<tr>
<td>DSR</td>
<td>Dynamic Source Routing</td>
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<td>DVMRP</td>
<td>Distance Vector Multicasting Protocol</td>
</tr>
<tr>
<td>EEMPMO</td>
<td>Energy Efficient Multicast Protocol with Minimum Control Overheads</td>
</tr>
<tr>
<td>GLS</td>
<td>Grid Location Service</td>
</tr>
<tr>
<td>GPS</td>
<td>Global Positioning System</td>
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</tbody>
</table>
GSM  Global System for Mobile Communication
GSR  Global State Routing
hop_cnt  Hop Count
IEEE  Institute of Electrical and Electronics Engineers
IERST  Improved Expanding Ring Search Technique
IETF  Internet Engineering Task Force
IP  Internet Protocol
LAFHRP  Location Aided Flat Hybrid Routing Protocol
LAR  Location Aided Routing
LARDHR  Location Aware Reduced Diffusion Hybrid Routing
LGF  Landmark Guided Forwarding
LOCTB  Location Table
LSP  Link State Packet
LT_SIZE  Size of Location Table
LQ  Localized Query
MAC  Medium Access Control
MACT  Multicast Activation
MAODV  Multicast Ad hoc On-demand Vector Routing Protocol
MAODV-PR  Mobile Ad Hoc Distance Vector Routing Protocol with Proactive Route Maintenance
MANET  Mobile Ad Hoc Network
MBP  Minimum Battery Power
MCEDAR  Multicast Core Extraction Distributed Ad Hoc Routing
MG_addr  IP Address of Multicast Group
MGL_addr  IP Address of Multicast Group Leader
MG_seq  Multicast Group Sequence Number
MOSPF  Multicast Open Shortest Path First
MPR  Multi-Point Relay
MRL  Message Retransmission List
MRT  Multicast Route Table
msm-ID  Multicast Session Member ID
NAT  Neighbor Awareness Table
NAT_size  Size of NAT
NS2  Network Simulator -2
OLSR
ODMRP
PAMRRP
PDU
PIM
RD
Req_addr
RRBSA
RREP
RREQ
RREQ id
RERR
RRC
RR_PKT
RT
SEELAMP
Sid
SLS
SOM
Source_addr
Source_seq #
SSN
SRLAMA
SSR
TC
TTL
UMTS
URT
WLAN
WLL
WRP
ZHLSS
ZRP

Optimized Link State Routing Protocol
On-demand Multicast Routing Protocol
Power Aware Multicast Reactive Routing Protocol
Protocol Data Unit
Protocol Independent Multicast
Route Deletion
IP Address of Requesting Node
Reliable Reduced Broadcast Search Algorithm
Route Reply Message
Route Request Message
Route Request Identification Number
Route Error Message
Route Reconstruction
Route Request Packet
Request Table
Scalable Energy Efficient Location Aware Multicast Protocol
Smallest ID
Swarm Location Service
Scalable Overlay Multicasting in Mobile Ad hoc Networks
IP Address of the Source Node
Sequence Number of the Originator Node
Smart Sensor Network
Scalable and Robust Location Aware Multicast Algorithm
Segment-by-Segment Routing in Large Scale Mobile Ad Hoc Networks
Topology Control
Time-To-Live
Universal Mobile Technology Services
Unicast Route Table
Wireless Local Area Network
Wireless Local Loop
Wireless Routing Protocol
Zone-based Hierarchical Link State
Zone Routing Protocol