



Randomized Energy-Based AODV Protocol For Wireless Ad-Hoc Network

Proposed by Ruhul Azgor



Paper

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Using Hello Packet

1. Calculate node in range factor.
2. Generate a random number between 0 and d.
3. If (random_value > node in range factor)
4. then broadcast/forward RREQ_packet,
5. else drop RREQ_packet.



Using Energy Based Parameter

1. Calculate drop factor d for every transmitting node.
2. Generate a random number between 0 and 1.
3. If (random_value > drop factor)
4. then broadcast/forward RREQ_packet,
5. else drop RREQ_packet.